



Issue: Resolution #2022-083 WWTF Grated Walkway Installation

Date: 08.04.2022

Submitted By: Doug Colvin, Assistant CA – Director, Nixa Utilities and Public Works
Jason Stutesmun, Water Quality Superintendent

Background

Passage of this proposed Resolution awards a bid and authorizes the City Administrator to execute a contract with Smith and Edwards, Inc. to construct a grated walkway at the Nixa Wastewater Treatment Facility.

Analysis

As part of daily operations, treatment facility operators need to physically walk out on the narrow concrete walls of the aeration ditches to inspect, clean and remove debris on a daily basis. These walls do not have guard rails to protect employees from a fall into the ditch and they are too narrow to efficiently handle a wheelbarrow or other equipment for removing waste material from the ditches.

Utilizing our consulting engineer, staff solicited bids based on specific design criteria for the installation of metal grated walkway, complete with guard rails that will be installed along the concrete wall of the aeration ditch. This design was bid out and we received two qualified bids.

Funding for this project is authorized as a \$100,000 CIP in the 2022 Budget. Smith and Edwards, Inc. winning bid came in considerably lower at \$53,138. We have spent some of the funds on the design process and will have a little more engineering cost through construction, but total project cost should remain well within the authorized amount at around \$70,000.

The contract provides for the scope and material standards for the project and provides for a timeframe to complete the project of 45 days from a notice to proceed which staff will provide upon verification that all contractual items such as insurance and bonding, safety certifications and business entity verifications have been satisfied.

Attached to this memo are the Proposed Resolution, award recommendation letter from the consulting engineer, the bid request and contract documents. Staff is available to answer any questions and address any concerns you may have.

Recommendation

Staff recommends passage of Resolution #2022-084

RESOLUTION NO. 2022-083

A RESOLUTION OF THE COUNCIL OF THE CITY OF NIXA AUTHORIZING THE CITY ADMINISTRATOR TO EXECUTE A CONTRACT WITH SMITH AND EDWARDS CONSTRUCTION, INC. FOR THE CONSTRUCTION OF A GRATED WALKWAY AT THE WASTEWATER TREATMENT FACILITY.

WHEREAS City staff have solicited bids to construct a grated walkway at the Nixa Wastewater Treatment Facility to provide greater operational efficiency and increase employee safety; and

WHEREAS after evaluating all submitted bids, staff has recommended Smith and Edwards, Inc. as the most qualified firm.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NIXA, AS FOLLOWS, THAT:

SECTION 1: The City Administrator, or designee, is hereby authorized to execute the Contract attached hereto, and incorporated herein by this reference, as "Resolution Exhibit A," with Smith and Edwards Construction, Inc. Said Contract shall be in substantially similar form as the document attached hereto as "Resolution Exhibit A." The City Administrator and the officers of the City are hereby authorized to do all things necessary or convenient to carry out the terms and intent of this Resolution.

SECTION 2: This Resolution shall be in full force and effect from and after its final passage by the City Council and after its approval by the Mayor, subject to the provisions of section 3.11(g) of the City Charter.

ADOPTED BY THE COUNCIL THIS 15th DAY OF AUGUST, 2022.

ATTEST:

PRESIDING OFFICER

CITY CLERK

APPROVED BY THE MAYOR THIS _____ DAY OF _____, 2022.

ATTEST:

MAYOR

CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

ROUTE ORDER: Contractor signs, route to City Clerk, City Admin signs two originals, Clerk adds date, City Attorney signs, return one original by mail to Organization and City Clerk retains one original.

EFFECTIVE DATE:	TERMINATION DATE:	CONTRACT NUMBER:
(X) NEW CONTRACT () RENEWAL OF CONTRACT NO. () Addendum No. _		
CITY		CONTRACTOR
Name: City of Nixa, Missouri Address: 715 W. Mt. Vernon St., PO Box 395 Nixa, MO 65714 Phone: 417.725.3785 Attn: Jason Stutesmun Dept: WWTP Email: jstutesmun@nixa.com		Name: Smith & Edwards Constructions, Inc. Address: PO Box 305 Mountain Grove, MO 65711 Phone: 417-926-3894 Attn: Tim Hancock Email: seconst@smithandedwardsconstruction.com

CONSTRUCTION CONTRACT

THIS CONSTRUCTION CONTRACT ("Contract") is made and entered into upon its execution by the parties identified above.

WHEREAS the City, after conducting a Request for Proposal solicitation process, referenced as RFP-043-2022/WWTP desires to engage Contractor to perform certain construction work; and

WHEREAS the City desires to engage Contractor to perform such work under the terms and conditions of this Contract; and

WHEREAS contractor desires to perform such work under the terms and conditions of this Contract.

NOW, THEREFORE, for the considerations herein expressed, it is mutually agreed by and between the City and the Contractor as follows:

1. Manner and Time for Completion. The City agrees to engage the services of the Contractor and the Contractor agrees to perform said Construction Services in accordance with the standard of care, skill, and expertise ordinarily used by members of the Contractor's profession in the performance of similar services. The Construction Services are more specifically described in Exhibit A, which is attached hereto and incorporated herein by this reference. Contractor shall furnish all supervision, labor, tools, equipment, materials, and supplies necessary to perform the Services at Contractor's own expense in accordance with the contract documents, any applicable City ordinances, and any applicable state or federal laws within 45 consecutive calendar days from the date Contractor is ordered to proceed, which order shall be issued by the City Administrator within 30 days after the date of execution of this Contract.

2. Insurance Requirements. Without limiting any of the other obligations or liabilities of the Contractor, the Contractor shall secure and maintain at its own cost and expense, throughout the duration of this Contract and until the work is completed and accepted by the City, insurance of such types and in such amounts as may be necessary to protect it and the interests of the City against all hazards or risks of loss as hereunder specified or which may arise out of the performance of this

Contract. The form and limits of such insurance, together with the underwriter thereof in each case, are subject to approval by the City. Regardless of such approval, it shall be the responsibility of the Contractor to maintain adequate insurance coverage at all times during the term of this Contract. Failure of the Contractor to maintain coverage shall not relieve it of any contractual responsibility or obligation or liability in general or under this Contract.

The certificates of insurance, including evidence of the required endorsements hereunder or the policies, shall be filed with the City within 10 days after the date of the receipt of Notice of Award of the Contract to the Contractor and prior to the start of work. All insurance policies shall require that the insurance company in question provide 30 days written notice prior to modification or cancellation of such insurance. Such notices shall be mailed, certified mail, return receipt requested, to the address for the City listed at the top of this Contract.

As of January 1, 2022, the minimum coverage for the insurance referred to herein shall be as set out below:

- a. **Workers' Compensation** – Statutory coverage per RSMo. 287.010 et seq.
Employer's Liability – \$1,000,000.00
- b. **Commercial General Liability Insurance**, including coverage for Premises, Operations, Products and Completed Operations, Contractual Liability, Broad Form Property Damage, Independent Contractors, Explosion, Collapse, and Underground Property Damage and blasting if blasting is required. Such coverage shall apply to bodily injury and property damage on an "Occurrence Form Basis" with limits of at least Three Million Sixty-Five Thousand Nine Hundred Fifty-Two and no/100 Dollars (\$3,065,952.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Fifty-Nine Thousand Eight Hundred Ninety-Three and no/100 Dollars (\$459,893.00) with respect to injuries and/or death of any one person in a single occurrence and an amount not less than at least \$1,000,000 for all claims to property arising out of a single occurrence and at least \$100,000 to any one owner with respect to damages to property. Contractor agrees that the proceeds of such insurance policy shall first be used to pay any award, damages, costs, and/or attorneys' fees incurred by or assessed against City, its employees, officers and agents, before payment of any award, damages, costs or attorney's fees of Contractor, its employees, officers or agents. Contractor agrees to cause its insurer to name City as an additional insured on such insurance policy, including the City as an additional insured for coverage under its products-completed operations hazard, and said policy shall be primary and noncontributory.
- c. **Automobile Liability Insurance** covering bodily injury and property damage for owned, non-owned and hired vehicles, with limits of at Three Million Sixty-Five Thousand Nine Hundred Fifty-Two and no/100 Dollars (\$3,065,952.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Fifty-Nine Thousand Eight Hundred Ninety-Three and no/100 Dollars (\$459,893.00) with respect to injuries and/or death of any one person in a single accident or occurrence.
- d. **Owner's and Contractor's Protective Liability Insurance.** To protect the City, its agents, servants, and employees from claims which may arise from the performance of this Contract, with limits of at least Three Million Sixty-Five Thousand Nine Hundred Fifty-Two and no/100 Dollars (\$3,065,952.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Fifty-Nine Thousand Eight Hundred Ninety-Three and no/100 Dollars (\$459,893.00) with respect to injuries and/or death of any one person in a single accident or

occurrence. The Owner's and Contractor's Protective Liability Insurance must:

1. Be a separate policy with the named insured being: The City of Nixa, Missouri; and
2. Be with the same insurance company with which the Contractor carries its Commercial General Liability Insurance and Automotive Liability Insurance; and
3. Contain an endorsement that disclaims coverage for any claim barred by the doctrines of sovereign immunity or official immunity, except attorney's fees and other litigation costs incurred in defending a claim. Nothing contained in this policy (or this endorsement thereto) shall constitute any waiver of whatever kind of these defenses or sovereign immunity or official immunity for any monetary amount whatsoever.

e. Subcontracts. In case any or all of the performance of this Contract is sublet, the Contractor shall require the subcontractor to procure and maintain all insurance required in subparagraphs (a), (b) and (c) hereof and in like amounts. Contractor shall require any and all subcontractors with whom it enters into a contract to perform work on this project to protect the City through insurance against applicable hazards or risks and shall, upon request of the City, provide evidence of such insurance.

f. Notice. The Contractor and/or subcontractor shall furnish to the City prior to beginning the work contemplated by this Contract, the policy as specified in subparagraph (d), and satisfactory proof of bearing all the insurance required by this Contract, with the provision that policies shall not be canceled, modified or non-renewed without 30 days written notice to the City.

g. Legislative or Judicial Changes. In the event the scope or extent of the City's tort liability as a governmental entity as described in Section 537.600 through 537.650 RSMo is broadened or increased during the term of this Contract by legislative or judicial action, the City may require Contractor, upon 10 days written notice, to execute a contract addendum whereby the Contractor agrees to provide, at a price not exceeding Contractor's actual increased premium cost, additional liability insurance coverage as the City may require to protect the City from increased tort liability exposure as the result of such legislative or judicial action. Any such additional insurance coverage shall be evidenced by an appropriate certificate of insurance and shall take effect within the time set forth in the addendum.

3. Performance and Payment Bonds. The Contractor shall furnish a Performance Bond and a Labor and Materials Payment Bond with surety approved by the City and on the forms approved by the City, each bond shall be in the amount of \$53,138.00 (full amount of contract) conditioned upon the full and faithful performance of all major terms and conditions of this Contract and payment of all labor and material suppliers. It is further mutually agreed between the parties that if at any time after the execution of this Contract the City deems the surety or sureties upon such bond(s) to be unsatisfactory, or if, for any reason, such bond(s) ceases to be adequate to cover the performance of the work, the Contractor shall, at its expense, within 5 days after the receipt of notice from the City to do so, furnish an additional bond or bonds, in such form and amount, and with such surety or sureties as shall be satisfactory to the City. In such event no further payment to the Contractor shall be deemed to be due under this Contract until such new or additional security for the faithful performance of the work and the payment of labor and material suppliers shall be furnished in a manner and form satisfactory to the City. The corporate surety on any performance or payment bond must be licensed by the State of Missouri and if the required bond exceeds \$25,000.00 must be listed in United States

4. Contractor's responsibility for subcontractors. The Contractor shall be fully responsible to the City for the acts and omissions of its subcontractors, and of persons either directly or indirectly employed by them, as Contractor is for the acts and omissions of persons it directly employs. Contractor shall cause appropriate provisions to be inserted in all subcontracts relating to this Contract, to bind all subcontractors to Contractor by all the terms herein set forth, and insofar as applicable to the work of subcontractors and to give Contractor the same power regarding termination of any subcontract as the City may exercise over Contractor under any provisions of this contract. Nothing contained in this contract shall create any contractual relation between the subcontractor and the City.

5. General Independent Contractor Clause. This Contract does not create an employee/employer relationship between the parties. It is the parties' intention that the Contractor shall be an independent contractor and not the City's employee for all purposes, including, but not limited to, the application of the Fair Labor Standards Act, minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, Missouri revenue and taxation laws, Missouri workers' compensation, and unemployment insurance laws. The Contractor shall retain sole and absolute discretion as to the judgment and manner and means of carrying out the Contractor's activities and responsibilities hereunder. The Contractor agrees that it is a separate and independent enterprise from the public employer, that it has a full opportunity to find other business, that it has made its own investment in its business, and that it will utilize a high level of skill necessary to perform the work. This Contract shall not be construed as creating any joint employment relationship between the Contractor and the City, and the City shall not be liable for any obligation incurred by the Contractor, including but not limited to unpaid minimum wages and/or overtime premiums.

6. Liquidated Damages. The parties mutually and expressly agree that time of completion of work by the Contractor is of the essence. Should Contractor, or in the case of default, the surety, fail to substantially complete the work within the time specified in this Contract, or within such extra time as may be allowed, Contractor (or surety) shall be liable to the City in the amount of \$500 per day for each and every calendar day that the performance of this Contract remains uncompleted after the time allowed for substantial completion, as liquidated damages, and not as a penalty, it being stipulated that actual damages to the City and the public arising from Contractor's failure to timely complete the work would be difficult, if not impossible, to ascertain. The amount assessed as liquidated damages may be withheld from any moneys otherwise due to Contractor from the City. The project is not considered complete until final acceptance by the City.

7. Termination.

a. For Cause. The City reserves the right to terminate this Contract by giving at least five days prior written notice to the Contractor, without prejudice to any other rights or remedies of the City should the Contractor be adjudged a bankrupt, or if Contractor should make a general assignment for the benefit of its creditors, or if a receiver should be appointed for Contractor or for any of its property, or if Contractor should persistently or repeatedly refuse or fail to supply enough properly skilled workmen or proper material, or if Contractor should refuse or fail to make prompt payment to any person supplying labor or materials for the work under the contract, or persistently disregard instructions of the City or fail to observe or perform any provisions of the contract.

b. For Convenience. The City shall have the right at any time by written notice to Contractor

to terminate and cancel this Contract, without cause, for the convenience of the City, and Contractor shall immediately stop work. In such event City shall not be liable to Contractor except for payment for actual work performed prior to such notice in an amount proportionate to the completed contract price and for the actual costs of preparations made by Contractor for the performance of the cancelled portions of the Contract, including a reasonable allowance of profit applicable to the actual work performed and such preparations. Anticipatory profits and consequential damages shall not be recoverable by Contractor.

8. City's Right to Proceed. In the event this Contract is terminated, the City may take over the work and prosecute the same to completion, by contract or otherwise, and Contractor and its sureties shall be liable to the City for any costs over the amount of this Contract thereby occasioned by the City. In any such case, the City may take possession of, and utilize in completing the work, such materials, appliances and structures as may be on the work site and are necessary for completion of the work. The foregoing provisions are in addition to, and not in limitation of, the rights of the City under any other provisions of the contract, city ordinances, and state and federal laws.

9. Liability and Indemnity.

a. In no event shall the City be liable to the Contractor for special, indirect, or consequential damages, except those caused by the City's gross negligence or willful or wanton misconduct arising out of or in any way connected with a breach of this contract. The maximum liability of the City shall be limited to the amount of money to be paid or received by the Contractor under this contract.

b. The Contractor shall defend, indemnify and save harmless the City, its elected or appointed officials, agents and employees from and against any and all liability, suits, damages, costs (including attorney fees), losses, outlays and expenses from claims in any manner caused by, or allegedly caused by, or arising out of, or connected with, this contract, or the work or any subcontract thereunder (the Contractor hereby assuming full responsibility for relations with subcontractors), including, but not limited to, claims for personal injuries, death, property damage, or for damages from the award of this contract to Contractor, notwithstanding any possible negligence, whether sole or concurrent, on the part of the City, its officials, agents and employees.

c. The Contractor shall indemnify and hold the City harmless from all wages or overtime compensation due any employees in rendering services pursuant to this Contract or any subcontract, including payment of reasonable attorneys' fees and costs in the defense of any claim made under the Fair Labor Standards Act, the Missouri Prevailing Wage Law or any other federal or state law.

d. The indemnification obligations of Contractor hereunder shall not be limited by any limitations as to the amount or type of damages, compensation or benefits payable by or for the Contractor, under any federal or state law, to any person asserting the claim against City, its elected or appointed officials, agents, and employees, for which indemnification is sought.

e. The indemnification obligations herein shall not negate, abridge or reduce in any way any additional indemnification rights of the City, its elected or appointed officials, agents and employees, which are otherwise available under statute, or in law or equity.

f. Contractor affirms that it has had the opportunity to recover the costs of the liability

insurance required in this Contract in its contract price. Contractor's obligation under this Contract to defend, indemnify, and hold harmless any person from that person's own negligence or wrongdoing is limited to the coverage and limits of the applicable insurance required of the Contractor under this Contract.

g. The Contractor shall indemnify and hold the City harmless for any penalties, fines, fees or costs, including costs of defense, which are charged or assessed by any Federal, state or local agency including, but not limited to, Environmental Protection Agency or Department of Natural Resources.

10. Payment for Labor and Materials. The Contractor agrees and binds itself to pay for all labor done, and for all the materials used in the construction of the work to be completed pursuant to this contract.

11. Payment. Provided that Contractor performs the services in the manner set forth herein, the City shall pay the Contractor in accordance with the rate set forth in Exhibit B, which shall constitute full and complete compensation for the Contractor's work provided hereunder. No partial payment to the Contractor shall operate as approval or acceptance of work done or materials furnished hereunder. Such compensation will be paid in progress payments, as established by the City, subject to receipt of a requisition for payment and a statement of work provided by the Contractor and Contract by both the City and the Contractor that the Contractor has fully performed the work to be paid for in such progress payments in conformance with the contract. It is expressly understood that in no event will the total compensation and reimbursement to be paid to the Contractor under the terms of this Contract exceed the sum of **Fifty-Three Thousand One Hundred Thirty-Eight Dollars and No Cents (\$53,138.00)** unless specifically and mutually agreed to in writing by both the City and the Contractor.

12. Contract Documents. The entire Contract of the parties shall consist of the following documents:

- a.** This Contract
- b.** Exhibit A- Scope of Work
- c.** Exhibit B- Bid/Rate Sheet

The above listed documents are attached hereto and incorporated by their reference herein as though fully set forth herein. No modification, amendment, or waiver of any of the provisions of this Contract shall be effective unless in writing specifically referring hereto and signed by both parties. This Contract shall also include any Exhibits incorporated by reference in the above-described documents. When any provisions of the Contract Documents conflict, the provisions contained in the Contract shall control followed by Exhibit A, then Exhibit B.

13. Conflict of Interest. Contractor certifies that no member or officer of its firm or corporation is an officer or employee of the City of Nixa, Missouri, or any of its boards or agencies, and further that no officer or employee of the City has any financial interest in this contract which would violate any applicable federal regulations or the provisions of RSMo Section 105.450 et seq.

14. Assignment. The Contractor shall not assign any interest in this Contract and shall not transfer any interest in the same (whether by assignment or novation), without prior written consent of the City, provided, however, that claims for money due or to become due to the Contractor from the City under this Contract may be assigned to a bank, trust company, or other financial institution without such approval. Notice of such assignment or transfer shall be furnished in writing promptly to the City and

the bond surety. Any such assignment is expressly subject to all rights and remedies of the City under this Contract, including the right to change or delete activities from the Contract or to terminate the same as provided herein, and no such assignment shall require the City to give any notice to any such assignee of any actions which the City may take under this Contract.

15. Nondiscrimination. The Contractor agrees in the performance of this contract not to discriminate on the ground or because of race, creed, color, national origin or ancestry, sex, religion, handicap, age, status as a protected veteran or status as a qualified individual with a disability, or political opinion or affiliation, against any employee of Contractor or applicant for employment and shall include a similar provision in all subcontracts let or awarded hereunder. The parties hereby incorporate the requirements of 41 C.F.R. §§ 60-1.4(a)(7), 29 C.F.R. Part 471, Appendix A to Subpart A, 41 C.F.R. § 60-300.5(a) and 41 C.F.R. § 60-741.5(a), if applicable.

a. This Contractor and subcontractor shall abide by the requirements of 41 C.F.R. § 60-300.5(a). This regulation prohibits discriminations against qualified protected veterans, and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans.

b. This Contractor and subcontractor shall abide by the requirements of 41 C.F.R. § 60-741.5(a). This regulation prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action by covered prime Contractors and subcontractors to employ and advance in employment qualified individuals with disabilities.

16. Nonresident/Foreign Contractors. The Contractor shall procure and maintain during the life of this Contract:

a. If the Contractor is a foreign corporation, a certificate of authority to transact business in the State of Missouri from the Secretary of State, unless exempt pursuant to the provisions of Section 351.570 RSMo.

b. A certificate from the Missouri Director of Revenue evidencing compliance with the transient employer financial assurance law, unless exempt pursuant to the provisions of Section 285.230 RSMo.

17. Notices. All notices required or permitted hereinunder and required to be in writing may be given by Electronic transmission or by first class mail addressed to City and Contractor at the addresses shown above. The date of delivery of any notice given by mail shall be the date falling on the second full day after the day of its mailing. The date of delivery of notice by Electronic transmission shall be deemed to be the date transmission occurs, except where the transmission is not completed by 5:00 p.m. on a regular business day at the terminal of the receiving party, in which case the date of delivery shall be deemed to fall on the next regular business day for the receiving party.

18. Right to Audit. Contractor agrees to furnish sufficient supporting details as may be required by the City to support any charges or invoices submitted to the City for payment under this Contract. Contractor shall make available for the City's inspection all records covering or relating charges submitted to the City for payment. Contractor shall make appropriate adjustments in the event that discrepancies are found. The City shall have the right to audit the Offeror's records pertaining to the work/product for a period of three (3) years after final payment.

19. Occupational License. The Contractor shall obtain and maintain an occupational license or business registration with the City of Nixa, Missouri, if required by city code and any required state or federal requirement. The cost for this occupational license shall be borne by the Contractor. No contract will be executed by the City until this occupational license has been obtained.

20. Safety Training. Pursuant to Missouri Revised Statute Section 292.675, Contractors and subcontractors who sign a contract to work on public works projects must provide a 10-hour OSHA construction safety program, or similar program approved by the Department of Labor and Industrial Relations, to be completed by their on-site employees within sixty (60) days of beginning work on the construction project. The Contractor shall provide an acceptable notarized affidavit stating that Contractor has verified the completion of a 10-hour constructions safety program with respect to the employees working in connection with the contracted services. Contractors and subcontractors in violation of this provision will forfeit to the public body \$2,500.00 plus \$100 a day for each employee who is employed without training. Public bodies and contractors may withhold assessed penalties from the payment due to those Contractors and subcontractors. The penalties shall not begin to accrue until the time periods in the statute have elapsed (60 days after notice to proceed and 20 days to produce documentation for employee found in violation).

21. Affidavit for Contracts Over \$5,000.00. That pursuant to Missouri Revised Statute Sections 285.525 through 285.550, if this contract exceeds the amount of \$5,000.00 and Contractor is associated with a business entity, Contractor shall provide an acceptable notarized affidavit stating that the associated business entity is enrolled in and participates in a federal work authorization program with respect to the employees working in connection with the contracted services, and that said business entity does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. Additionally, Contractor must provide documentation for said business entity evidencing current enrollment in a federal work authorization program.

22. Affidavit for Compliance with Anti-Discrimination against Israel Act. Pursuant to Missouri Revised Statute Section 34.600, if this Contract exceeds the amount of \$100,000 for Contractors with ten or more employees, Contractor shall provide an acceptable notarized affidavit stating that the associated business is not currently engaged in and shall not for the duration of the contract, engage in a boycott of goods or services from the State of Israel; is not currently engaged in and shall not, for the duration of the contract, engage in a boycott of goods or services from companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or is not currently engaged in and shall not for the duration of this contract, engage in a boycott of goods or services from persons or entities doing business in the state of Israel.

23. Compliance with Laws. Contractor agrees to comply with all applicable federal, state and local laws or rules and regulations applicable to the provision of services and products hereunder. Contractor affirmatively states that payment of all local, state, and federal taxes and assessments owed by Contractor is current.

24. City Benefits. The Contractor shall not be entitled to any of the benefits established for the employees of the City nor be covered by the Worker's Compensation Program of the City.

25. Jurisdiction. This Contract and every question arising hereunder shall be construed or determined according to the laws of the State of Missouri. Should any part of this Contract be litigated, venue shall be proper only in the Circuit Court of Christian County, Missouri.

(Rest of page intentionally left blank)

IN WITNESS WHEREOF, the Parties have set their hands on the day and year stated herein.

THE CITY OF NIXA, MISSOURI

Jimmy Liles, City Administrator

Date: _____

ATTEST:

Rebekka Coffey, City Clerk

Approved as to form:

Nick Woodman, City Attorney

Director of Finance Certification:

I certify that this contract is within the purpose of the appropriation to which it is to be charged and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefore, and that the appropriate accounting entries have been made.

Jennifer Evans, Director of Finance

CONTRACTOR

Smith & Edwards Construction, Inc.

Tim Hancock

Tim Hancock

Printed Name

President

Title

Date: _____

ATTEST:

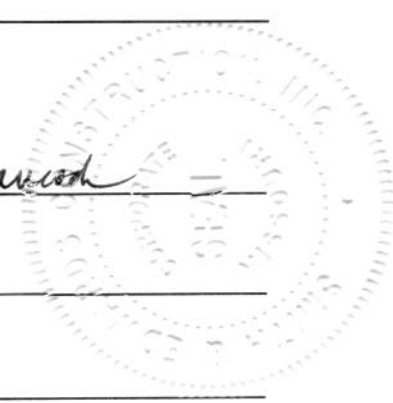
Sherrie Hancock

Sherrie Hancock

Printed Name

Secretary

Title



SCOPE OF WORK

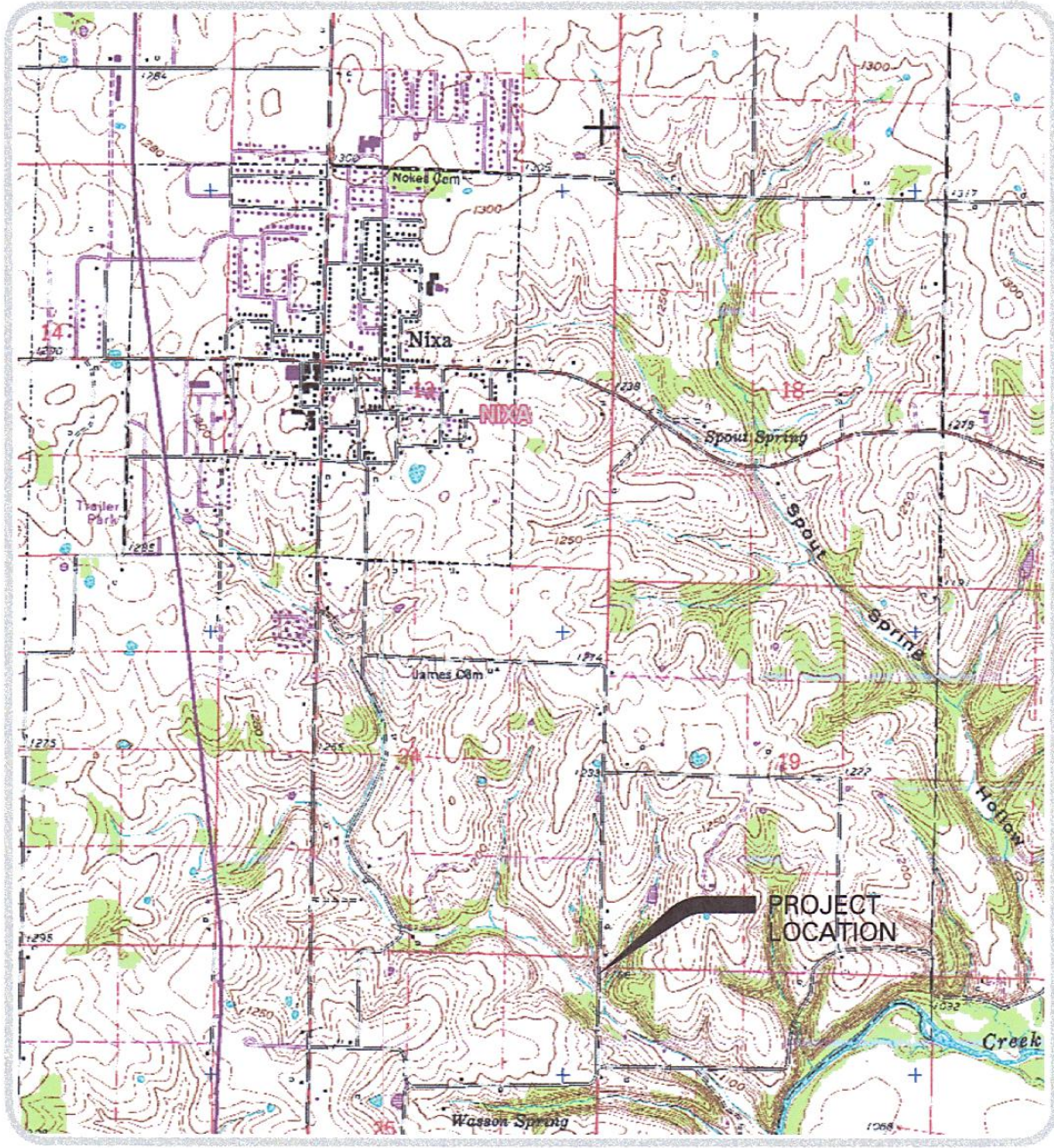
Aluminum Bar Grating and Handrail Installation at the Wastewater Treatment Plant

The Scope of Work for this project is to provide the construction of a grated access walkway at the city's existing oxidation ditch located at the Wastewater Treatment Plant located at 972 Old Riverdale Rd., Nixa, MO.

The work shall include all required aluminum handrails, bar grating, support structure, wall plates, fasteners, and all other appurtenances necessary for completion of the requested construction activities as indicated on the construction drawings.

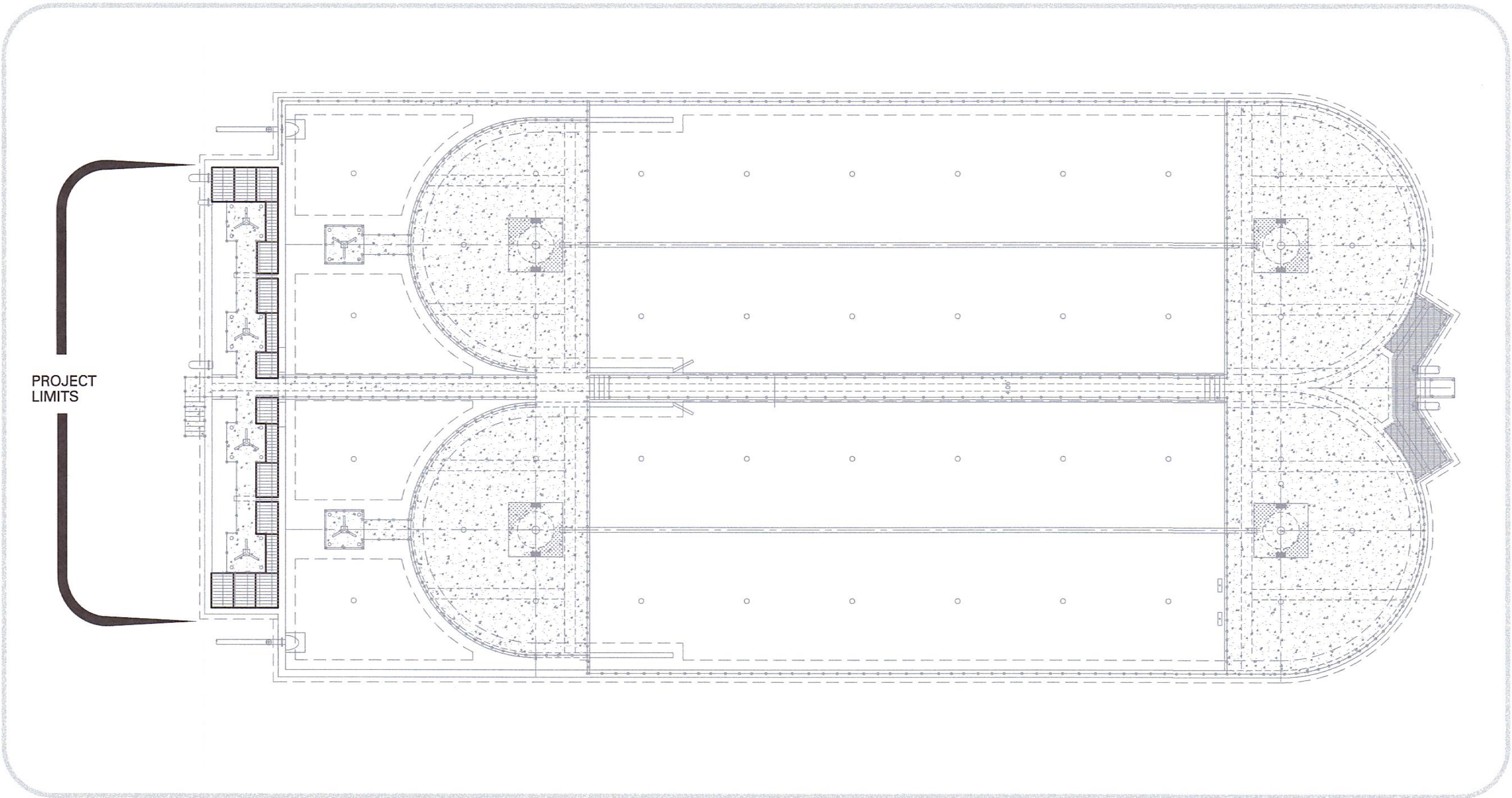
All materials, labor, shipping, equipment, and services for a complete installation in accordance with the specifications, manufacturer's design, and shop drawings.

A complete and thorough inspection shall be performed by the City upon completion of the work.



LOCATION MAP:
SW 1/4, SW 1/4 SECTION 24, TOWNSHIP 27 NORTH, RANGE 22 WEST

WALKWAY/HANDRAIL IMPROVEMENTS AT CITY OF NIXA WASTEWATER TREATMENT PLANT Nixa, Christian County, Missouri



SITE PLAN
SCALE: 1"=20'



SHEET INDEX

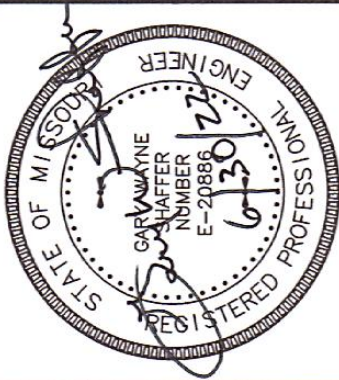
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	PLAN VIEWS
3.	DETAILS

CAUTION

Existing underground installations such as water mains, gas mains, sewers, telephone lines, fiber optic lines, power lines and buried structures are indicated on the drawing only to the extent such information has been made available to or discovered by the surveyor in preparing this drawing and are for reference only. There is no guarantee as to the accuracy or completeness of such information. It shall be the Contractors responsibility to field verify all existing items shown on the drawing.

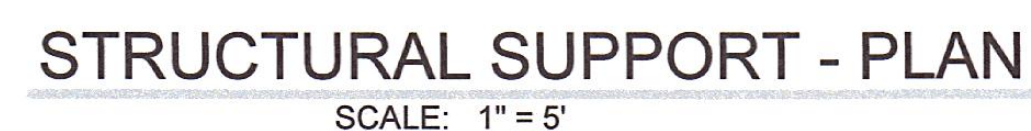
SAFETY NOTICE TO CONTRACTOR

1. In accordance with generally accepted construction practices, the Contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours.
2. The duty of the engineer or owner to conduct construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's safety measures in, on, or near the construction site.

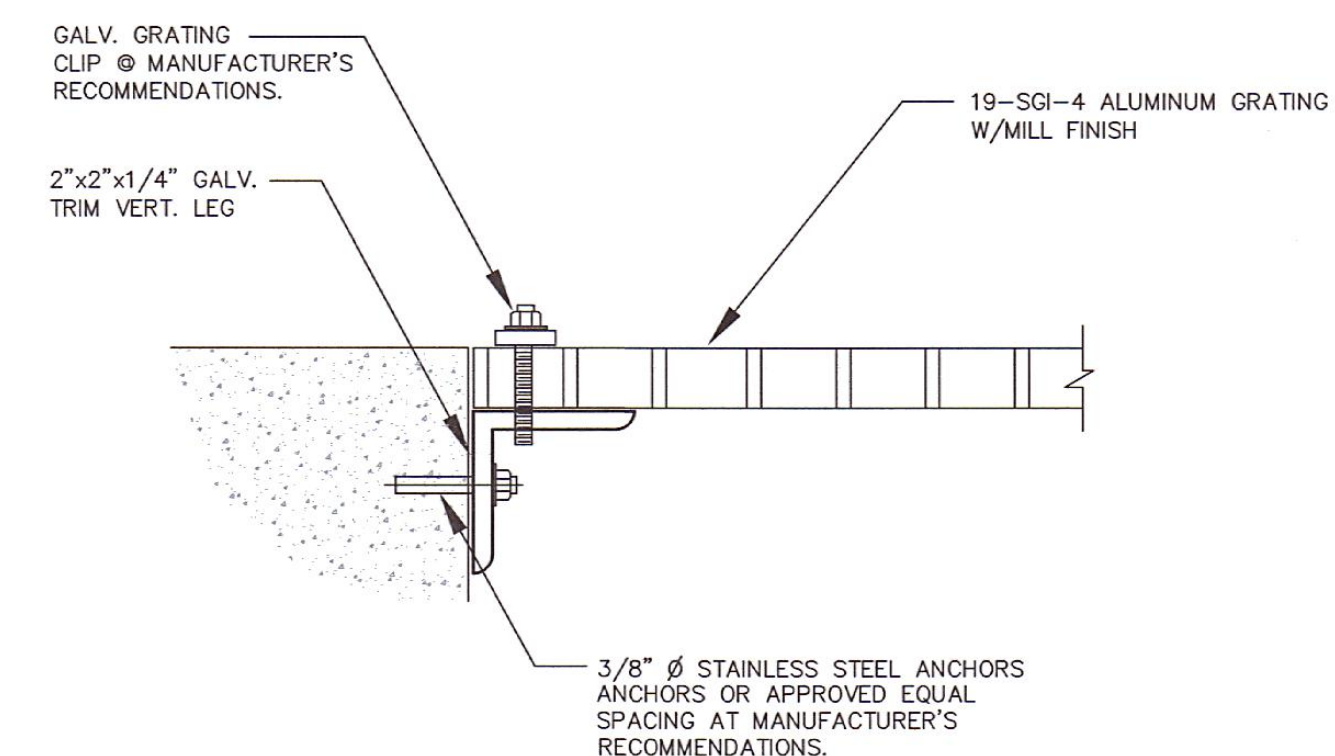


SHAFFER & HINES, INC.
CERTIFICATE OF AUTHORITY
LICENSE NO. 001665





BAR GRATING SCHEDULE				
GRATING #	GRATING DIMENSIONS	GRATING AREA	GRATING THICKNESS	APPROX. WT.
#1	4.50"x7.00"	31.50 s.f.	1 1/2"	85 lbs
#2	4.50"x7.00"	31.50 s.f.	1 1/2"	85 lbs
#3	4.50"x7.00"	31.50 s.f.	1 1/2"	85 lbs
#4	2.50"x8.0"	20.00 s.f.	1 1/2"	54 lbs
#5	4.25"x7.00"	29.75 s.f.	1 1/2"	80 lbs
#6	4.25"x7.00"	29.75 s.f.	1 1/2"	80 lbs
#7	2.50"x8.00"	20.00 s.f.	1 1/2"	54 lbs
#8	4.50"x5.25"	23.63 s.f.	1 1/2"	64 lbs
#9	4.50"x5.25"	23.63 s.f.	1 1/2"	64 lbs
#10	2.50"x8.0"	20.00 s.f.	1 1/2"	54 lbs
#11	4.50"x7.00"	31.50 s.f.	1 1/2"	85 lbs
#12	4.50"x6.50"	29.25 s.f.	1 1/2"	79 lbs
#13	2.50"x8.00"	20.00 s.f.	1 1/2"	54 lbs
#14	4.50"x7.00"	31.50 s.f.	1 1/2"	85 lbs
#15	4.50"x7.00"	31.50 s.f.	1 1/2"	85 lbs
#16	4.50"x7.00"	31.50 s.f.	1 1/2"	85 lbs



MOUNTING DETAIL
SCALE: 1" = 1'



SHAFFER & HINES, INC.
CERTIFICATE OF AUTHORITY
LICENSE NO. 001665

SHAFFER & HINES
INC.
CONSULTING ENGINEERS - REGISTERED LAND SURVEYORS

P.O. Box 493, Nixa, Missouri, 65714
Tel: (417) 725-4663 - Fax: (417) 725-5230
Email: chines@shafferhines.com



PLAN VIEWS

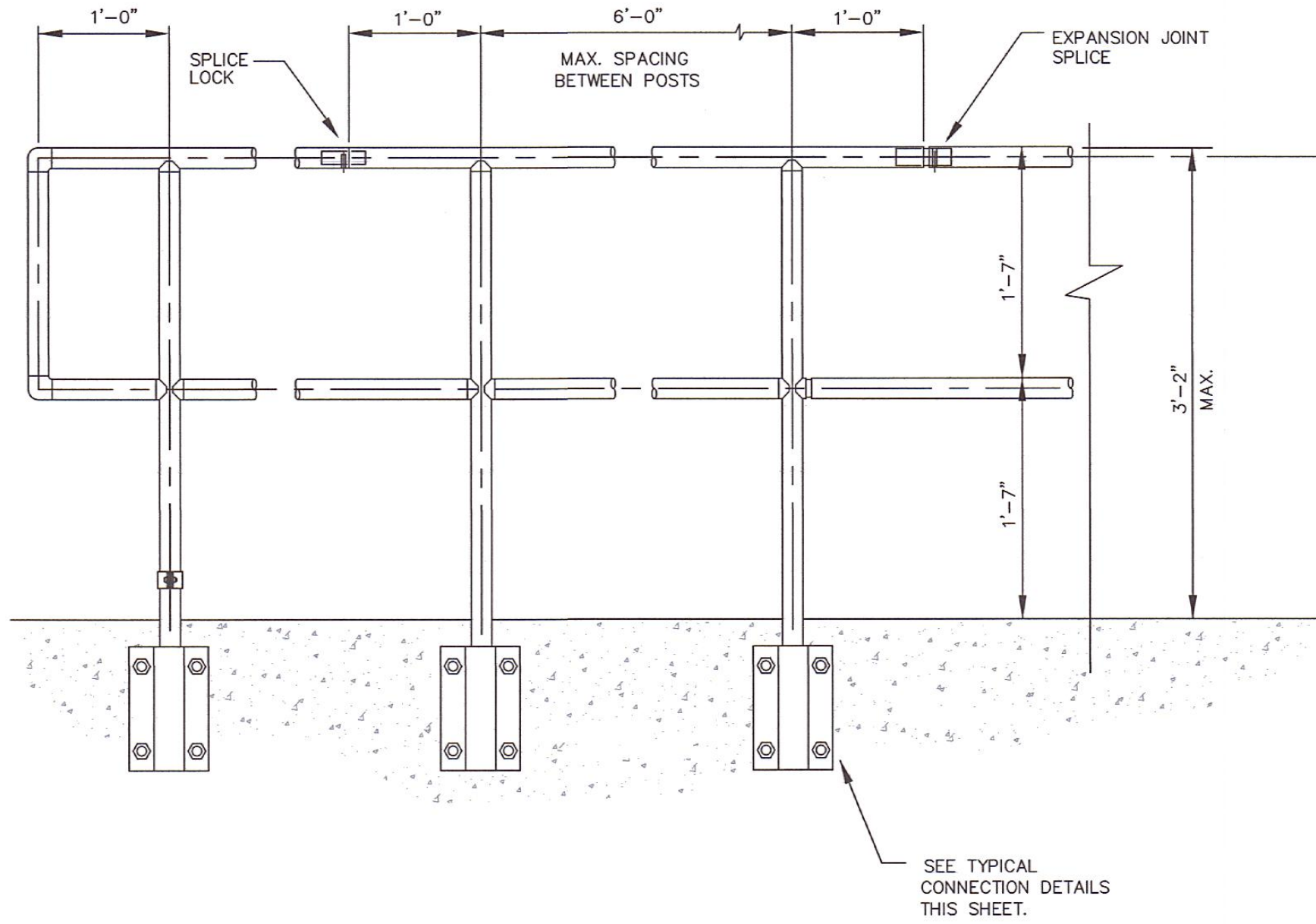
DESIGN BY	GWS
DRAWN BY	GWS
CHK'D BY	GWS
DATE	JUNE, 2022
SCALE	AS SHOWN

REVISIONS	

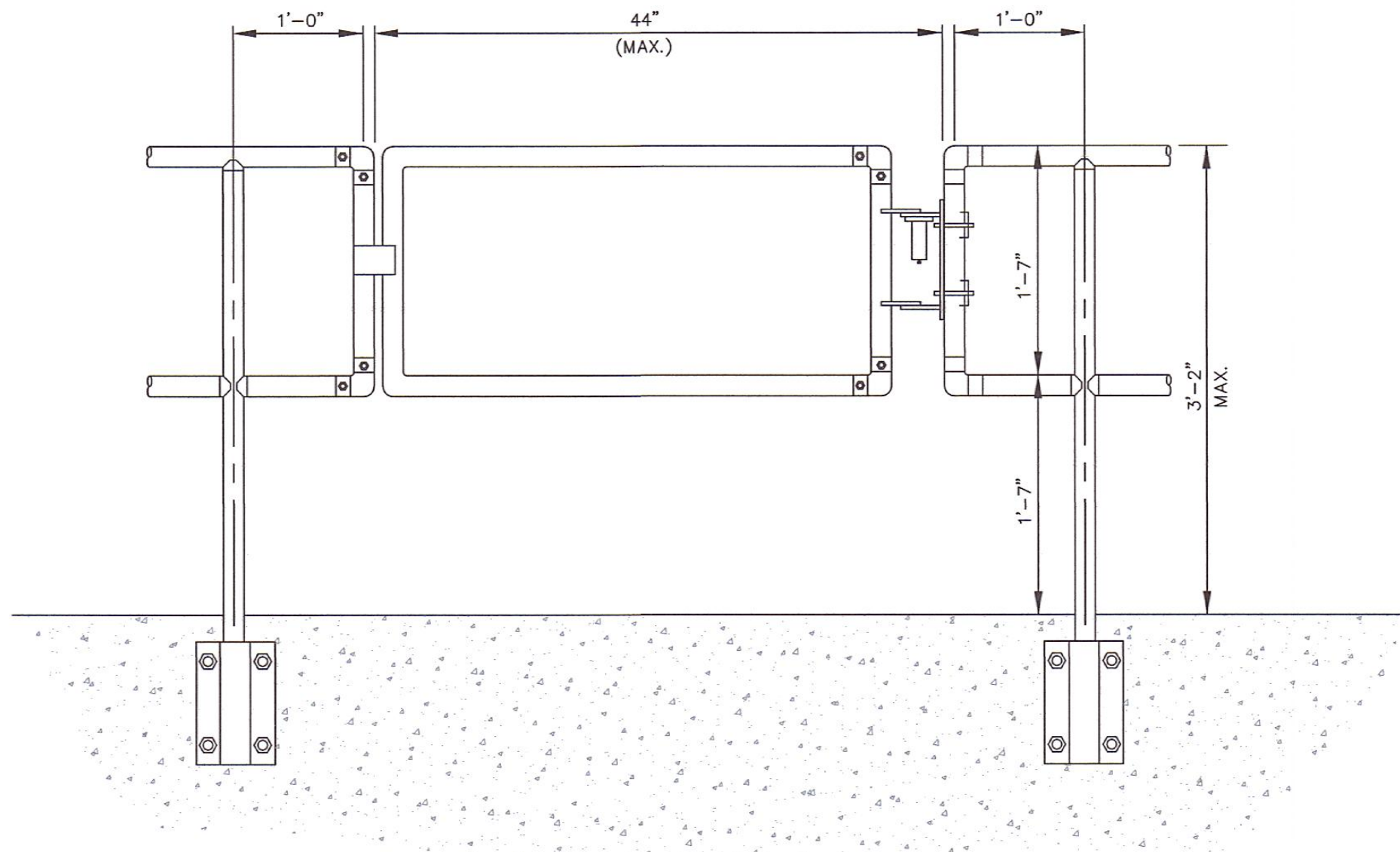
JOB NO.
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SHEET

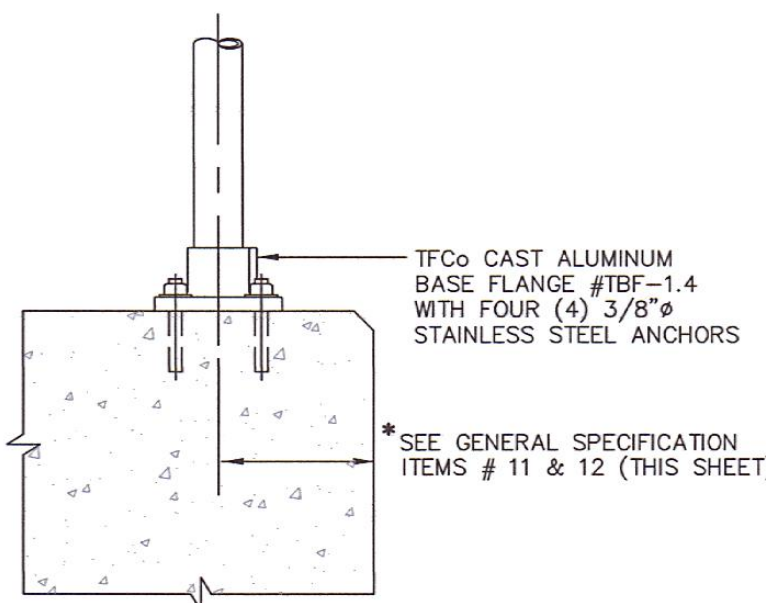
2



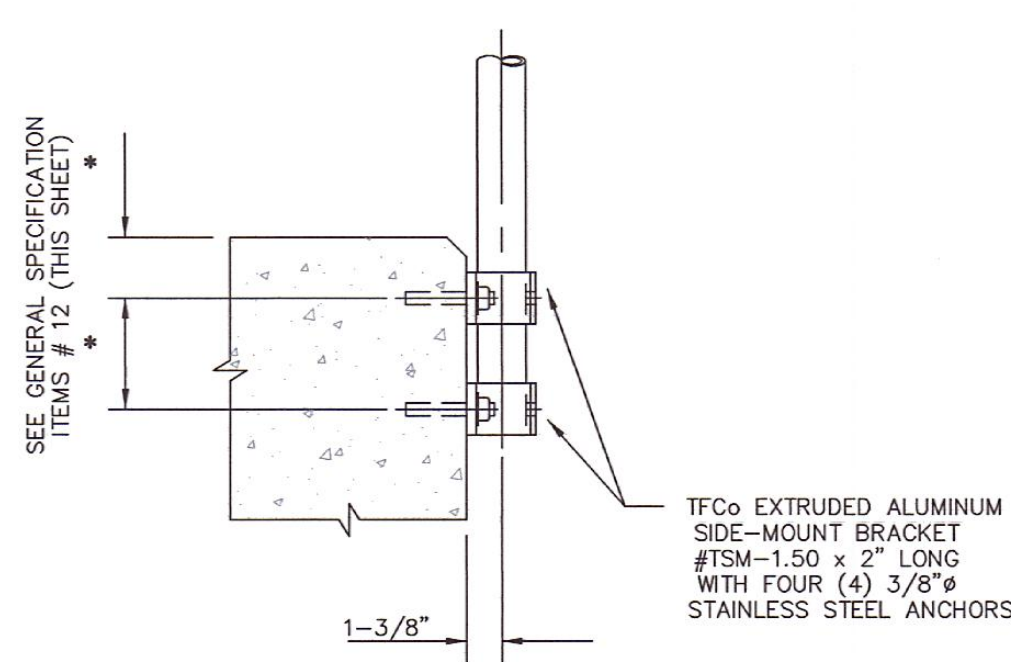
TYPICAL HANDRAIL DETAIL
SCALE: 1" = 10'



TYPICAL SAFETY GATE DETAIL
SCALE: 1" = 10'



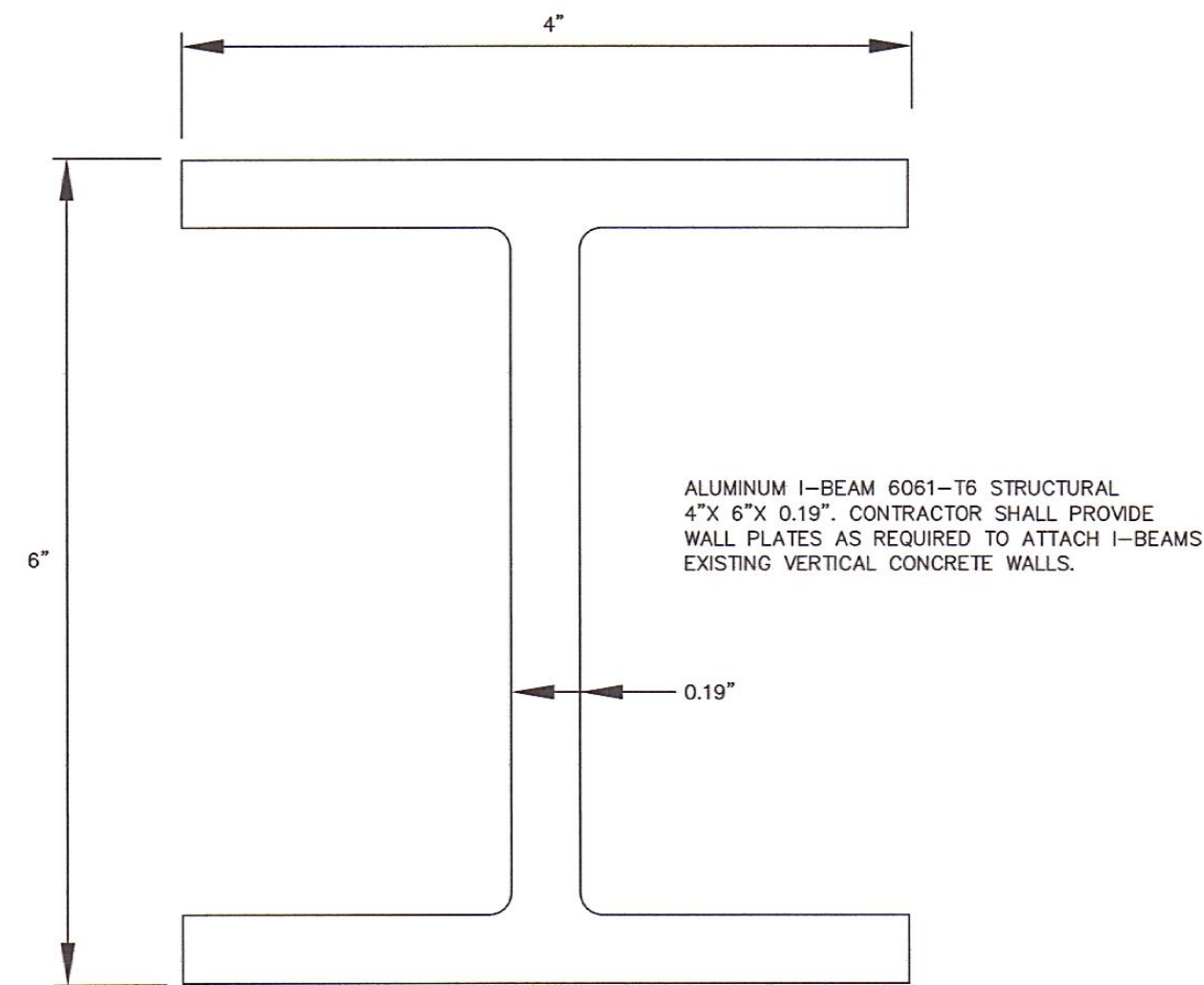
OPTIONAL TOP MOUNT CONNECTION
SCALE: 1" = 10'



TYPICAL SIDE MOUNT CONNECTION
SCALE: 1" = 10'

TYPICAL HANDRAIL SPECIFICATIONS

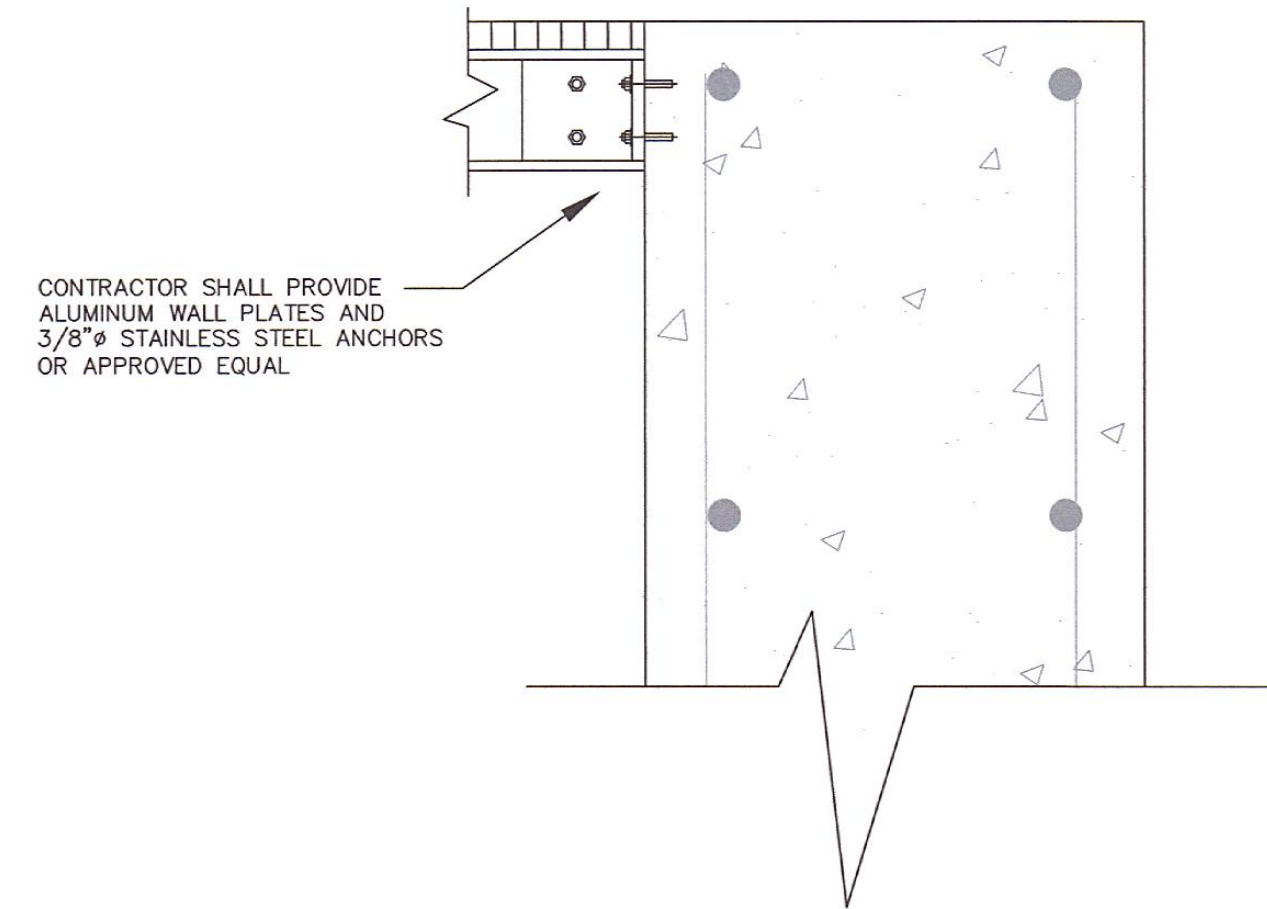
1. GUARDRAILS AND HANDRAILS SHALL BE THE PRODUCT OF A COMPANY NORMALLY ENGAGED IN THE MANUFACTURE OF PIPE RAILING. RAILING SHALL BE SHOP ASSEMBLED IN LENGTHS NOT TO EXCEED 24 FEET FOR FIELD ERECTION.
2. THE HANDRAIL SHALL BE MADE OF PIPES JOINED TOGETHER WITH COMPONENT FITTINGS. SAMPLES OF ALL COMPONENTS, BASES, TOE PLATE AND PIPE SHALL BE SUBMITTED FOR APPROVAL AT THE REQUEST OF THE ENGINEER. COMPONENTS THAT ARE POP-RIVETED OR GLUED AT THE JOINTS WILL NOT BE ACCEPTABLE. ALL COMPONENTS MUST BE MECHANICALLY FASTENED WITH STAINLESS STEEL HARDWARE. HANDRAIL AND COMPONENTS SHALL BE AS MANUFACTURED BY THOMPSON FABRICATING, LLC (BIRMINGHAM, ALABAMA) OR AN APPROVED EQUAL.
3. RAILINGS SHALL BE 1 1/2" SCHEDULE 40 ALUMINUM PIPE ALLOY 6105-T5, ASTM-B-429 OR ASTM-B-221. POSTS SHALL BE 1 1/2" SCHEDULE 40 ALUMINUM PIPE OF THE SAME ALLOY. POST SPACING SHALL BE A MAXIMUM OF 8'-0" OR AS INDICATED ON THE DRAWINGS.
4. GUARDRAILS AND HANDRAILS SHALL BE DESIGNED TO WITHSTAND A 200 LB CONCENTRATED LOAD APPLIED IN ANY DIRECTION AND AT ANY POINT ON THE TOP RAIL.
5. POSTS SHALL NOT INTERRUPT THE CONTINUATION OF THE TOP RAIL AT ANY POINT ALONG THE RAILING, INCLUDING CORNERS AND END TERMINATIONS (OSHA 1910.23). THE TOP SURFACE OF THE TOP RAILING SHALL BE SMOOTH AND SHALL NOT BE INTERRUPTED BY PROJECTED FITTINGS.
6. THE MID-RAIL AT A CORNER RETURN SHALL BE ABLE TO WITHSTAND A 200 LB LOAD WITHOUT LOOSENING. THE MANUFACTURER IS TO DETERMINE THIS DIMENSION FOR THEIR SYSTEM AND PROVIDE PHYSICAL LABORATORY TESTS TO CONFIRM COMPLIANCE.
7. CONCRETE ANCHORS SHALL BE STAINLESS STEEL TYPE 303 OR 304 AND SHALL BE FURNISHED BY THE HANDRAIL MANUFACTURER. THE ANCHOR DESIGN SHALL INCLUDE THE APPROPRIATE REDUCTION FACTORS FOR SPACING AND EDGE DISTANCES IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED DATA.
8. TOE PLATE SHALL CONFORM TO OSHA STANDARDS. TOE PLATE SHALL BE A MINIMUM OF 4" HIGH AND SHALL BE BE AN EXTRUSION THAT ATTACHES TO THE POSTS WITH CLAMPS THAT WILL ALLOW FOR EXPANSION AND CONTRACTION BETWEEN POSTS. TOE PLATES SHALL BE SET 1/4" ABOVE THE WALKING SURFACE. TOE PLATES SHALL BE PROVIDED ON HANDRAILS AS REQUIRED BY OSHA AND/OR AS SHOWN ON DRAWINGS. TOE PLATES SHALL BE SHIPPED LOOSE IN STOCK LENGTHS FOR FIELD INSTALLATION.
9. FINISH SHALL BE ALUMINUM ASSOCIATION M10-C22-A41 (Z15-R1). THE PIPE SHALL BE PLASTIC-WRAPPED. THE PLASTIC WRAP IS TO BE REMOVED AFTER ERECTION.
10. ALUMINUM SURFACES IN CONTACT WITH CONCRETE, GROUT OR DISSIMILAR METALS WILL BE PROTECTED WITH A COAT OF BITUMINOUS PAINT, MYLAR ISOLATORS OR OTHER APPROVED MATERIAL.
11. CONCRETE ANCHOR DIAMETER, EDGE DISTANCES, EMBEDMENT, AS WELL AS POST SPACINGS, TO BE DETERMINED UPON ANCHOR SELECTION.
12. IT IS THE INTENT OF THE PLANS THAT ALL HANDRAIL SHALL BE SIDE MOUNTED. TOP MOUNT CONNECTION OF HANDRAIL MAY BE ALLOWED UPON APPROVAL OF THE ENGINEER AND CITY OF NIXA.



ALUMINUM I-BEAM DETAIL
SCALE: 1" = 1'

TYPICAL SAFETY GATE SPECIFICATIONS

1. SAFETY GATE SHALL BE THE PRODUCT OF A COMPANY NORMALLY ENGAGED IN THE MANUFACTURE OF SUCH GATES.
2. THE SAFETY GATE SHALL BE MADE OF PIPES JOINED TOGETHER WITH COMPONENT FITTINGS. SAMPLES OF ALL COMPONENTS SHALL BE SUBMITTED FOR APPROVAL AT THE REQUEST OF THE ENGINEER. COMPONENTS THAT ARE POP-RIVETED OR GLUED AT THE JOINTS WILL NOT BE ACCEPTABLE. ALL COMPONENTS MUST BE MECHANICALLY FASTENED WITH STAINLESS STEEL HARDWARE. SAFETY GATE SHALL BE AS MANUFACTURED BY THOMPSON FABRICATING, LLC (BIRMINGHAM, ALABAMA) OR AN APPROVED EQUAL.
3. SAFETY GATE SHALL BE SELF-CLOSING.
4. SAFETY GATE SHALL BE EQUIPPED WITH TOP RAIL AND MID RAIL, OR EQUIVALENT INTERMEDIATE MEMBERS, THAT MEET OSHA REQUIREMENTS.
5. SAFETY GATE SHALL BE DESIGNED TO WITHSTAND A 200 LB CONCENTRATED LOAD (TOP RAIL) AND 150 LB CONCENTRATED LOAD (MID RAIL) APPLIED IN ANY DIRECTION AND AT ANY POINT.
6. SAFETY GATE SHALL HAVE A TOP RAIL HEIGHT OF 42 INCHES, PLUS/MINUS 3 INCHES.
7. SAFETY GATE SHALL SWING AWAY FROM THE VERTICAL MIXERS IN THE OXIDATION DITCH.
8. SAFETY GATE INSTALLATION SHALL NOT CONTAIN A VERTICAL OPENING GREATER THAN 19 INCHES.



ALUMINUM WALL PLATE DETAIL
NTS