

REQUEST FOR PROPOSALS
PORT DOCK IMPROVEMENTS
FOR
THE PORT AUTHORITY OF KANSAS CITY GOVERNOR MICHAEL L PARSON
PORT TERMINAL

The Port Authority of Kansas City, Missouri, ("Port KC"), requests submittal of proposals from qualified and experienced General Contractors to enter into a construction contract ("Contract") per engineering plans, for a barge dock and barge winching system at the Governor Michael L Parson Port Terminal, located at 1723 Market St, Kansas City Mo 64105, as generally depicted in **EXHIBIT A**, attached hereto.

This RFP is an invitation by Port KC for proposers to submit an offer, which may be subject to subsequent discussions and negotiations. It is not a request for a competitive bid. By submitting a proposal, the proposer agrees that the proposer does not obtain any right in or expectation to a Contract with Port KC or a vested interest or a property right in a Contract with Port KC, regardless of the amount of time, effort and expense expended by the proposer. Each proposer shall be solely responsible and liable for any and all costs incurred by such proposer.

Businesses owned and controlled by socially and economically disadvantaged individuals will be afforded full opportunity to submit proposals in response to this RFP and will not be discriminated against on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in consideration for an award.

EXAMINATION OF ALL RFP DOCUMENTS AND REQUIREMENTS

Each proposer shall carefully examine all RFP documents and thoroughly familiarize themselves with all RFP requirements prior to submitting a proposal to ensure that proposer's proposal meets the intent and requirements of this RFP.

Before submitting a proposal to Port KC, each proposer shall be responsible for making all investigations and examinations that are necessary to ascertain any and all conditions and requirements that affect the requirements of this RFP. Failure to make such investigations and examinations shall not relieve the proposer from proposer's obligation to comply, in every detail, with all provisions and requirements of the RFP.

By submitting a proposal to Port KC, the proposer certifies that they have provided Port KC with written notice of all ambiguities, conflicts, mistakes, errors or discrepancies that proposer has discovered in the RFP.

TIMELINE

The following timeline shall be applicable unless modified by Port KC pursuant to addendum to this RFP:

- RFP issued: March 11th, 2024.
- Deadline for questions: March 26th, 2024 - 5:00 PM (CT)
- Due date for proposals: April 1st, 2024 - 12:00 PM (CT)
- Proposals provided to Selection Committee: April 2nd, 2024.
- Selection Committee shortlists proposals: April 4th, 2024
- Interviews of shortlisted proposers (if desired by Selection Committee): April 5th, 2024
- Contract negotiation/execution: April 22nd, 2024.

Site Visit. Any proposer wishing to visit and inspect the Terminal must contact Richard Grenville, Vice President of Multimodal Logistics, at RGrenville@portkc.com or (816) 559-3726 to make appropriate arrangements. Any site visits must be completed prior to March 14th, 2024. Proposers are encouraged to plan accordingly and allow time for the scheduling of a mutually workable date and time. Port KC may elect to facilitate individual site visits or group site visits based on the level of interest and Port KC staff availability.

Questions. Port KC has retained the firms of TranSystems, Braun Intertec, and GHD Inc. as the Owners Engineer's for this project. The firms will serve as Owner's Representatives through the procurement and construction of the project. Any general questions, requests for clarification or notices of ambiguities, conflicts, mistakes, errors, or discrepancies in this RFP must be submitted in writing to Chad Banka, PE at CCBanka@transystems.com before March 26th, 2024 at 5:00 PM (CT). All questions, requests and notices will be routed from to the appropriate Port KC staff member(s) without further action by the inquirer. All questions and answers will be distributed anonymously to all potential proposers.

With the exception of the site visit, proposers shall not contact individual Port KC staff members for purposes of discussing this RFP. Failure to follow this procedure may result in a proposer's disqualification.

Submittal. Proposers shall submit one (1) electronic copy and four (4) hard copies of their proposal. Proposals will be accepted by Port KC at 110 Berkley Plaza, Kansas City, Missouri, 64120, until April 1st, 2024 at 12:00 PM (CT). Any proposals, modifications, or revisions received by Port KC after that date and time will not be considered. It is the proposer's responsibility to ensure timely receipt by Port KC at the location designated herein.

Notwithstanding anything herein to the contrary, Port KC reserves the right to change or extend any and all dates including the due date for proposals for any reason and at any time, including after the due date for proposals shall have expired.

SCOPE OF SERVICES

The selected proposer will obtain all required permits and perform all work necessary to complete the project in conformity with the Engineering Documents. The final and controlling Scope of Services will be included in the Contract, following negotiations with the selected proposer.

SUBMISSION REQUIREMENTS

Proposers must use the following outline to organize their proposals and to provide all of the required information. This will simplify the review process and permit the maximum degree of comparison by Port KC.

1. TITLE PAGE

Indicate the proposer's complete legal name (and the name under which the proposer is doing business if different than the legal name), the form of legal entity (corporation, limited liability company, general or limited partnership or sole proprietorship, etc., if not evident from the legal name), local address, telephone number and facsimile number, and contact person and title.

2. TABLE OF CONTENTS

The table of contents must clearly identify the material included in the submission by section and page number.

3. TRANSMITTAL LETTER

The proposer must include a signed letter of transmittal briefly stating:

- The proposer understands of the Scope of Services to be provided.
- Positive commitment to perform the Scope of Services.
- Why the proposer believes it to be qualified to perform the Scope of Services.
- The title of the person signing the letter, indicating his or her title, and stating that he or she is authorized to bind the proposer.

4. BUSINESS PROFILE

- State whether the proposer's experience is local, regional or national.
- State the location of the proposer's central office and the number of professional staff employed at that office.
- Provide a brief history of the proposer.

- Indicate any past or present relationship of the proposer to Port KC and the nature thereof.

5. QUALIFICATIONS

- Provide a list of professional references;
- Describe all violations/citations and pending litigation which involve the proposer and/or its principals

6. CERTIFICATIONS

- Certify that the proposer has no conflict of interest with regard to services to be provided pursuant to the construction agreement contemplated by this RFP.
- Certify that the proposer has familiarized itself with the Mandatory Terms of the Contract contemplated by this RFP and will comply with the same.
- Certify that neither the proposer nor its principals are presently debarred or suspended by any Missouri department or agency from the award of any work funded in whole or in part with state funds.

7. AFFIDAVIT OF NON-COLLUSION

- Execute and attach the Affidavit of Non-Collusion, attached hereto as **EXHIBIT B.**

8. COMPENSATION STRUCTURE

- Provide a schedule of pricing per the Engineering Documents as follows:

SUMMARY OF QUANTITIES		
Item	Quantity	Unit
Site		
Mobilization	1	LSUM
Permitting	1	LSUM
Site Grading	1	LSUM
Construction Staking	1	LSUM
Erosion Control	1	LSUM
Site Safety Control	1	LSUM
*Slope Stabilization	1,100	SY
Concrete, 5000 PSI - 12" Tk., #5@12" Cnt. (Top & Bot.)	1,200	SY
Aggregate Base	270	CY
**Removal of Existing Structures	1	LSUM
Sheet Pile Bulkhead		
Sheet Pile	50	PAIRS
King Pile	52	EA
Tie-Back Anchors	100	EA
Whaler	340	LF
***Granular Fill	20,200	CY
Anchor Proof Testing	1	LSUM
****Verification Test Pile (For Anchors)	2	EA
Barge Test Borings	3	EA
Compaction of Fill (above active waterline)	1	LSUM
Compaction of Fill (below active waterline)	1	LSUM
Winch		
Winch	2	EA
H-Piles	8	EA
Concrete Pile Cap	2	EA
Mooring Dolphin	2	EA
Electrical	1	LSUM

JOB SPECIAL PROVISIONS

- **Mobilizations** shall include ALL costs for delivery of equipment and supplies needed at the jobsite for this project and removal after completion.
- **Permitting** see Appendix A Page S 102 General notes.
- **Site Grading** see Appendix A Page S102 note 7.
- **Construction Staking** see Appendix A Page G001 General notes.
- **Erosion Control** see Appendix A page G001 note 6.
- **Site Safety Control** see Appendix A page G001 note 6.
- **Anchor Proof Testing** see Appendix A page S201 "Testing".
- **Compaction of Fill** see Appendix A page S101 note 7.
- **Electrical** see Appendix A page S304 winch notes and specs.

SELECTION PROCESS

Proposals will be evaluated by a selection committee of not less than three (3) Port KC staff members selected by Port KC's President & CEO (the "Selection Committee").

Upon receipt of the proposals, the Selection Committee will review each proposal to determine

consistency with the requirements of this RFP, and may summarily reject any proposals that are deemed non-responsive by virtue of their non-compliance or non-conformity.

The Selection Committee will develop a shortlist of the best proposals. The Selection Committee may determine that interviews with one or more proposers is necessary, but no proposer will be entitled to an interview except upon request of the Selection Committee. During any interviews, the proposer will present their proposal in keeping with the goals and criteria described in this RFP. The Selection Committee will then rank the shortlisted proposals.

Port KC will enter into negotiations with the top ranked proposer. In the event they are unable to agree upon terms, Port KC will proceed down the list by ranked order until such time as the terms of a Contract have been successfully negotiated or Port KC elects, in its sole discretion, to terminate the RFP.

Any evaluation criteria or weighting of criteria is used only as a tool to assist in selecting the best proposal. Evaluation scores or ranks do not create any right in or expectation to a Contract with Port KC regardless of any score or ranking given to any proposal. In other words, even if the Selection Committee gives a proposal the highest rank, the proposer still has no expectation of a Contract with Port KC and Port KC may choose to contract with any other proposer regardless of the score or rank of the other proposer.

Port KC will develop the criteria for scoring and ranking proposals and may change criteria and criteria weights at any time including after the due date for proposals.

RESERVATION OF RIGHTS IN SELECTION PROCESS

The Selection Committee, in reviewing and ranking proposals, and Port KC, in negotiating the terms of any Contract with the ranked proposers, may do any or all of the following:

- Interview none, one, some or all of the proposers who submit proposals;
- Discuss and negotiate anything and everything with any proposer or proposers at any time;
- Request additional information from any or all proposers;
- Request a proposer or proposers to submit a new proposal;
- Request one or more best and final proposals from any or all proposers;
- Accept and reject any proposal in whole or in part;
- Require a proposer or proposers to make modifications to their initial proposals;
- Reject all proposals.
- Pick and choose services the combination of services desired.
- Expand or decrease the scope of services.

Without limiting the foregoing, Port KC reserves the absolute and unconditional right to reject any or all proposals received in response to this RFP at any time prior to the execution of any Contract.

DISPOSITION OF PROPOSALS

Port KC reserves the right to reject any and all proposals, to accept portions of any proposal(s), and to negotiate the terms of any proposal(s) in determining whether to award any Contract.

WAIVER OR MODIFICATION OF RFP REQUIREMENTS

Port KC, in its sole discretion, may waive or modify everything or anything contained in this RFP at any time including after the proposal due date. If Port KC modifies the RFP after the due date for proposals, Port KC may, in its sole discretion, solicit new proposals in an amended RFP from anyone or everyone regardless whether a person submitted a proposal in response to the original RFP.

Port KC reserves the right to waive informalities or irregularities in proposals, to accept or reject any or all proposals, to cancel this RFP in part or in its entirety, and to re-solicit proposals if it is in the best interest of Port KC as determined by Port KC in its sole discretion.

SUBMITTAL OF PROPOSAL

Any incomplete proposal may be rejected by Port KC or the Selection Committee.

By submitting a proposal, proposer agrees that proposer's proposal shall constitute a firm irrevocable offer to Port KC that proposer shall not withdraw or modify without Port KC's approval for one hundred eighty (180) days after the proposal due date. Proposer agrees that even if Port KC negotiates or makes a counter offer to proposer on proposer's original proposal or any subsequent proposal submitted by proposer, proposer grants to Port KC, in Port KC's sole discretion, the unconditional right for Port KC to accept proposer's original proposal and Port KC's negotiation or counter offer shall not be deemed to be a counter offer.

OWNERSHIP OF PROPOSALS

By submitting its proposal, proposer hereby agrees that proposer's proposal and any supplementary material submitted by the proposer shall become property of Port KC.

CLOSED RECORDS

All proposals including interviews, presentations and documents, and meetings relating thereto may remain closed records or meetings under the Missouri Sunshine Law until an Agreement is executed or until all proposals are rejected by Port KC. If Port KC amends this RFP, proposals submitted in response to the original RFP may remain closed records until a Contract is executed or all proposals submitted in response to the amended RFP are rejected.

MANDATORY TERMS

The following shall be mandatory requirements of any Contract awarded pursuant to this RFP ("Mandatory Terms"). Any references herein, or in the applicable Exhibits, to "Contractor" shall be deemed to refer to the selected proposer under this RFP.

Buy American. Pursuant to the requirements of Section 34.353, RSMo, any manufactured goods or commodities used or supplied in performing the Scope of Work shall be manufactured or produced in the United States. This provision may be waived in the event only one line of a particular good or product required for the performance of the Scope of Work is manufactured or produced in the United States.

MoDOT Requirements. The funding for the project is a combination of Port KC and State of Missouri funds. Therefore, all standard MoDOT contract requirements will be included and enforced in any Contract.

Environmental Permitting. Any permits required by any applicable federal, state or local jurisdiction for the performance of the Scope of Work shall be secured by the Contractor and no work shall be permitted to commence or continue in the absence of such permits.

Indemnification. The Contractor shall indemnify, defend and hold harmless Port KC and any of its agencies, officials, officers, or employees from and against all claims, damages, liability, losses, costs, and expenses, including reasonable attorneys' fees, arising out of or resulting from any acts or omissions in connection with the Contract, caused in whole or in part by the Contractor, its employees, agents or subcontractors, or caused by others for whom the Contractor is liable.

Workforce Protections. See **EXHIBIT C**, attached hereto.

Prevailing Wages. See **EXHIBIT D**, attached hereto.

M/WBE. See **EXHIBIT E**, attached hereto.

Construction Workforce. See **EXHIBIT F**, attached hereto.

Insurance. See **EXHIBIT G**, attached hereto.

EXHIBIT A



LOCATION PLAN
NOT TO SCALE

SEE Page 29 for Plans and instructions

EXHIBIT B

AFFIDAVIT OF NON-COLLUSION

State of Missouri)
County of)

_____, being first duly sworn, deposes and says that:

1. They are the (owner, partner, officer, representative, or agent) of _____, the proposer that has submitted the attached proposal;
2. They are fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;
3. Such proposal is genuine and is not a collusive or sham proposal; and that all statements made and fact set out in the proposal are true and correct;
4. Neither the said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest including this affidavit, has in any way colluded, considered, connived, or agreed, directly or indirectly with any other proposer, firm, or person, to submit a sham proposal in connection with the Contract for which the attached proposal has been submitted or to refrain from proposing in connection with such Contract; or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other proposer, firm, or person to fix the price or prices in the attached proposal or of any other proposer, or to fix the overhead, profit, or cost element of the proposed price of the other proposers, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against Port KC or any person interested in the proposed Contact.
5. The price or prices quoted in the attached proposal are fair and proper, and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affidavit; and

6. They further certify that proposer is not financially interested in or financially affiliated with any other proposer on this project.

Signed: _____

Title: _____

Subscribed and sworn to before me this _____ day of _____, 20__.

Notary Public

My Commission expires: _____

EXHIBIT C

A. Bonds

1. Performance Bond.

Contractor shall obtain and deliver to Port KC a payment bond naming Port KC as obligee, which payment bond shall be in an amount not less than the total Contract amount.

2. Payment Bond.

Contractor shall obtain and deliver to Port KC a payment bond naming Port KC as obligee, which payment bond shall be in an amount not less than the total Contract amount.

B. Prompt Pay

Contractor shall pay to its subcontractors and material suppliers, within fifteen (15) days after each payment from Port KC (or such shorter time as their respective contract(s) might provide for), those sums due the same under the terms of their respective contract(s), except that any retention shall not exceed five percent (5%). In the event that a payment is not timely made by Contractor, in whole or in part, on the grounds that the work, or any portion thereof, was not deemed suitable for payment, Contractor shall provide the subcontractors and material suppliers with a written explanation for the withholding or deductions. If Contractor shall fail to make a payment in full within the time allotted herein, without reasonable cause, Contractor shall pay its subcontractors and material suppliers, in addition to any payment due them, interest in the amount of not less than one and one-half percent per month (or such greater interest as their respective contract(s) might provide for), calculated from the date payment was due.

C. OSHA 10-Hour

Contractor shall provide a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program for their On-Site Employees which includes a course in construction safety and health approved by OSHA or a similar program approved by the State of Missouri's Department of Labor and Industrial Relations which is at least as stringent as an approved OSHA program, unless such On-Site Employees have previously completed the required program. All On-Site Employees who have not previously completed the program are required to complete the program within sixty (60) days of beginning work on the Project. Any On-Site Employee found on a work site subject to this paragraph without documentation of the successful completion of the required course shall be afforded twenty (20) days to produce such documentation and Contractor shall cause those failing to do so to be removed from the work site until such time as they shall be in compliance.

The failure to comply with the requirements of this paragraph C may subject Contractor to the payment of statutory penalties to Port KC. Contractor shall incur a statutory penalty of two thousand five hundred dollars (\$2,500) plus one hundred dollars (\$100) for each On-Site Employee employed by Contractor, for each calendar day, or portion thereof, such employee is employed without the required training within the time limits allotted herein. In the event that Port KC shall become entitled to statutory penalties, Port KC shall be entitled to collect the same in any manner authorized by the provisions of any agreement or contract, however denominated, to which the provisions of this Workforce Protections Policy shall be attached or incorporated by reference. Any statutory penalties shall be imposed and collected, if due, consistent with the procedures established by Section 292.675, RSMo.

Contractor shall contractually require its subcontractors of every tier to adhere to the requirements of this paragraph C in every regard.

For purposes of this paragraph C, the following definitions shall be applicable:

"Directly engaged in construction" shall mean work performed in the actual erection of the structure or completion of the Project. In addition, employees working at a nearby or adjacent facility used by Contractor or its subcontractors for construction of the Project shall be deemed on-site employees. Persons engaged solely in the transportation of materials, fuel, or equipment to the site of the Project shall not be deemed to be directly engaged in construction.

"On-site employee", laborers, workmen, drivers, equipment operators, and craftsmen employed by Contractor or its subcontractors to be directly engaged in construction at the site of the Project.

D. E-Verify

Contractor shall not employ any person on the Project who does not have the legal right or authorization under federal law to work in the United States, as defined in 8 U.S.C. 1324a(h)(3). Contractor shall execute an "Employee Eligibility Verification Affidavit" and shall attach thereto documentation sufficient to establish Contractor's

enrollment and participation in an electronic verification of work program operated by the United States Department of Homeland Security (E- Verify) or an equivalent federal work authorization program authorized by the United States Department of Homeland Security to verify information of newly hired employees, under the Immigration Reform and Control Act of 1986. For those Contractors enrolled in E-Verify, the first and last pages of the E- Verify Memorandum of Understanding that Contractor will obtain upon successfully enrolling in the program shall constitute sufficient documentation for purposes of complying with this paragraph D. Contractor shall submit the affidavit and attachments to Port KC prior to commencement of the Project, or at any point during the term of the Project if requested by Port KC.

Contractor shall contractually require its subcontractors of every tier to adhere to the requirements of this paragraph D in every regard.

EXHIBIT D

The “Prevailing Wage Requirements” shall collectively refer to the following:

- A. Sections 290.210 to 290.340, RSMo, the State of Missouri Prevailing Wage Law (“Law”); and
- B. 8 CSR 30-3.010 to 8 CSR 30-3.060, the Prevailing Wage Law Rules (“Rules”); and
- C. The Annual Wage Order (“Wage Order”) issued by the State of Missouri’s Department of Labor and Industrial Relations; and
- D. Any applicable Annual Incremental Wage Increase (“Wage Increase”) to the Wage Order.

In accordance with the provisions of the Prevailing Wage Requirements, Contractor will pay or cause to be paid the applicable prevailing hourly rate of wages to all workers entitled to the same. If and to the extent the Prevailing Wage Requirements are applicable, Contractor will take whatever lawful steps are necessary to ensure that prevailing hourly rate of wages are paid by Contractor and all subcontractors thereunder, of every tier, according to the type of work being performed.

In order to monitor the payment of the prevailing hourly rate of wages, Contractor shall do the following with respect to any and all Prevailing Wage Applicable Work:

- i. Post and require all subcontractors to post and keep posted a clearly legible statement of all prevailing hourly rate of wages to be paid to the workers in a prominent and easily accessible place at the location of the Prevailing Wage Applicable Work; and
- ii. Complete and require all subcontractors to complete Port KC’s “Daily Labor Force Report” for each calendar day that Prevailing Wage Applicable Work is being performed, and remit the same not less than weekly; and

- iii. Complete and require all subcontractors to complete Port KC's "Certified Payroll Report" for each calendar week that Prevailing Wage Applicable Work is being performed, and remit the same not more than two weeks after the close of the applicable payroll reporting period; and
- iv. Complete weekly interviews with randomly selected workers to identify any potential compliance issues; and
- v. Review every Daily Labor Force Report in conjunction with the applicable Certified Payroll Report and identify any errors, omissions, or entries inconsistent with the Prevailing Wage Requirements; and
- vi. Correct and require all subcontractors to correct any errors, omissions or entries inconsistent with the Prevailing Wage Requirements that are identified during such review of the same, and to remit to the affected workers any additional sums determined to be due as a result of such corrections; and
- vii. Remit to Port KC, once per month, the Certified Payroll Reports as corrected, if applicable. (The corresponding Daily Labor Force Reports shall **not** be submitted to Port KC but shall be retained as otherwise provided for herein, and are subject to review by Port KC and its authorized agents upon their request); and
- viii. File with Port KC, not more than thirty (30) days following the completion of the Prevailing Wage Applicable Work, the "Affidavit of Compliance With Prevailing Wage Requirements" for the purpose of certifying their compliance with the Prevailing Wage Requirements.

All records submitted with respect to the Prevailing Wage Requirements or otherwise herein required shall be retained by Contractor for not less than three (3) full year following the date upon which Contractor submits to Port KC the "final" Certified Payroll Reports for the Prevailing Wage Applicable Work, and shall be made available for review by Port KC and its authorized agents upon request. Port KC shall have the absolute right to audit Contractor's compliance with the provisions of this document and to examine, in whole or in part, any records which Contractor is required to obtain and retain, and to interview any workmen in connection therewith. Contractor shall grant Port KC or its authorized representative access to such records and workmen, if applicable, during business hours, and shall make such records and workmen available at the location of the Prevailing Wage Applicable Work or such other location in reasonable proximity thereto as Port KC may identify. Contractor shall require its contract management firm, if applicable, to comply with this Prevailing Wages Policy in every regard.

Contractor is solely responsible for ensuring that its subcontractors comply with the provision of the Prevailing Wage Requirements and shall be the sole point of contact for Port KC with respect such matters. Contractor shall not instruct its subcontractors to submit any documentation required by this Prevailing Wages Policy or the Prevailing Wage Requirements

directly to Port KC unless Port KC and Contractor shall have mutually agreed otherwise in writing. Any documentation not otherwise submitted through Contractor may be rejected by Port KC in its sole discretion, in which case Contractor shall resubmit such materials.

If any allegations or inquiries are made with respect to any potential violations of the Prevailing Wage Requirements, or if Contractor's review of the Daily Labor Force Reports and Certified Payroll Reports indicates a violation, Contractor must notify Port KC in writing within five (5) days of learning of such allegation, inquiry or violation. Contractor must follow up with the relevant contractor(s) and subcontractors thereunder until all allegations, inquiries or violations are satisfactorily resolved and disclose the resolution to Port KC, in writing, within five (5) days following the resolution of all such allegations, inquiries or violations.

If any violations of the Prevailing Wage Requirements are not resolved to the satisfaction of Port KC, Port KC may identify, by written notice to Contractor, the workers claiming to have been underpaid, the days they claim to have been underpaid, and the amounts they claim to have been underpaid. Contractor will have ten (10) days following receipt of such notice, or such longer time as Port KC may authorize in writing, to respond to the notice. Contractor will be given reasonable notice and an opportunity to be heard on the matter. Based on the information in the notice, Contractor's response, and such additional information as Port KC determines relevant, Port KC will render a written decision as to the amount, if any, of additional wages Port KC concludes is owed. Within ten (10) days following Contractor's receipt of such Port KC determination, Contractor shall either (i) promptly pay or cause to be paid any such wages that Port KC determines are owed, or (ii) notify Port KC in writing that it disputes Port KC's determination. In the event Contractor elects (ii) above, the matter shall be referred to the State of Missouri's Department of Labor and Industrial Relations for further enforcement action. Notwithstanding the foregoing, nothing herein shall be construed as precluding Contractor from any additional civil and criminal liability imposed by the Prevailing Wage Requirements.

The failure to comply with the Prevailing Wage Requirements may subject Contractor to the payment of statutory penalties to Port KC. Contractor shall incur a statutory penalty of one hundred dollars (\$100.00) for each worker employed, for each calendar day, or portion thereof, such worker is paid less than the prevailing hourly rate of wages for any work done on behalf of Contractor and all subcontractors thereunder. Any statutory penalties shall be imposed and collected, if due, consistent with the procedures established by Law.

EXHIBIT E

Projects shall be subject to the following M/WBE goals unless otherwise waived, in whole or in part, pursuant to this policy:

MBE - 14.7%

WBE - 14.4%

A. Definitions.

Commercially Useful Function: Real and actual services that are a distinct and verifiable element of the contracted work based upon private sector trade or industry standards. Determination that an M/WBE performs a commercially useful function will be made based on the following considerations:

- a. An MBE or WBE performs a commercially useful function when it is responsible for execution of the ordinary and necessary work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the MBE or WBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining the quality and quantity, ordering the material, installing (where applicable) and paying for the material itself. To determine whether an MBE or WBE is performing a commercially useful function, one must evaluate the following:
 1. The amount of work subcontracted; and
 2. Industry practices; and
 3. Whether the amount the enterprise is to be paid under the contract is commensurate with the work it is actually performing; and

4. Whether the MBE or WBE has the skill and expertise to perform work for which it is being utilized; and
 5. The credit claimed for its performance of the work; and
 6. Other relevant factors.
- b. An MBE or WBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of MBE or WBE participation. In determining whether an MBE or WBE is such an extra participant, one must examine similar transactions, particularly those in which MBEs or WBEs do not participate.
 - c. An MBE or WBE firm is not performing a commercially useful function if the MBE or WBE subcontracts a greater portion of the work on a contract or purchases a greater amount of material than would be expected on the basis of normal industry practice for the type of work involved.
 - d. Whether the MBE or WBE is participating in the contract as a middle person or broker in the normal course of that business or trade by purchasing the goods and/or services from another business, thereby qualifying expenditures for such goods and/or services to be counted toward utilization requirements for MBEs and WBEs.
 - e. Whether the MBE or WBE is responsible for the purchase and quality of, and payment for, materials used to perform its work under the contract.

There shall be a rebuttable presumption that, when the MBE or WBE subcontracts a greater portion of the contract work than normal industry practice, the MBE or WBE is not performing a commercially useful function.

Disadvantaged Business Enterprise (DBE): A business concern that meets the federal requirements for certification as a DBE.

Good Faith Waiver: A waiver that is granted by Port KC based upon a showing by a Contractor that despite undertaking in good faith the actions outlined in this Policy, the Contractor may be unable to achieve the M/WBE Goal.

Minority: A person who is a citizen or lawful permanent resident of the United States and who is:

- a. African American, a person whose origins are in any of the Black

racial groups of Africa, and who has historically and consistently identified himself or herself as being such a person; or

- b. Hispanic American and/or Latino American, a person whose origins are in Mexico, Central or South America, or any of the Spanish speaking islands of the Caribbean, (for example Cuba and Puerto Rico) regardless of race, and who has historically and consistently identified himself or herself as being such a person; or
- c. Asian and/or Pacific Islander American, a person whose origins are in any of the original peoples of the Far East, Southeast Asia, the islands of the Pacific or the Northern Marianas, or the Indian Subcontinent, and who has historically and consistently identified himself or herself as being such a person; or
- d. Native American, a person having origins in any of the original peoples of North America, and who maintains tribal affiliation or demonstrates at least one-quarter descent from such groups, and who has historically and consistently identified himself or herself as being such a person.

Minority Business Enterprise (MBE): A for-profit small business concern that:

- a. Is at least 51 percent owned, managed, and independently controlled by one or more minorities; and
- b. Performs a commercially useful function; and
- c. Has been certified by the City of Kansas City, Missouri's Human Relations Department, another state or a political subdivision thereof, or by a reputable chamber or organization whose mission includes the promotion of minority owned business interests, as provided by this policy.

M/WBE Goal: A numerical objective stated as a percentage of contract dollars for participation by MBEs, WBEs or DBEs in providing professional services, construction and the equipping Project.

Woman: A person who is a citizen or lawful permanent resident of the United States and who is a female.

Women's business enterprise (WBE): A for-profit small business concern that:

- a. Is at least 51 percent owned, managed , and independently controlled by one or more women; and

- b. Performs a commercially useful function; and
- c. Has been certified by the City of Kansas City, Missouri's Human Relations Department, another state or a political subdivision thereof, or by a reputable chamber or organization whose mission includes the promotion of minority owned business interests, as provided by this policy.

B. Selection of M/WBEs.

The selection of M/WBEs working on the Project shall be made by Contractor, but shall be drawn from the following sources only:

- i. Those M/WBE entities listed in the Certified Directory maintained by the City of Kansas City, Missouri's Human Relations Department.
- ii. Those M/WBE entities listed in the Certified M/WBE Vendors Directory maintained by the Missouri Office of Equal Opportunity.
- iii. Those M/WBE entities certified as such by another state or a political subdivision thereof.
- iv. Those M/WBEs (or their substantive equivalent) as so certified by any reputable chamber or organization whose mission includes the promotion of minority and women owned business interests.

In the event that M/WBE entities cannot be obtained in an amount sufficient to achieve the M/WBE goals, entities certified as DBEs may be credited towards the M/WBE goals if drawn from the following sources:

Those DBE entities listed in the Certified Directory maintained by the City of Kansas City, Missouri's Human Relations Department

Those DBE entities listed in the Missouri Regional Certification DBE Directory maintained by the Missouri Department of Transportation

Those DBE entities certified as such by another State or a political subdivision thereof.

Any DBE so utilized shall be classified for purposes of M/WBE credit as an MBE or WBE consistent with the status of the person or persons having managerial control of the DBE.

Port KC strongly encourages Contractors to utilize M/WBE firms certified as such by the City of Kansas City, Missouri's Human Relations Department (subparagraph i above) or the Missouri Office of Equal Opportunity (subparagraph ii above) before drawing from any other source. Those firms listed on such directories will be accepted by Port KC without further inquiry. Port KC reserves the right to require that Contractors reasonably establish the basis for its determination that any other entity selected from any other source should be regarded as an M/WBE for purposes of this policy.

C. Required Submission Prior to Contract Award.

Contractor will submit a proposed Contractor Utilization Plan/Request for Waiver prior to the execution of any contract. An automatic request for waiver shall be considered by Port KC if the proposed participation is less than the established M/WBE goals, and Contractor has made a Good Faith Effort to obtain M/WBE participation but was unable to achieve the M/WBE goals.

D. Required Monthly Submissions.

Contractor must electronically submit the following document to compliance@portkc.com by the last calendar day of each calendar month until such time as the construction of the Project has been fully completed.

M/WBE Monthly Utilization Report: This form identifies the M/WBEs utilized and the amounts paid to each throughout the construction of the Project.

E. M/WBE Participation Credit.

The following shall be credited towards achieving the M/WBE goals:

1. One hundred percent (100%) of the dollar amount paid to a general contractor or a subcontractor that is a qualified M/WBE, except as otherwise expressly provided for herein.
2. Sixty percent (60%) of the total dollar amount paid to obtain supplies or goods from a supplier who is a qualified M/WBE
3. Ten percent (10%) of the total dollar amount paid to obtain supplies or goods from a supply broker who is a qualified M/WBE.
4. One hundred percent (100%) of the total dollar amount paid to a manufacturer of construction supplies who is a qualified M/WBE.

NO CREDIT, however, will be given for the following:

1. The dollar amount paid to an M/WBE that does not perform a Commercially Useful Function; and

2. The dollar amount that a M/WBE subcontracts to any contractor not a qualified M/WBE; and
3. Materials and supplies used on the project unless the M/WBE is responsible for negotiating the price, determining quality and quantity, ordering the materials and installing (where applicable) and paying for material itself; and
4. Work performed by an M/WBE in a scope of work other than that in which the M/WBE is certified.

F. **Methods for Securing Participation of M/WBEs and Good Faith Efforts.**

In the event Contractor does not meet M/WBE goals, the efforts taken by Contractor will be evaluated to determine whether Good Faith Efforts were made to secure participation. Good Faith Efforts are efforts that, given all relevant circumstances, Contractor actively and aggressively demonstrates in attempting to meet the M/WBE goals.

G. **Evaluating Good Faith Efforts.** In evaluating good faith efforts, Port KC will consider whether Contractor has performed, or caused to be performed, the following, along with any other relevant factors:

1. **Advertisement.** Advertised opportunities to participate in the contract in general circulation media, trade and professional association publications, small and minority business media, or publications of minority and women's business organizations at least fifteen (15) calendar days prior to any bid or proposal due date. For purposes of this paragraph, advertisements posted in not less than three (3) of the "News and Print Publications" listed on the attachment to this policy shall be deemed sufficient.
2. **Notice.** Provided notice to minority and women's business organizations of specific opportunities to participate in the project at least fifteen (15) calendar days prior to any bid or proposal due date.
3. **Direct Contact.**
 - a. Sent written notices, by certified mail, e-mail or facsimile, to not less than eighty percent (80%) of the M/WBE's listed in the Certified Directory maintained by the City of Kansas City, Missouri's Human Relations Department at least fifteen (15) calendar days prior to any bid or proposal due date.
 - b. Attempted to identify portions of the work for qualified M/WBE participation in order to increase the likelihood of meeting the

goals, including breaking down the scope(s) of work into economically feasible units where reasonably practical.

4. **Contact with Port KC.** Requested assistance in achieving the M/WBE goals from Port KC' s President/CEO and acted on the President /CEO' s recommendations, if any.
5. **Conference.** Conferred with qualified M/WBEs and explained the scope and requirements of the work for which their bids or proposals were solicited.
6. **Negotiations.** Attempted to negotiate in good faith with qualified M/WBEs to perform specific scopes of the Project, not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities.

Written notices and advertisements to be provided pursuant to (1), (2) and (3) above shall include the following information:

- (a) The bid or proposal due date;
- (b) The name of the project;
- (c) The address or general location of the Project;
- (d) The location of plans and specifications for viewing;
- (e) Contact information for the Contractor;
- (f) A general description of the scopes of work that are the subject of the solicitation;
- (g) The date and time of any pre-bid meeting(s) , if any, which have been scheduled; and
- (h) Any other information deemed relevant by the Contractor.

H. Access to Documents and Records

Contractor agrees to permit the Port KC's duly authorized agents or employees access at all reasonable times to the applicable books and business records of Contractor as may be necessary for the limited purposes of ascertaining compliance with the requirements of this policy. Contractor shall require its subcontractors to likewise make its applicable books and records available to the same extent as is applicable to Contractor.

I. Remedies; Liquidated Damages

If Contractor fails to achieve the M/WBE goals as ultimately established in the Contractor Utilization Plan/Request for Waiver approved by Port KC, Port KC will sustain damages, the exact extent of which would be difficult or impossible to ascertain. Therefore, in order to liquidate those damages, the monetary difference between the amount of the M/WBE goals as ultimately established in the Contractor Utilization Plan/Request for Waiver and the amount actually paid to qualified MBEs and WBEs for

performing a commercially useful function will be due from Contractor as liquidated damages.

Liquidated damages will not be imposed when, for reasons beyond the control of Contractor, the M/WBE goals as ultimately established in the Contractor Utilization Plan/Request for Waiver are not met and Contractor otherwise establishes its Good Faith Efforts.

EXHIBIT F

Projects shall be subject to the following goals, unless otherwise waived, in whole or in part, pursuant to this policy:

Minorities	- 10%
Women	- 2%

The goals are expressed as a percentage of the total Construction Labor Hours performed by minorities and women in constructing a Project. Although it is not a requirement that a Contractor meet or exceed the goals, a Contractor not doing so is required to objectively demonstrate to Port KC that good faith efforts have been made. This policy shall not be construed as requiring or encouraging that employment decisions be made, or that the terms and conditions of employment otherwise be altered, based upon race or gender.

A. The following terms shall be defined as follows for purposes of the Construction Workforce Program:

Construction Labor Hour: A sixty minute period of time devoted by a worker in constructing, reconstructing, improving, enlarging or altering any permanent building or structure for the Project.

Good Faith Waiver: A waiver that is granted by Port KC based upon a showing by Contractor that despite undertaking in good faith the actions outlined in this policy, Contractor was unable to achieve the goals.

Minority: A person who is a citizen or lawful permanent resident of the United States and who is:

- a. African American , a person whose origins are in any of the Black racial groups of Africa, and who has historically and consistently identified himself or herself as being such a person ; or
- b. Hispanic American and/or Latino American , a person

whose origins are in Mexico, Central or South America, or any of the Spanish speaking islands of the Caribbean, (for example Cuba and Puerto Rico) regardless of race, and who has historically and consistently identified himself or herself as being such a person; or

- c. Asian and/or Pacific Islander American, a person whose origins are in any of the original peoples of the Far East, Southeast Asia, the islands of the Pacific or the Northern Marianas, or the Indian Subcontinent, and who has historically and consistently identified himself or herself as being such a person; or
- d. Native American, a person having origins in any of the original peoples of North America, and who maintains tribal affiliation or demonstrates at least one-quarter descent from such groups, and who has historically and consistently identified himself or herself as being such a person.

Woman: A person who is a citizen or lawful permanent resident of the United States and who is a female.

II. Required Monthly Submissions.

- A. Contractor must electronically submit the following document to compliance@portkc.com by the last calendar day of each calendar month until such time as the construction of the Project has been fully completed.

Project Workforce Monthly Utilization Report. Two copies of this report must be submitted to the Port KC each month. The first copy will be utilized to report Contractor's workforce compliance data with regard to the Project. The second copy will be utilized to report consolidated workforce compliance data for every subcontractor retained by Contractor on the Project.

III. Methods for Securing Participation and Good Faith Efforts.

- A. Contractor is required to make good faith efforts to achieve the goals. If Contractor will be unable to secure enough minority and female participation to meet or exceed the goals, Contractor must, within a reasonable time after so learning, request a waiver or modification of the goals by Port KC. Port KC will examine the request and the documentation of good faith efforts and grant or deny a Good Faith Waiver, in whole or in part. Port KC will grant a waiver only if Contractor shows a good faith effort has been made to secure minority and female participation in the construction of the Project.

B. Evaluating Good Faith Efforts. In evaluating good faith efforts, Port KC will consider whether Contractor has performed, or caused to be performed, the following , along with any other relevant factors:

1. For those Contractors with a general contractor that is not signatory to a collective bargaining agreement with organized labor:
 - a. Requested in writing the assistance of Port KC with respect to efforts to promote the utilization of minorities and women in the workforce and acted upon Port KC's recommendations; and
 - b. Advertised in minority or women trade association newsletters and/or minority or women owned media at least 15 calendar days prior to the utilization of any construction services and used terminology that sufficiently describes the work available, the pay scale, the application process, and anything else that one might reasonably be expected to be informed of relevant to the position being advertised ; and
 - c. Maintained copies of each advertisement and a log identifying the publication and date of publication; and
 - d. Conducted real and substantial recruitment efforts, both oral and written, targeting resident, minority and women community-based organizations, schools with a significant minority student population, and training organizations serving the recruitment area; and
 - e. Established and maintained a current list of resident, minority and women recruitment sources, providing written notification to the recruitment sources of available employment opportunities, and maintained records of the notices submitted to the organizations and any responses thereto; and
 - f. Maintained a current file for the time period of the Project with the name, address, and telephone number of each resident, minority and woman job applicant, the source of the referral, whether or not the person was hired, and in the event that the applicant was not hired, the reason there fore; and
 - g. Promoted the retention of minorities and women in its workforce with the goals of achieving sufficient annual hours for minorities and women to qualify for applicable benefits; and
 - h. Required by written contract that Contractor's subcontractors comply with the above efforts.
2. For those Contractors with a general contractor that is signatory to collective bargaining agreements with organized labor:
 - a. Requested in writing from each labor union representing crafts

to be employed in the construction of the Project that: (i) The labor union make efforts to promote the utilization of residents of the city, minorities and women in the workforce; and (ii) The labor union identifies any residents of the city, minorities and women in its membership eligible for employment; and

- b. Collaborated with labor unions in promoting mentoring programs for journeypersons intended to assist minorities and women in increasing retention with the goal of achieving sufficient annual hours to qualify for applicable benefits; and
- c. Maintained a current file with the name, address, and telephone number of each resident, minority and woman worker identified by the labor union, whether or not the person was hired, and in the event the person was not hired, the reason therefore; and
- d. Required by written contract that that Contractor's subcontractors comply with the above efforts.

To the extent that the good-faith effort requirements set forth in this section are in conflict with the procedures implemented pursuant to a competitive bargaining agreement, such other procedures, as may be approved by Port KC in writing, may be substituted in order to accomplish the purpose and intent of this section.

IV. Access to Documents and Records

- A. Contractor agrees to permit Port KC's duly authorized agents or employees access at all reasonable times to the applicable books and business records of Contractor as may be necessary for the limited purposes of ascertaining compliance with therequirements of this policy. Contractor shall require its subcontractors to likewise make its applicable books and records available to the same extent as is applicable to Contractor.

V. Remedies; Liquidated Damages

- A. Contractor shall be liable for compliance with the Construction Workforce Program.
- B. If Contractor fails to achieve the goals and the same have not otherwise been waived or modified, Port KC will sustain damages, the exact extent of which would be difficult or impossible to ascertain. Therefore, in order to liquidate those damages, Port KC shall be entitled to collect the sum of three thousand dollars (\$3,000) for each calendar year during which construction on the Project shall have occurred.
- C. Liquidated damages will not be imposed when, for reasons beyond the control of Contractor, the goals are not met and Contractor otherwise establishes Good Faith Efforts.

EXHIBIT G

Contractor shall procure and maintain the policies and coverage listed herein during the term of any Contract.

- I. Commercial General Liability Insurance: with limits of \$1,000,000 per occurrence and \$2,000,000 aggregate, written on an “occurrence” basis. The policy shall be written or endorsed to include the following provisions:
 - a. Severability of Interests Coverage applying to Additional Insured’s;
 - b. Contractual Liability;
 - c. Per Project Aggregate Liability Limit or, where not available, the aggregate limit shall be \$2,000,000;
 - d. Per Location Endorsement;
 - e. No Contractual Liability Limitation Endorsement;
 - f. Additional Insured Endorsement, ISO form CG20, 10, current edition, or its equivalent;
 - g. Primary and non-contributory shall apply; and
 - h. Waiver of Subrogation.
- II. Commercial Automobile Liability Insurance with a limit of \$1,000,000 per occurrence, covering owned, hired, and non-owned automobiles. Coverage provided shall be on an “any auto” basis and written on an “occurrence” basis. Policy requires additional insured, primary and non-contributory and waiver of subrogation. This insurance shall be written on a Commercial Business Auto form, or acceptable equivalent, and shall protect against claims arising out of the operation of motor vehicles, as to acts done in connection with the Agreement.
- III. Worker's Compensation Insurance as required by statute, including Employer’s Liability, with limits of:
 - a. Worker’s Compensation:
 - i. Statutory
 - b. Employer’s Liability:

- i. \$500,000 bodily injury by accident - each accident
- ii. \$500,000 bodily injury by disease – policy limit
- iii. \$500,000 bodily injury by disease – each employee

- IV. USL&H Coverage; and
- V. If applicable, Professional Liability Insurance with limits of not less than \$2,000,000 per claim and annual aggregate.
- VI. Umbrella or Excess Liability coverage with limits of \$10,000,000. Policy requires additional insured, primary and non-contributory and waiver of subrogation.
- VII. Pollution Liability coverage with limits of \$2,000,000.
- VIII. The Commercial General, Automobile, and Umbrella Liability Insurance specified above shall provide that Port KC and its agents, officials, officers, and employees, while acting within the scope of their authority, shall be named as additional insured's for the services performed under the Agreement. At or before execution of the Agreement, the selected Operator must deliver to Port KC a certificate of insurance showing all required coverage, endorsements, and additional insured's, and which will declare that the respective insurer may not cancel or fail to renew the same in whole or in part without giving to Port KC written notice of its intention to cancel or not renew at least thirty (30) days in advance. All insurance coverage must be written by companies that have an A.M. Best's rating of "A-VI" or better and are licensed or approved by the State of Missouri to do business in Missouri.

GOVERNOR MICHAEL L. PARSON PORT TERMINAL

KANSAS CITY, MISSOURI

BULKHEAD AND WINCH IMPROVEMENTS

GENERAL NOTES:

- CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO ALL APPLICABLE CODES AND STANDARDS AND SPECIFICATIONS OF THE PUBLIC WORKS DEPARTMENT OF THE CITY OF KANSAS CITY, MISSOURI, IN CURRENT USAGE. ALL STANDARDS NOT COVERED BY THE STDs. SHALL BE COVERED BY DIVISION II OF THE KANSAS CITY METROPOLITAN CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) SPECIFICATIONS FOR CONSTRUCTION MATERIALS, LATEST EDITION, UNLESS NOTED OTHERWISE.
- ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF KANSAS CITY, MISSOURI, AS APPLICABLE. (WATER MAIN SERVICE CONNECTION)
- THE EXISTING AND PROPOSED UTILITY LOCATIONS SHOWN ON THESE PLANS ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN VERIFIED BY THE OWNER OR ITS' REPRESENTATIVE. UTILITY INFORMATION IS NOT MEANT TO BE ALL INCLUSIVE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION TO PROVIDE NON-INTERRUPTION OF SERVICE. TO ENSURE PROPER CLEARANCES AND TO AVOID DAMAGE THERETO. UTILITIES DAMAGED THROUGH THE NEGLIGENCE OF THE CONTRACTOR TO OBTAIN THE LOCATION OF THE UTILITY SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- ANY PERSON OR FIRM DOING EXCAVATION ON THIS PROJECT SHALL DO SO ONLY AFTER GIVING NOTICE TO AND OBTAINING INFORMATION FROM UTILITY COMPANIES. STATE LAW REQUIRES 48 HOURS ADVANCE THE NAMES AND TELEPHONE NUMBERS OF KNOWN UTILITY COMPANIES, EVEN IF ONLY REMOTELY INVOLVED WITH THIS PROJECT ARE LISTED UNDER "UTILITY COMPANIES" ON THIS SHEET.
- THE CONTRACTOR SHALL UTILIZE THE FOLLOWING TOLL FREE NUMBER PROVIDED BY THE "MISSOURI ONE CALL SYSTEM, INC." 1-800-344-7483). STATE LAW REQUIRES TWO (2) WORKING DAYS NOTICE PRIOR TO EXCAVATION WORK.
- THE CONTRACTOR SHALL PROVIDE FOR CONTROL OF SURFACE EROSION AND SEDIMENT DEPOSITION DURING ALL PHASES OF CONSTRUCTION AND UNTIL THE OWNER ACCEPTS THE WORK AS COMPLETE. THE CONTRACTOR SHALL SILT BARRIER, STRAW BALES OR OTHER MEANS TO PREVENT SEDIMENT FROM REACHING STREAMS OR ADJACENT PROPERTY. IN THE EVENT THE PREVENTION MEASURES ARE NOT EFFECTIVE, THE CONTRACTOR SHALL REMOVE ANY DEBRIS AND SEDIMENT AND RESTORE THE RIGHT-OF-WAY AND ADJACENT PROPERTY TO ORIGINAL OR BETTER CONDITION.
- SUBGRADE AND BACKFILL SHALL BE PREPARED ACCORDING TO APPLICABLE CITY STANDARDS. ALL BACKFILL SHALL BE PROPERLY COMPACTED.
- THE SITE PLAN IS BASED ON A SURVEY BY TALIAFARO & BROWN INC., KANSAS CITY, MISSOURI, DATED NOVEMBER, 2001. CONDITIONS AT THE SITE AT THE TIME OF CONSTRUCTION MAY VARY FROM THE SURVEYED CONDITIONS. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO BEGINNING WORK. NEITHER THE OWNER NOR THE ENGINEER WILL BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF THE DATA AND NO EXPRESSED OR IMPLIED GUARANTEE IS GIVEN OF THE INTERPRETATION THEREOF.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DE-WATERING CONSTRUCTION AREAS IN ORDER TO PERMIT CONTINUATION OF THE WORK. ANY WATER ACCUMULATION SHALL BE REMOVED BY PUMPING.
- CONTRACTOR SHALL, BY HIS OWN INVESTIGATION, AND PRIOR TO COMMENCING WORK, SATISFY HIMSELF AS TO THE SURFACE AND SUB-SURFACE CONDITIONS TO BE ENCOUNTERED.
- CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF EXISTING FEATURES WITHIN THE PROJECT LIMITS, INCLUDING, BUT NOT LIMITED TO DRIVEWAYS, PAVEMENTS, ETC., UNLESS OTHERWISE INDICATED ON THE PLANS. COORDINATE ALL DEMOLITION ACTIVITIES WITH THE OWNER.
- CONTRACTOR SHALL PERFORM THE NECESSARY CLEARING AND GRUBBING AND DEMOLITION TO THE PROPOSED CONSTRUCTION SITE.
- CONTRACTOR SHALL PROVIDE A SUBGRADE FREE OF SOFT AREAS AND SUITABLE FOR PAVING, EVEN IF THIS REQUIRES SUBGRADE PREPARATION TO A DEPTH GREATER THAN THAT SHOWN ON THE TYPICAL PAVEMENT SECTIONS.
- WHERE NEW IMPROVEMENTS ABUT EXISTING IMPROVEMENTS THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING THE ELEVATIONS OF THE EXISTING IMPROVEMENTS.
- PAVEMENT DIRECTION MARKINGS AND PARKING STALL LINES SHALL BE WHITE, EXCEPT AS NOTED OTHERWISE.
- ACCESSIBLE PARKING SYMBOL SHALL BE PAINTED BLUE.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE OWNER. CONTRACTOR SHALL TAKE MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS ON ADJACENT PROPERTIES AND ADJACENT TO THE WORK ACTIVITIES. CONTRACTOR SHALL DOCUMENT THE CONDITION OF EXISTING IMPROVEMENTS ON ADJACENT PROPERTIES AROUND THE PERIMETER OF THE SITE AND WITHIN THE WORK AREA PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO EXISTING IMPROVEMENTS RESULTING FROM CONSTRUCTION ACTIVITIES UNDER THE CONTRACTOR'S CONTROL.
- CONCRETE PAVEMENT JOINTS SHALL BE CONSTRUCTED AS FOLLOWS:
 - LONGITUDINAL CONSTRUCTION JOINTS SPACED AT INTERVALS NOT GREATER THAN 28 FEET AND OF THE KEYED TYPE.
 - LONGITUDINAL CONTRACTION JOINTS SPACED AT INTERVALS NOT GREATER THAN 15 FEET AND SAWED TO 1/3 OF THE SLAB THICKNESS.
 - TRANSVERSE CONSTRUCTION JOINTS AT THE END OF EACH POUR AND WHEN PAVING OPERATIONS ARE SUSPENDED FOR 30 MINUTES OR MORE AND OF THE KEYED TYPE.
 - TRANSVERSE CONTRACTION JOINTS SPACED AT INTERVALS NOT GREATER THAN 15 FEET AND SAWED TO 1/3 OF THE SLAB THICKNESS.
 - ISOLATION JOINTS PLACED WHERE THE PAVEMENT ABUTS DRAINAGE STRUCTURES AND OTHER FIXED STRUCTURES, CONSTRUCTED WITH A 3/4" NON EXTRUDING FILLER, CLOSED-CELL FOAM RUBBER OR A BITUMEN-TREATED FIBER BOARD, AND WITH A THICKEND EDGE, INCREASED BY 33 PERCENT, TAPERED TO THE REGULAR THICKNESS IN 5 FEET, MINIMUM.
 - ALL JOINTS SHALL BE FILLED AND SEALED WITH A SEMI-RIGID JOINT SEALER.



LOCATION MAP

SCALE: 1" = 200'

DRAWING INDEX

STRUCTURAL	
G001	TITLE SHEET
C001	SITE UTILITY PLAN
S001	GENERAL NOTES
S002	GENERAL NOTES
S002	QUANTITIES/ NOTES
S101	OVERALL EXISTING SITE PLAN
S102	SITE PLAN
S103	OVERALL BULKHEAD LAYOUT PLAN
S104	ENLARGE DOCK LAYOUT PLAN
S201	BULKHEAD OVERALL SECTIONS
S301	BULKHEAD SECTIONS & DETAILS
S302	BULKHEAD SECTIONS & DETAILS (PLACE HOLDER)
S303	MOORING DOLPHIN PLANS, SECTION & DETAILS (GHD)
S304	WINCH FOUNDATION PLANS, SECTIONS & DETAILS (GHD)

PROJECT CONTACTS:

RICHARD GRENVILLE
VICE PRESIDENT OF MULTIMODAL
LOGISTICS
RGRENVILLE@PORTKC.COM
816-559-3726

TERRY KELLEY
TRANSPORT360
913-370-2095

EVERGY
AMAR CHEEMA
AMARPREET.CHEEMA@EVERGY.COM
816-289-5610

UTILITY CONTACTS:

AT&T	800-246-8464
BP Pipelines North America	(800)548-6482
Bluebird Network	417-575-7115
CenturyLink/Qwest	800-283-4237
Consolidated Communications	(888) 608-7822
Comcast	(800) 266-2278
Fidelity Communications	800-392-8070
Google Fiber NOC	866-954-1572
Jackson County PWSD 2	*16-353-5550
KCMO Parks & Recreation	816-513-7500
KCMO Street and Traffic Division	816-513-1313
KCMO Street Lighting /Black & McDonald	816-483-0257
KCMO Water Services Dept Dispatcher	816-513-1313
KCMO Water Services Pollution Control	816-513-1313
Evergy	888-471-5275
Little Blue Valley Sewer District Stathers C059-7360	John 816-255-0396
City of Lee's Summit	816-969-7406
City of Lee's Summit Fiber	816-969-7406
Level 3 - Century Link	877-253-8353
Magellan Midstream Partners LP	800-720-2417
Missouri Gas Energy (Laclede) - Spire	800-582-0000
Missouri Department of Transportation	888-275-6636
MISSOURI ONE-CALL	800-344-7483
Raytown Water Company	(816) 356-0333
Raytown Public Works	816-737-6012
Southern Star CGP	800-324-9696
Sinclair Transportation	800-321-3994
Sprint	800-521-0579
Surewest - Consolidated Communications	(888) 608-7822
Spectrum	833-4934939
Tri County Water	816-796-4100
TW Telecom - Century Link	800-829-0420
Unite Private Networks	866-963-4237
Verizon/MCI Communications Inc.	800-624-9675
Zayo	866-236-2824
KCMO Fiber	816-301-6260

TRANSYSTEMS

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 328-8600
FAX: (816) 328-8701

CONSULTANTS:

BULKHEAD AND WINCH IMPROVEMENTS
GOVERNOR MICHAEL L. PARSON PORT TERMINAL

1742 MARKET STREET
KANSAS CITY, MISSOURI
portkc

REVISIONS:

PLANS FOR PRICING
NOT FOR FINAL CONSTRUCTION

02/08/2024

MARK DATE DESCRIPTION

PROJ NO: B101220344
SCALE: AS SHOWN
DATE: 02/08/2024
DESIGNED BY: J.M.D.
DRAWN BY: A.J.K.
CHECKED BY: C.J.F.

SHEET TITLE:

TITLE SHEET

SHEET NO.

G001

SHEET OF

2/9/2024 5:15:04 PM - P:\2023\23052100\DRAWINGS\B101220344-S002.DWG

SUMMARY OF QUANTITIES		
Item	Quantity	Unit
Site		
Mobilization	1	LSUM
Permitting	1	LSUM
Site Grading	1	LSUM
Construction Staking	1	LSUM
Temporary Erosion Control	1	LSUM
Site Safety Control	1	LSUM
*Slope Stabilization	1,100	SY
Concrete, 5000 PSI - 12" Tk., #5@12" Cnt. (Top & Bot.)	1,200	SY
Aggregate Base	270	CY
**Removal of Existing Structures	1	LSUM
Sheet Pile Bulkhead		
Sheet Pile (NZ19x85' Long)	50	PAIRS
King Pile (W44x290 x 90' Long)	52	EA
Tie-Back Anchors	100	EA
Whaler	340	LF
***Granular Fill	20,500	CY
Anchor Proof Testing (100 Anchors)	1	LSUM
****Verification Test Pile (For Anchors)	2	EA
Barge Test Borings	3	EA
Compaction of Fill (<i>Approx. 16,500 CY above active waterline</i>)	1	LSUM
Compaction of Fill (<i>Approx. 4,000 CY below active waterline</i>)	1	LSUM
Stormwater - Junction Box	1	EA
Stormwater - Storm sewer Pipe	40	LF
Concrete Pile Cap (Mooring)	1	EA
H-Pile(s) - HP 14x89	4	EA
Winch		
40,000 lb Winch (Upriver)	1	EA
25,000 lb Winch (Downriver)	1	EA
H-Piles	8	EA
Concrete Pile Cap (Winch)	2	EA
Mooring Dolphin	2	EA
Electrical	1	LSUM

*ASSUMED SOIL NAIL SYSTEM.

**THE LUMP SUM BID ITEM "REMOVAL OF EXISTING STRUCTURES" SHALL INCLUDE ALL COSTS FOR THE REMOVAL OF EXISTING FOUNDATIONS, THREE (3) MOORING DOLPHINS (SHOWN TO BE REMOVED), CONCRETE DOCK AND SUB-STRUCTURE, EXISTING TIMBERS (TO GROUND LINE), EXISTING FILL DEBRIS (NOT BEING UTILIZED), AND ANY OTHER ITEM(S) SLATED FOR REMOVAL FOR WHICH A PAY ITEM IS NOT PROVIDED FOR IN THE PROPOSAL.

*** USE EXISTING ON-SITE MATERIAL AS AVAILABLE. APPROXIMATELY 8,500 CY OF FILL MATERIAL IS AVAILABLE ON-SITE. ORGANICS, TIMBERS, STEEL, ETC. SHALL BE REMOVED FROM EXISTING MATERIAL PRIOR TO PLACING. EXISTING FILL SHALL BE PULVERIZED AS REQUIRED TO MEET GRANULAR FILL REQUIREMENTS.

****TWO TESTS WILL BE TO DEPTHS AT PROPOSED ANCHORS.

OWNER:

CITY OF KANSAS CITY, MISSOURI
C/O: MID-WEST TERMINAL WAREHOUSE CO.
1724 MARKET STREET
KANSAS CITY, MISSOURI 64105

LEGAL DESCRIPTION:

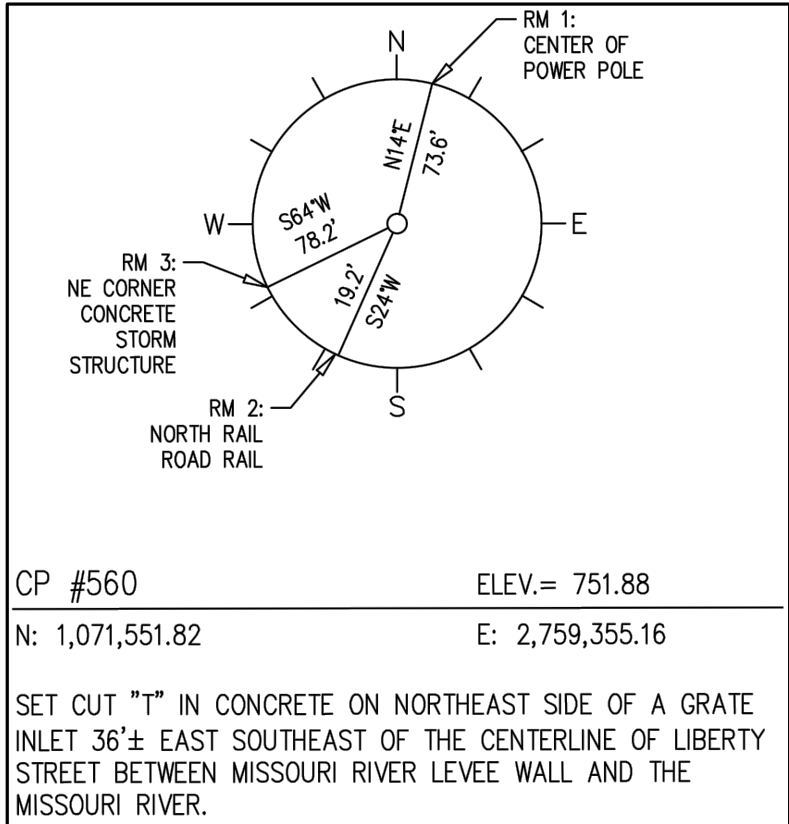
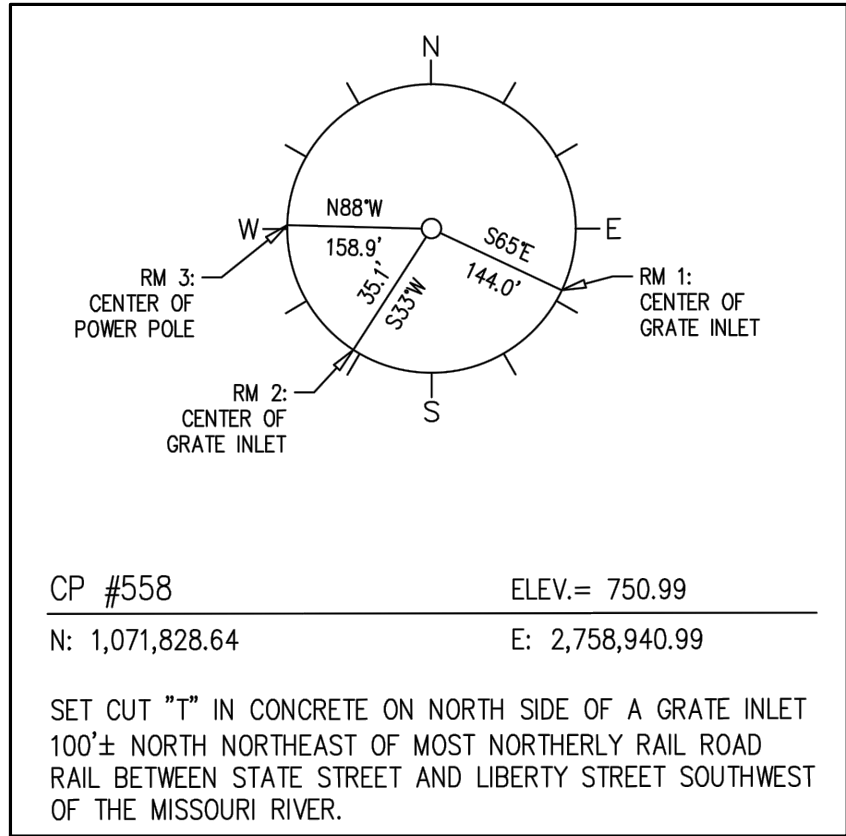
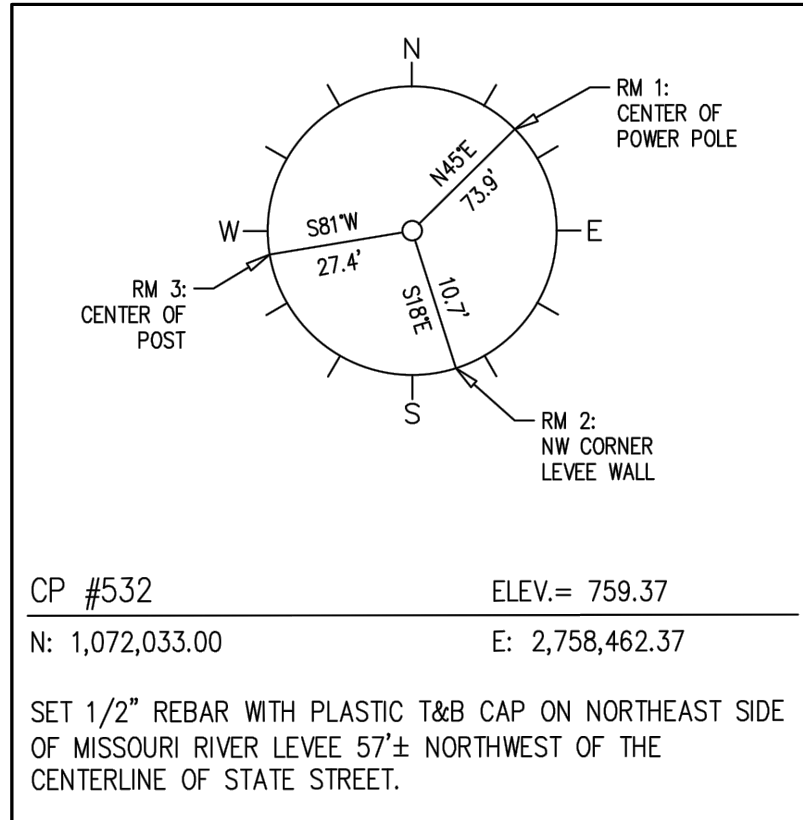
LEGAL DESCRIPTION:
ALL LAND LOCATED SOUTH OF THE U.S. HARBOR LINE AND NORTH OF THE LEVEE, EXTENDING FROM LIBERTY STREET ON THE EAST TO THE MISSOURI-KANSAS STATE LINE ON THE WEST, CONSISTING OF THE FOLLOWING DESCRIBED PROPERTY:
PART OF LOTS 32 THRU 36, AND LOTS 37 THRU 51, INCLUSIVE IN BLOCK 11 AND LOT 23 BLOCK 12, WOODSWETHER INDUSTRIAL DISTRICT, A SUBDIVISION IN KANSAS CITY, MISSOURI, MORE GENERALLY DESCRIBED AS THE AREA LYING NORTH OF THE LEVEE EXTENDING FROM THE WEST LINE OF LIBERTY STREET WEST TO STATE LINE.

SITE NOTES:

WOODSWETHER TERMINAL SITE LOCATED AT MISSOURI RIVER MILE 367.1 IN THE INDUSTRIAL DISTRICT OF KANSAS CITY, MISSOURI.

PROJECT CONTROL				
NAME	GRID COORDINATES		PROJECT COORDINATES	
	NORTHING (usFT)	EASTING (usFT)	NORTHING (usFT)	EASTING (usFT)
CP #532 (BASE POINT FOR SCALING)	1,072,033.00	2,758,462.37	1,072,033.00	2,758,462.37
CL-70	1,074,372.60	2,762,844.03	1,074,372.81	2,762,844.42

THE INFORMATION CONCERNING THE LOCATION OF UNDERGROUND UTILITIES SHOWN HEREON, WHICH ARE NOT VISIBLE FROM THE SURFACE, HAVE BEEN TAKEN FROM THE RECORDS OF THE VARIOUS UTILITY COMPANIES AND FROM FIELD LOCATIONS AS MARKED BY LOCATORS REPRESENTING SAID UTILITY COMPANIES. THESE LOCATIONS ARE NOT TO BE CONSTRUED AS ACCURATE OR EXACT. WHERE MEASUREMENTS WERE NOT AVAILABLE, THE LOCATION OF THESE UNDERGROUND LINES HAVE BEEN SCALED FROM RECORD DRAWINGS. UTILITY LOCATIONS SHOULD BE VERIFIED IN THE FIELD PRIOR TO ANY CONSTRUCTION.
MISSOURI ONE CALL WAS NOTIFIED OCTOBER 27, 2021. TICKET NUMBER 213001025 THE FOLLOWING COMPANIES WERE NOTIFIED: ATT DISTRIBUTION, CITY OF KANSAS CITY SEWER, CITY OF KANSAS CITY STREET, CITY OF KANSAS CITY TRAFFIC, CITY OF KANSAS CITY WATER, LEVEL 3 NOW CENTURYLINK, LINDE INC., MCI, SPIRE MO WEST, AND SPRINT NEXTEL.



TRANSYSTEMS

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 329-8600
FAX: (816) 329-8701

CONSULTANTS:

BULKHEAD AND WINCH IMPROVEMENTS
GOVERNOR MICHAEL L. PARSON PORT TERMINAL
1742 MARKET STREET
KANSAS CITY, MISSOURI



PLANS FOR PRICING
NOT FOR FINAL CONSTRUCTION

02/08/2024

PROJ NO: B101220344
SCALE: N/A
DATE: 02/08/2024
DESIGNED BY: J.M.F.
DRAWN BY: A.J.K. / MS
CHECKED BY: C.J.F.

SHEET TITLE:

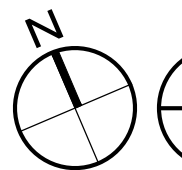
GENERAL
NOTES

SHEET NO.
S002

SHEET OF

2/9/2024 5:15:08 PM - P:\2023\23052100\DRAWINGS\B101220344-S101.DWG

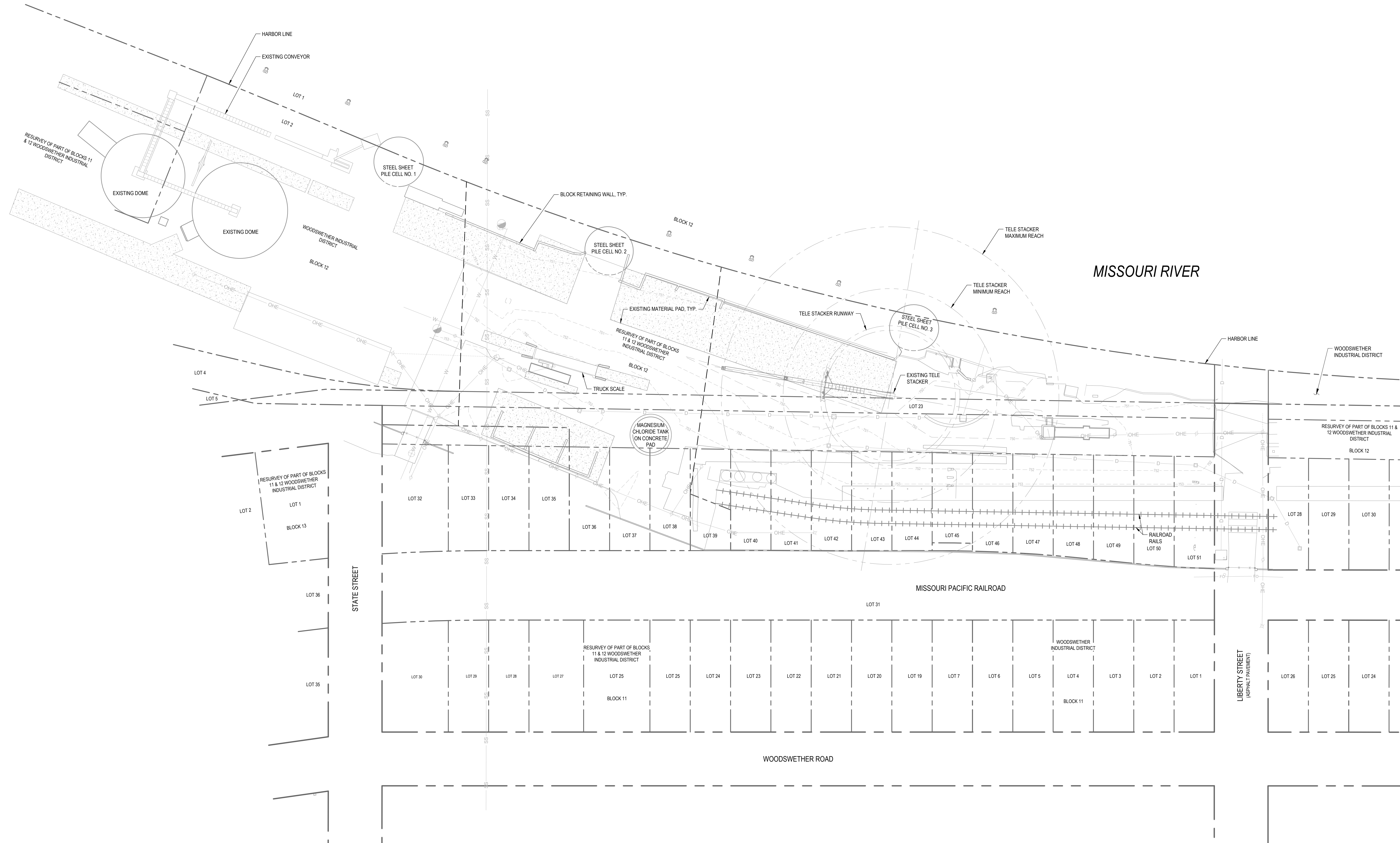
CAUTION:
IF THIS DRAWING IS A REDUCTION,
USE THE GRAPHIC SCALES.



1
S101

OVERALL EXISTING SITE PLAN

SCALE: 1" = 50'-0"



TRANSSYSTEMS

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 325-8600
FAX: (816) 329-8701

CONSULTANTS:

BULKHEAD AND WINCH IMPROVEMENTS
GOVERNOR MICHAEL L. PARSON PORT TERMINAL

1742 MARKET STREET
KANSAS CITY, MISSOURI



REVISIONS:

**PLANS FOR PRICING
NOT FOR FINAL CONSTRUCTION**

02/08/2024

DESCRIPTION

MARK DATE

PROJ NO: B101220344
SCALE: 1" = 50'-0"
DATE: 02/08/2024
DESIGNED BY: J.M.D.
DRAWN BY: A.J.K.
CHECKED BY: C.J.F.

SHEET TITLE:

**OVERALL
EXISTING
SITE PLAN**

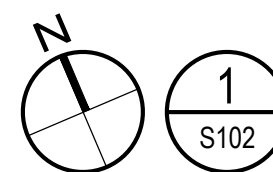
SHEET NO.

S101

SHEET OF

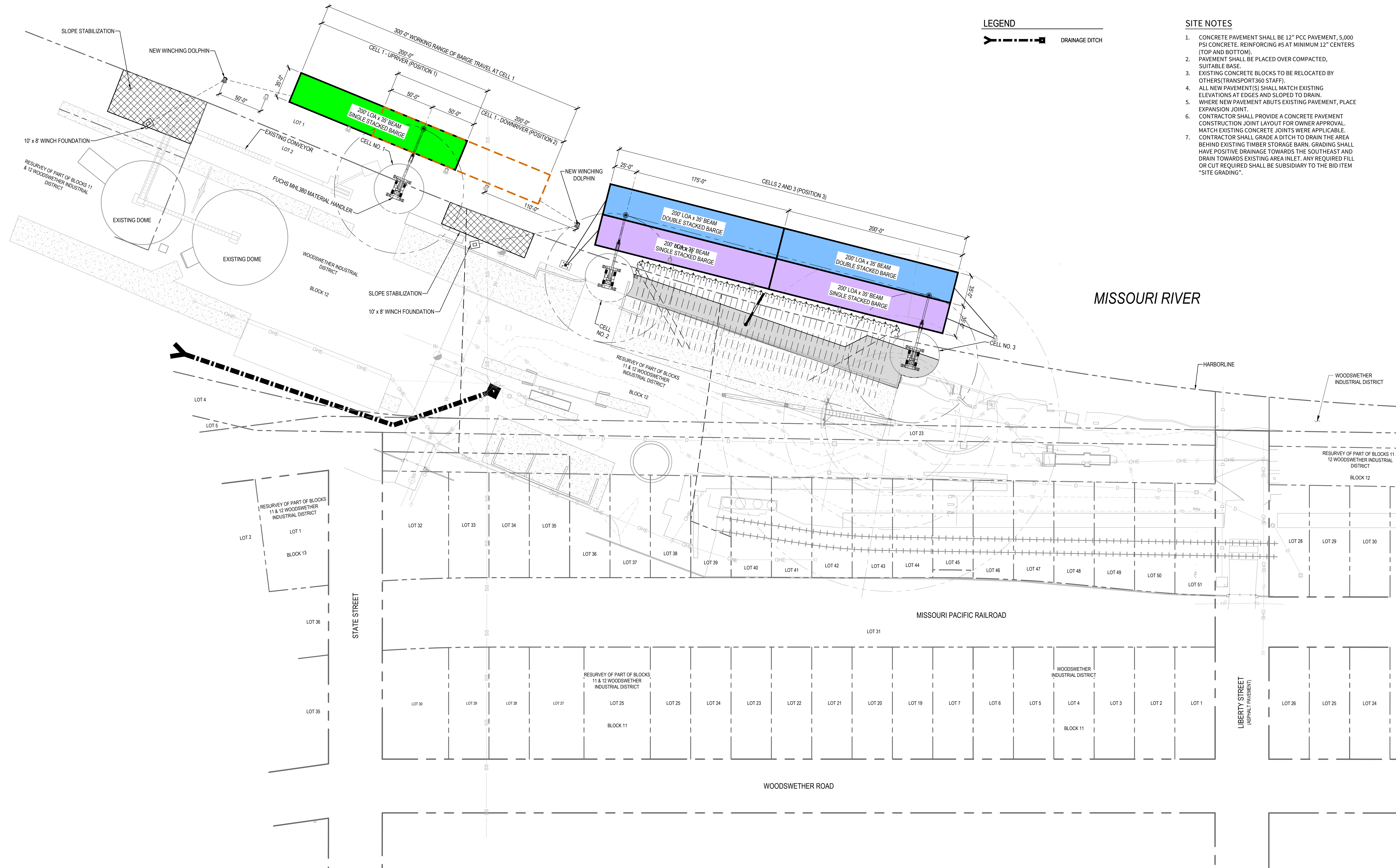
2/9/2024 5:20:14 PM - P:\2023\23052100\DRAWINGS\B101220344-S102.DWG

CAUTION:
IF THIS DRAWING IS A REDUCTION,
USE THE GRAPHIC SCALES.



SITE PLAN

SCALE: 1" = 50'-0"



LEGEND



SITE NOTES

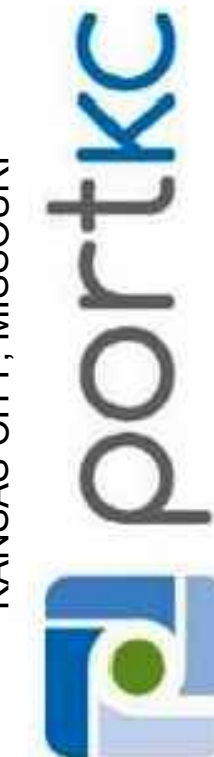
1. CONCRETE PAVEMENT SHALL BE 12" PCC PAVEMENT, 5,000 PSI CONCRETE. REINFORCING #5 AT MINIMUM 12" CENTERS (TOP AND BOTTOM).
2. PAVEMENT SHALL BE PLACED OVER COMPACTED, SUITABLE BASE.
3. EXISTING CONCRETE BLOCKS TO BE RELOCATED BY OTHERS(TRANSPORT360 STAFF).
4. ALL NEW PAVEMENT(S) SHALL MATCH EXISTING ELEVATIONS AT EDGES AND SLOPED TO DRAIN.
5. WHERE NEW PAVEMENT ABUTS EXISTING PAVEMENT, PLACE EXPANSION JOINT.
6. CONTRACTOR SHALL PROVIDE A CONCRETE PAVEMENT CONSTRUCTION JOINT LAYOUT FOR OWNER APPROVAL. MATCH EXISTING CONCRETE JOINTS WERE APPLICABLE.
7. CONTRACTOR SHALL GRADE A DITCH TO DRAIN THE AREA BEHIND EXISTING TIMBER STORAGE BARN. GRADING SHALL HAVE POSITIVE DRAINAGE TOWARDS THE SOUTHEAST AND DRAIN TOWARDS EXISTING AREA INLET. ANY REQUIRED FILL OR CUT REQUIRED SHALL BE SUBSIDIARY TO THE BID ITEM "SITE GRADING".

TRANSYSTEMS

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 329-8600
FAX: (816) 329-8701

CONSULTANTS:

BULKHEAD AND WINCH IMPROVEMENTS
GOVERNOR MICHAEL L. PARSON PORT TERMINAL
1742 MARKET STREET
KANSAS CITY, MISSOURI



REVISIONS:

MARK	DATE	DESCRIPTION
	02/08/2024	

PROJ NO: B101220344
SCALE: AS SHOWN
DATE: 02/08/2024
DESIGNED BY: J.M.D.
DRAWN BY: A.J.K.
CHECKED BY: C.J.F.

SHEET TITLE:

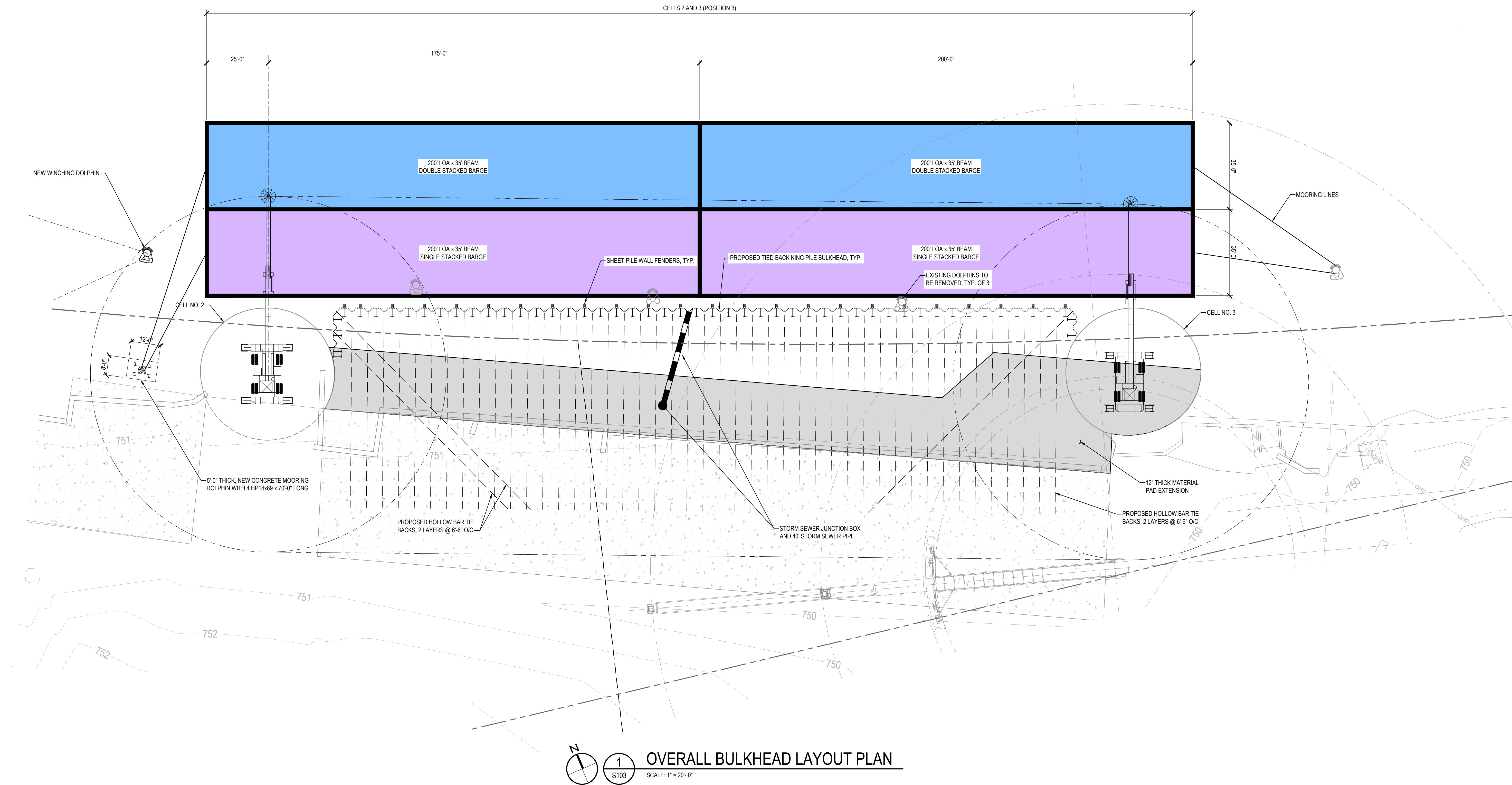
SITE PLAN

SHEET NO.
S102

SHEET 1 OF

2/9/2024 5:14:55 PM - P:\2023\23052100\DRAWINGS\B101220344-S103.DWG

CAUTION:
IF THIS DRAWING IS A REDUCTION,
USE THE GRAPHIC SCALES.



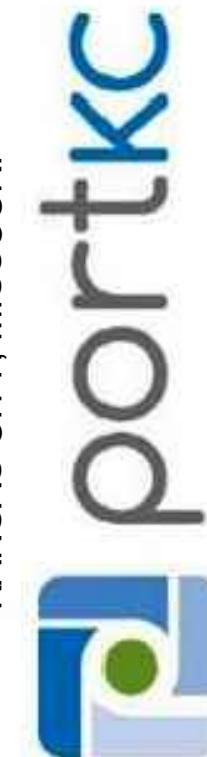
TRANSYSTEMS

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 325-8600
FAX: (816) 329-8701

CONSULTANTS:

BULKHEAD AND WINCH IMPROVEMENTS
GOVERNOR MICHAEL L. PARSON PORT TERMINAL

1742 MARKET STREET
KANSAS CITY, MISSOURI



REVISIONS:

PLANS FOR PRICING
NOT FOR FINAL CONSTRUCTION

02/08/2024

DESCRIPTION

MARK DATE

PROJ NO: B101220344
SCALE: AS SHOWN
DATE: 02/08/2024
DESIGNED BY: J.M.D.
DRAWN BY: A.J.K.
CHECKED BY: C.J.F.

SHEET TITLE:

OVERALL
BULKHEAD
LAYOUT PLAN

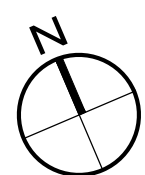
SHEET NO.

S103

SHEET 1 OF

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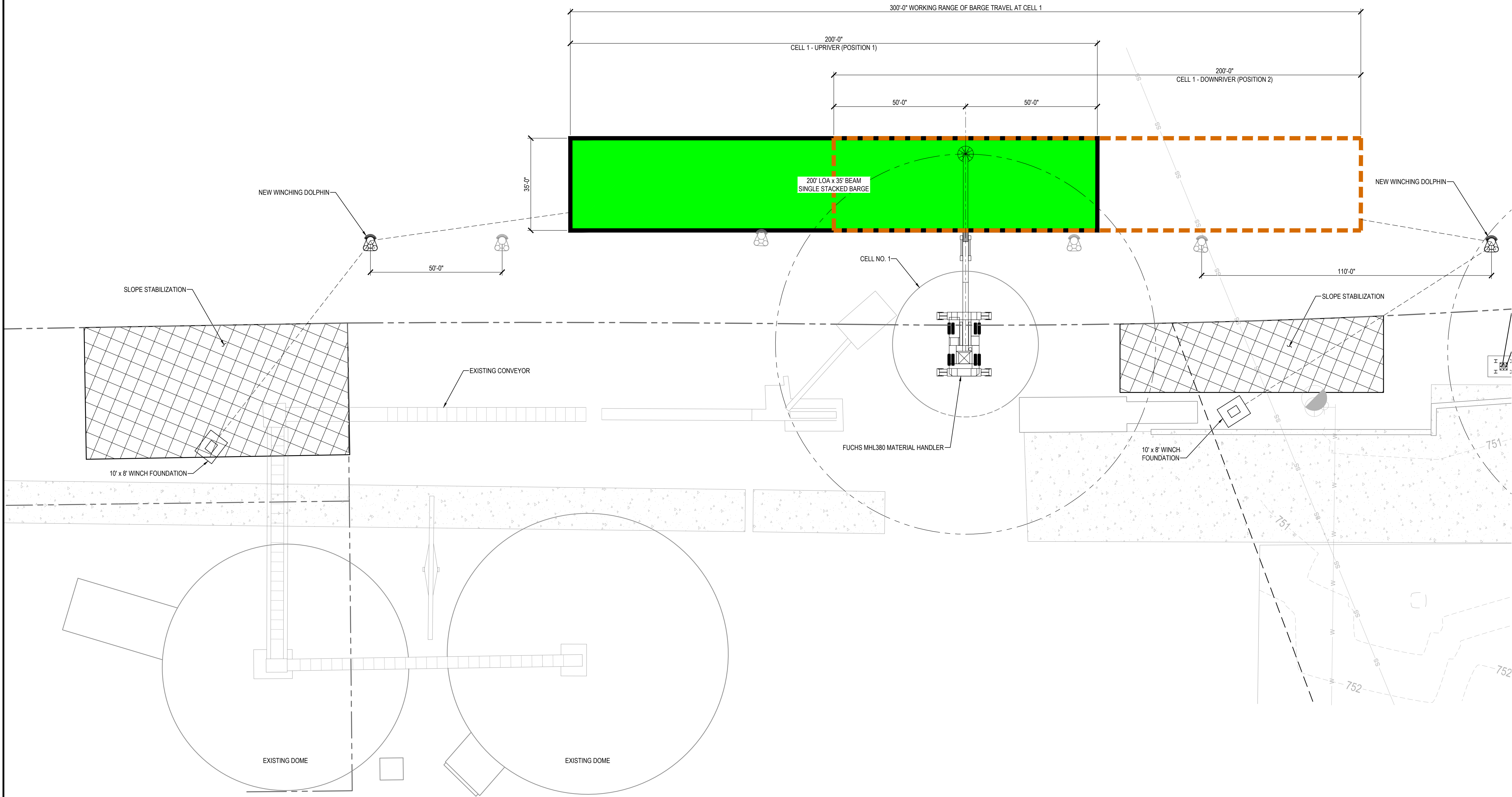
CAUTION:
IF THIS DRAWING IS A REDUCTION,
USE THE GRAPHIC SCALES.



1
S103

ENLARGE DOCK LAYOUT PLAN

SCALE: 1" = 20'-0"



TRANSYSTEMS

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 325-8600
FAX: (816) 329-8701

CONSULTANTS:

BULKHEAD AND WINCH IMPROVEMENTS
GOVERNOR MICHAEL L. PARSON PORT TERMINAL

1742 MARKET STREET
KANSAS CITY, MISSOURI



REVISIONS:

**PLANS FOR PRICING
NOT FOR FINAL CONSTRUCTION**

02/08/2024

DESCRIPTION

MARK DATE

PROJ NO: B101220344
SCALE: AS SHOWN
DATE: 02/08/2024
DESIGNED BY: J.M.D.
DRAWN BY: A.J.K.
CHECKED BY: C.J.F.

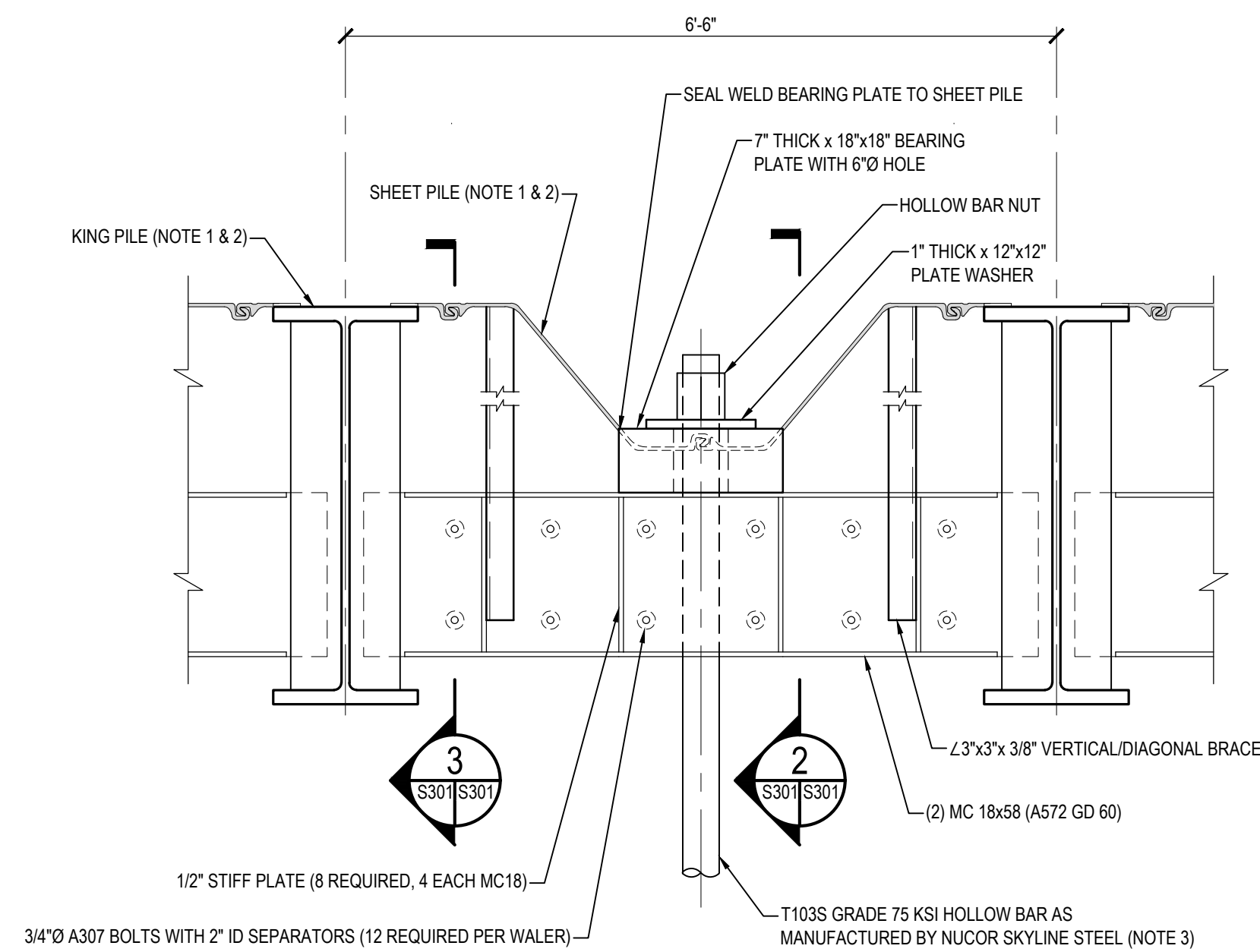
SHEET TITLE:

ENLARGE DOCK
LAYOUT PLAN

SHEET NO.

S104

SHEET 1 OF



NOTE 1: KING PILE = W44x290
SHEET PILE = NZ19

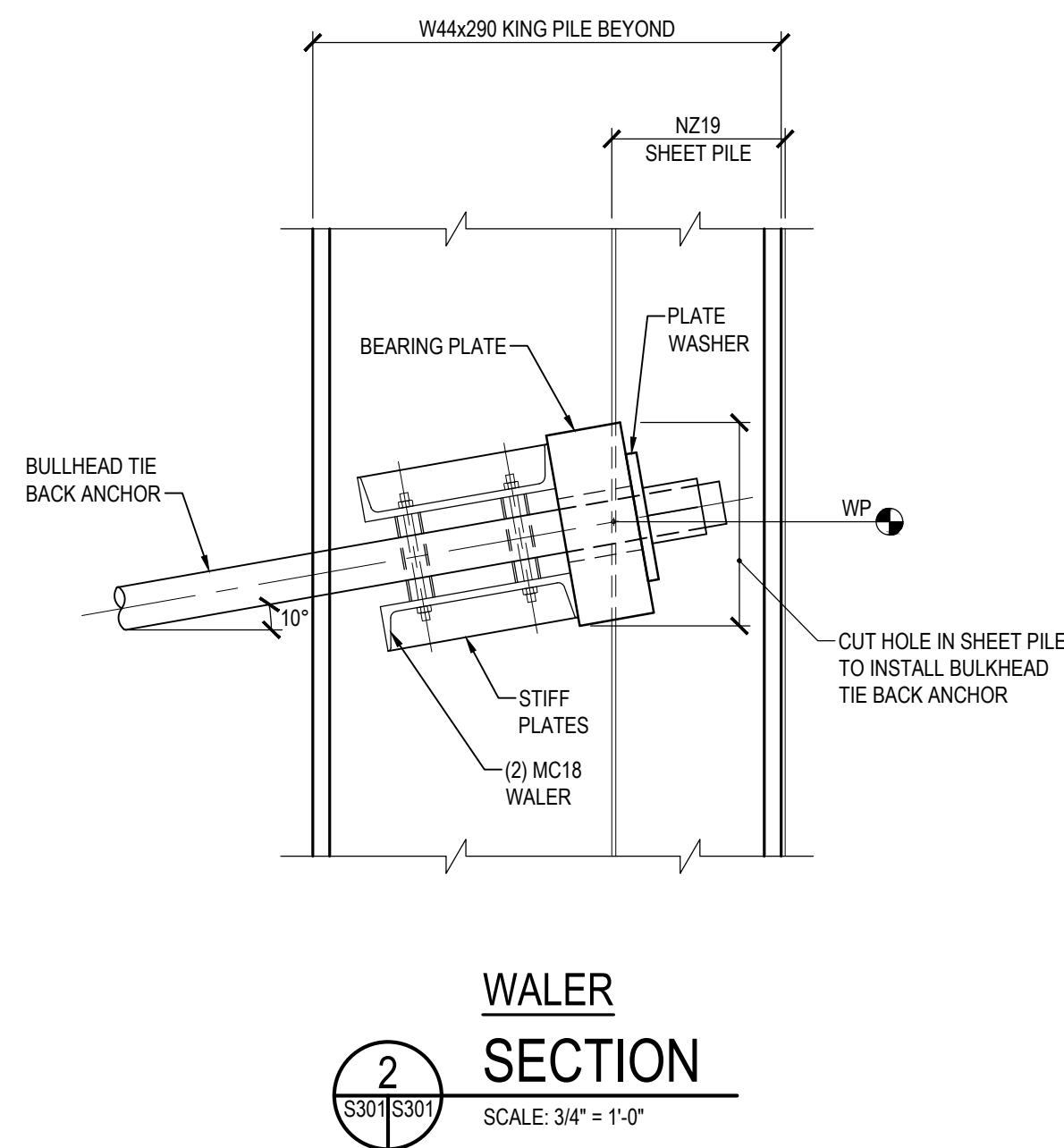
NOTE 2: ON WATER SIDE FACE OF THE SHEET PILE AND KING PILE PROVIDE 18 MILS OF COAL TAR EPOXY COATING PROVIDE COATING DOWN TO 10'-0" BELOW MISSOURI RIVER BOTTOM

NOTE 3: HOLLOW BAR AND HARDWARE INCLUDING PLATE WASHERS AND BEARING PLATE SHALL BE PROVIDED WITH HOT DIPPED GALVANIZED COATING.

1
S301 S301

WALER
PLAN

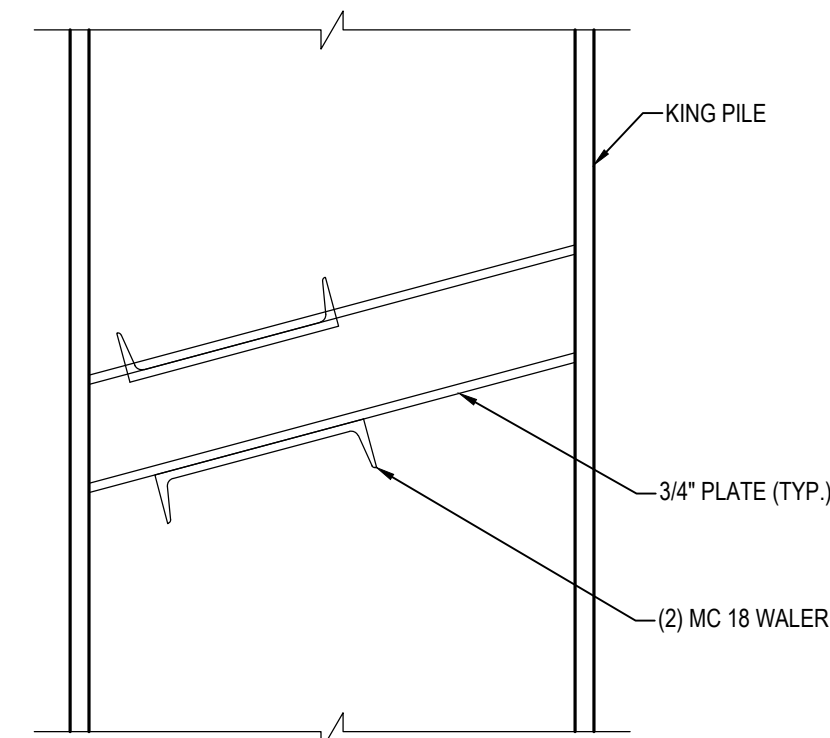
SCALE: 3/4" = 1'-0"



WALER
CONNECTION @ KING PILE

3
S301 S301

SCALE: 3/4" = 1'-0"

[illegible]

PROJ NO:	B101220344
SCALE:	AS SHOWN
DATE:	02/08/2024
DESIGNED BY:	J.M.F.
DRAWN BY:	A.J.K.
CHECKED BY:	C.J.F.

SHEET TITLE:
<p align="center">BULKHEAD SECTIONS & DETAILS</p>

SHEET NO.
S301
SHEET OF

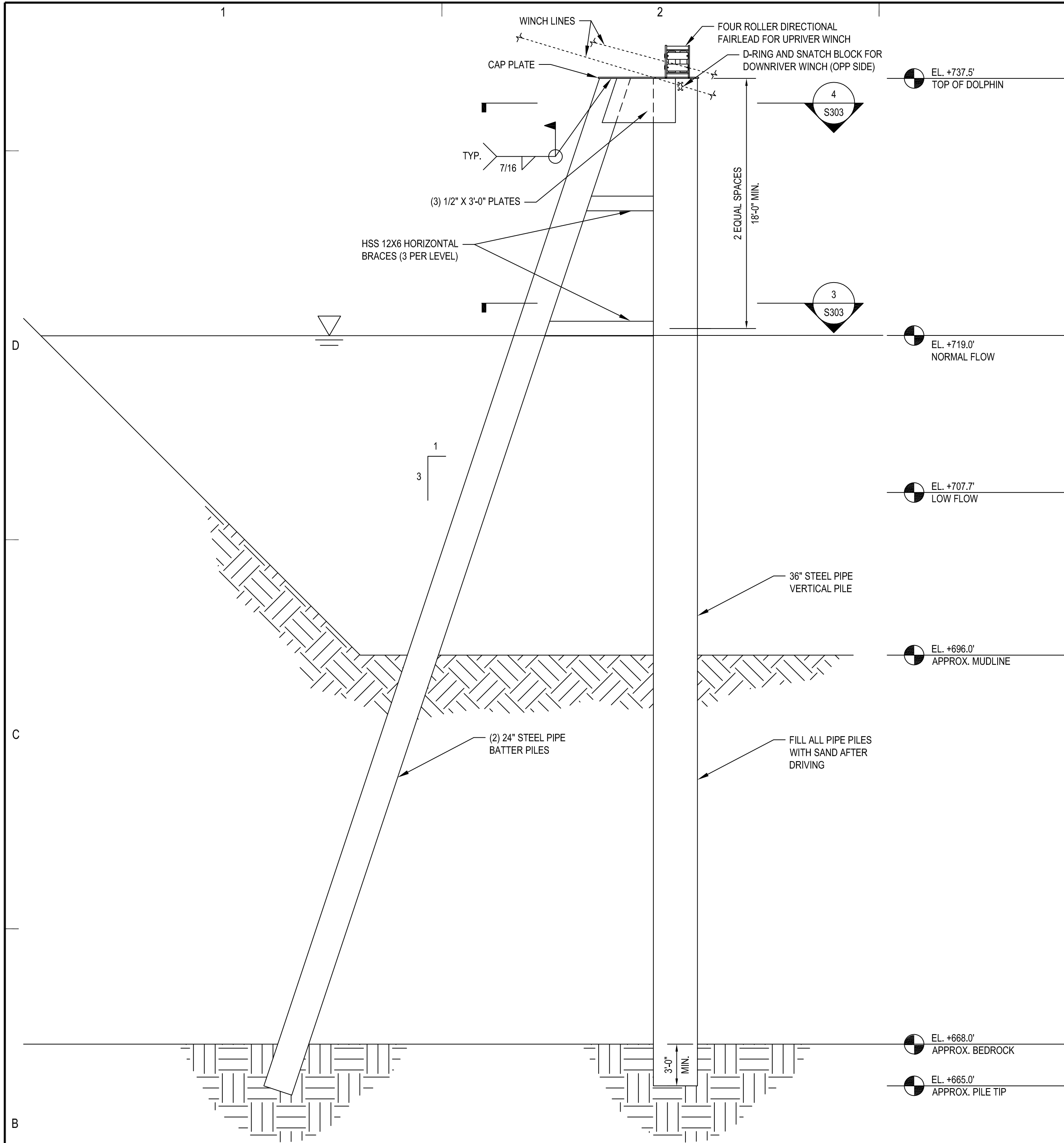
CONSULTANTS:

BULKHEAD AND WINCH IMPROVEMENTS
Governor Michael L. Parson Port Terminal
1742 Market Street
Kansas City, Missouri

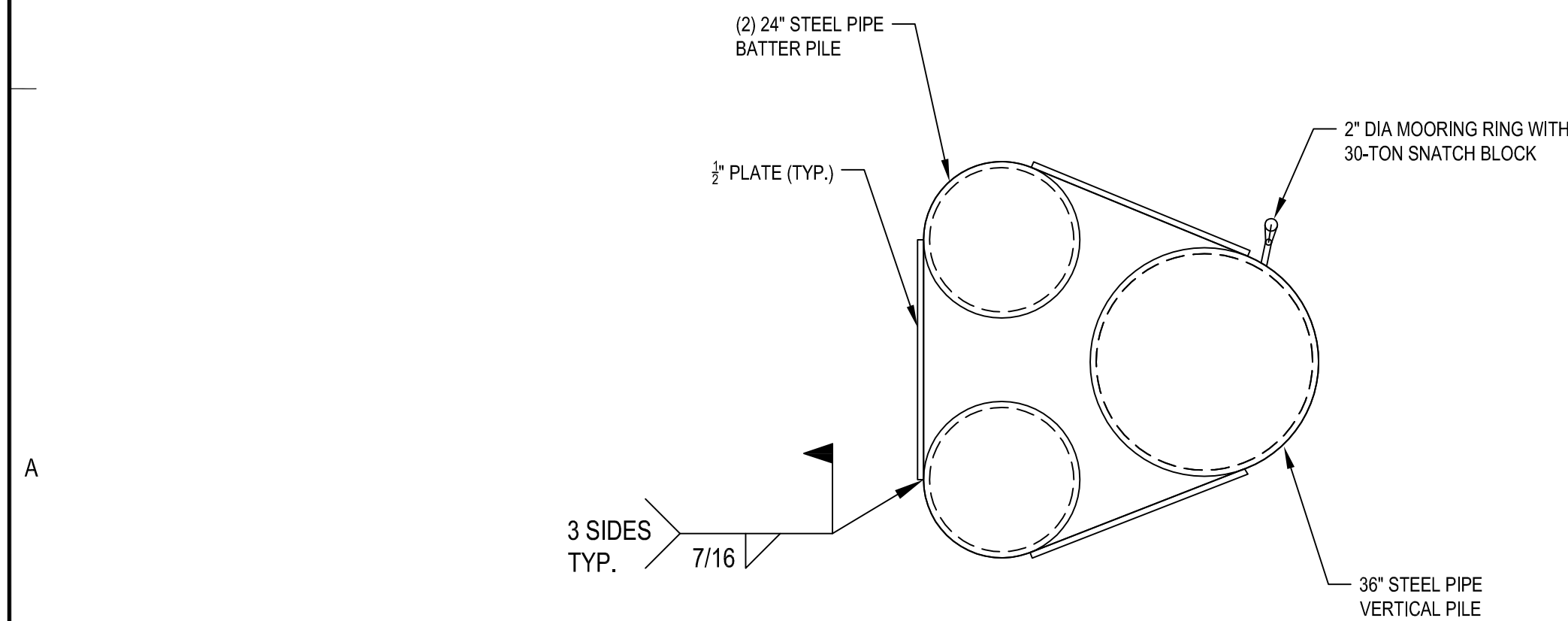
 portkc

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 329-8600
FAX: (816) 329-8701

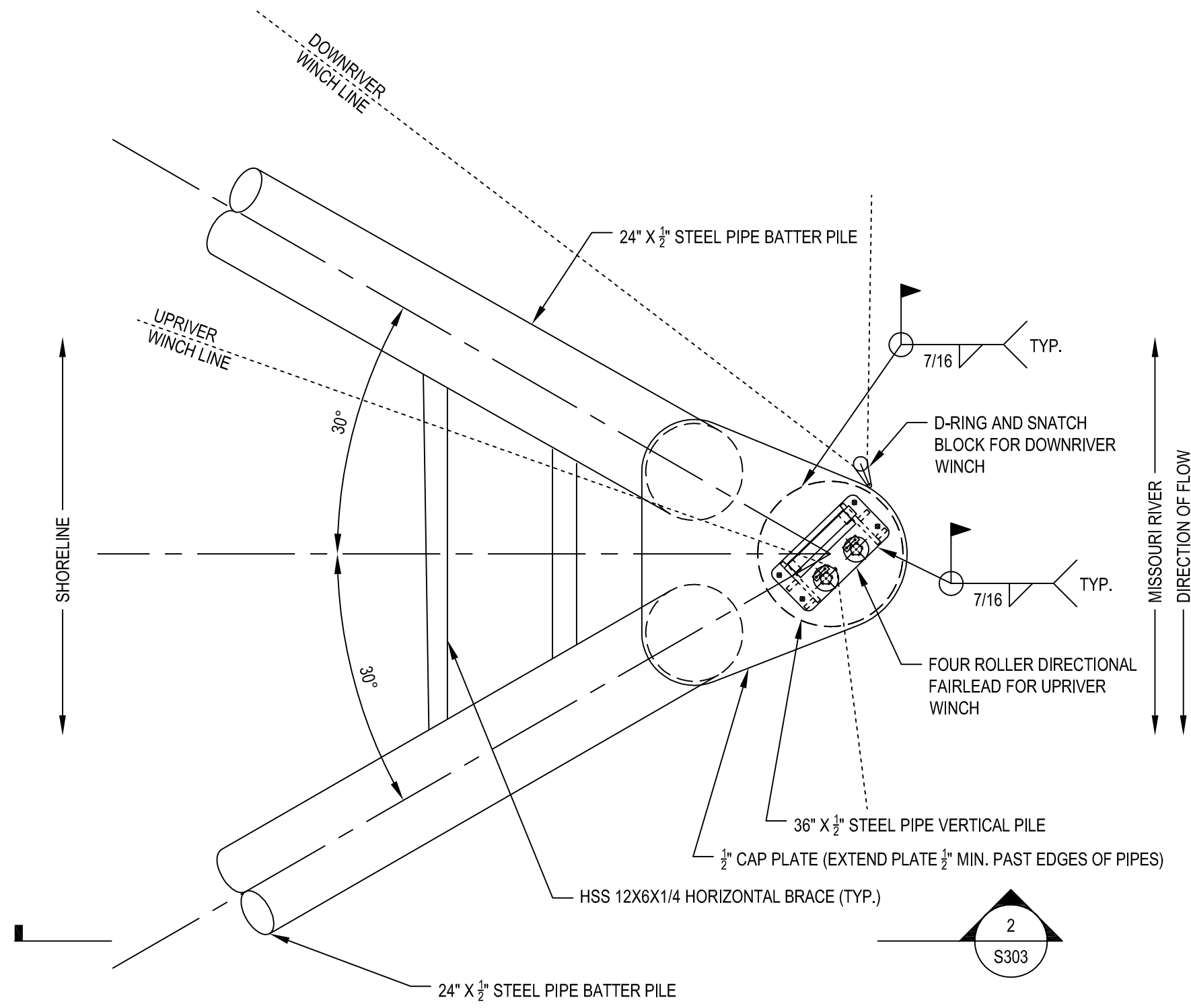
2/8/2024 4:12:23 PM - \\GHDNET\GHD\SHILTON HEAD\PROJECTS\6512613736\DIGITAL_DESIGN\ACAD\CIVIL 3D\SHEETS\12613736-DRG-CL-001.DWG



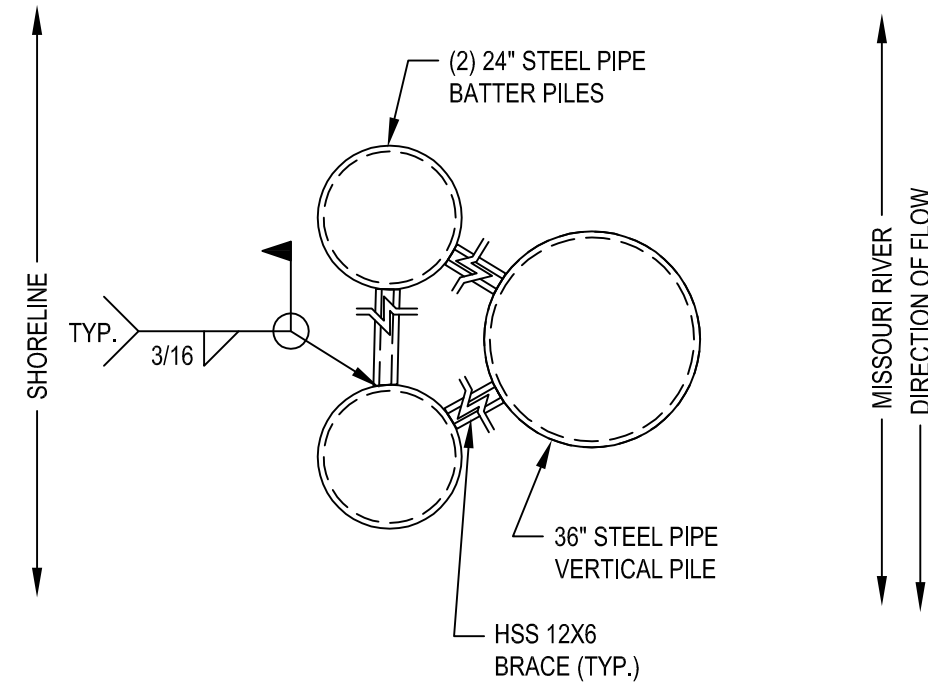
1 DOLPHIN ELEVATION
SCALE: 3/16" = 1'-0"



4 SECTION AT TOP
SCALE: 1/2" = 1'-0"



2 TYP PLAN AT TOP
SCALE: 3/8" = 1'-0"



3 SECTION AT BRACES
SCALE: 3/8" = 1'-0"

- GENERAL NOTES:**
1. LOCATION AND ORIENTATION OF FAIRLEAD AND SNATCH BLOCK TO BE CONFIRMED AFTER FINAL LOCATION OF WINCH FOUNDATIONS AND DOLPHINS ARE SET.

- DESIGN CRITERIA:**
1. DESIGN LIFE = 50 YEARS
 2. RISK CATEGORY = II
 3. DESIGN BARGE = 195' X 35' X 11' (1,500 TON)
 4. BERTHING CRITERIA:
VELOCITY = 0.5 FT/S
 5. MOORING CRITERIA:
WIND SPEED, V_{wd} = 90 MPH; V_{ult} = 115 MPH
CURRENT VELOCITY = 5 FT/S
MAXIMUM WAVE HEIGHT = 4 FT

TRANSYSTEMS

2400 PERSHING ROAD, SUITE 400
KANSAS CITY, MISSOURI 64108
PHONE: (816) 325-8600
FAX: (816) 323-8701

CONSULTANTS:

GHD

GHD Services Inc.
1400 West 17th Street, Suite 400
Houston, TX 77058-1504
11715 75th Street
Houston, TX 77058-1504

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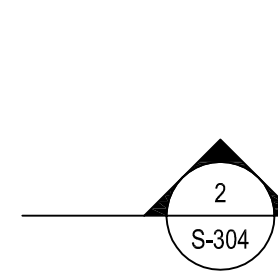
2023 SITE IMPROVEMENT
GOVERNOR MICHAEL L. PARSON PORT TERMINAL
STATE STREET TO LIBERTY STREET
KANSAS CITY, MISSOURI

portkc

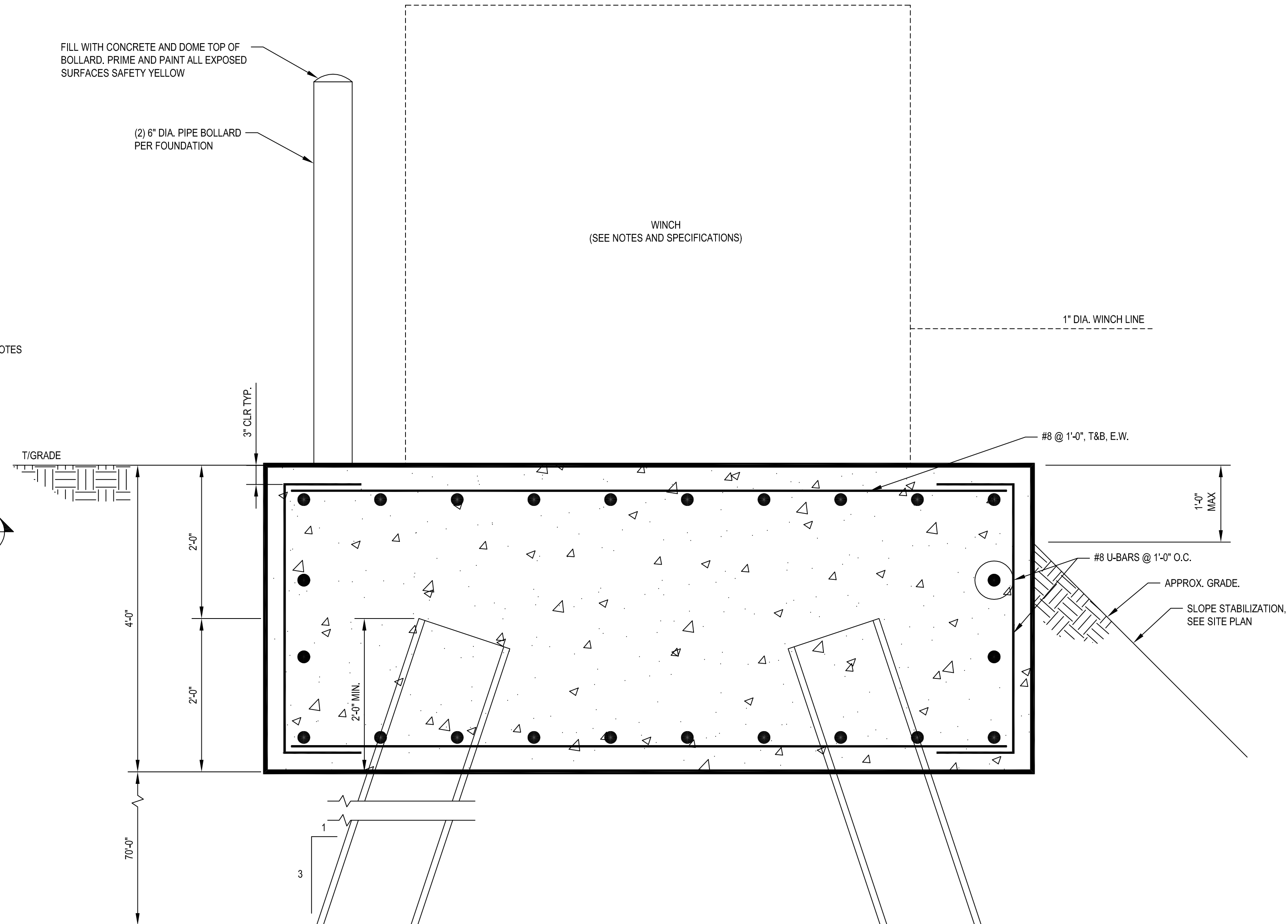
**PLANS FOR PRICING
NOT FOR FINAL CONSTRUCTION**

02/08/2024

REVISIONS:	MARK	DATE	DESCRIPTION
PROJ NO:	12613736		
SCALE:	AS NOTED		
DATE:	1/26/2024		
DESIGNED BY:	MG		
DRAWN BY:	JJO		
CHECKED BY:	JAB		
SHEET TITLE:	MOORING DOLPHIN PLANS, SECTIONS & DETAILS		
SHEET NO.	S303		
SHEET	OF		



1 **TYP WINCH FOUNDATION PLAN**
SCALE: 1" = 1'-0"



2 **TYP WINCH FOUNDATION SECTION**
SCALE: 1" = 1'-0"

- GENERAL NOTES:**
1. PROVIDE SMOOTH-THROAT FINISH ON EXPOSED SIDES OF FOUNDATION AND BROOM FINISH ON TOP.
 2. CHAMFER ALL EXPOSED EDGES OF CONCRETE 3/4".
 3. LAP #8 BARS 6-4" AT ALL CORNERS.
- WINCH NOTES AND SPECIFICATIONS:**
1. UPSTREAM WINCH SHALL BE (1) CPK46000-25-24-VECT CHAIN DRIVE WINCH BY WINTECH, OR APPROVED EQUAL.
 2. DOWNSTREAM WINCH SHALL BE (1) CPK25000-25-24-VECT CHAIN DRIVE WINCH BY WINTECH, OR APPROVED EQUAL.
 3. SMOOTH DRUM CORE FOR 1" ROPE.
 4. STORAGE CAPACITY FOR 900' OF 1" ROPE ON 6 LAYERS.
 5. PROVIDE ALL VFD CONTROLS AND OPERATOR CONTROL CONSOLE. WINCH CONTROLS FOR EACH WINCH SHALL BE SETUP AND INTEGRATED TO ALLOW FOR SIMULTANEOUS OPERATION IN EACH DIRECTION.
 6. PROVIDE (1) 30-TON SNATCH BLOCK WITH 20" SHEAVE FOR 1" ROPE OR EQUAL ALTERNATIVE PER WINCH MANUFACTURER'S RECOMMENDATION.
 7. PROVIDE (1) FOUR ROLLER DIRECTIONAL FAIRLEAD FOR 1" ROPE OR EQUAL ALTERNATIVE PER WINCH MANUFACTURER'S RECOMMENDATION.
 8. SUBMIT ALL PRODUCTS FOR ENGINEER'S APPROVAL PRIOR TO PROCUREMENT.
 9. INSTALL ALL WINCH COMPONENTS PER MANUFACTURER'S INSTRUCTIONS.

CONSULTANTS:



GHD Services Inc.
14451 Katy Freeway Suite 400
Houston TX 77079 USA
T 1 713 734 3060

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2023 SITE IMPROVEMENT
GOVERNOR MICHAEL L. PARSON PORT TERMINAL
STATE STREET TO LIBERTY STREET
KANSAAS CITY, MISSOURI

[illegible]

PROJ NO:	12613736
SCALE:	AS NOTED
DATE:	1/26/2024
DESIGNED BY:	MG
DRAWN BY:	JJO
CHECKED BY:	JAB
SHEET TITLE:	
WINCH FOUNDATION PLANS, SECTIONS & DETAILS	
SHEET NO.	
S304	
SHEET	OF