

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NATURAL & HISTORIC RESOURCES

SPECIFICATIONS FOR:

DEAL FISHING ACCESS WALK OVER

NHR 11-16.

COMMISSIONER
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bob Martin

ASSISTANT COMMISSIONER
NATURAL & HISTORIC RESOURCES
Rich Boornazian

PREPARED BY: OFFICE OF RESOURCE DEVELOPMENT
DATE: August 5, 2015

(Revised 3/14/14)

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INSTRUCTIONS TO BIDDERS

1. BID

- A. Sealed bids for the work described herein will be received by the Office of Resource Development located at 275 Freehold-Englishtown Rd. Englishtown NJ New Jersey 07726.
- B. Bids are to be submitted on "Request for Proposal" form, herewith provided. Bids not submitted on this form and in accordance with the instructions contained therein shall be considered non-responsive and shall be rejected. Bids submitted without a signature endorsement shall also be considered non-responsive. Facsimile submittals will not be accepted. Completed "W-9 Vendor Questionnaire", Ownership Disclosure, MacBride Principles, Affirmative Action, Disclosure of Investment Activities in Iran, "PL2005, Chapter 51 and PL2005, Chapter 29" forms, herewith provided must also be submitted with the bid. Copies of the contractor's Public Works Contractor Registration certificate shall be provided with the bid. (N.J.S.A. 52:32:-44) A Business Registration Certificate must be supplied prior to the time the contract or purchase order or any other contracting document is awarded or authorized. Business Registration Certificates must be submitted for all subcontractors at the same time.
- C. Bidders shall submit a lump sum base bid for the entire work described herein. The amount shall be entered on the "Request for Proposal" form, where the appropriate description has been provided. Bids shall reflect the equipment and/or material(s) specified. Substitution shall only be considered after completion of the bidding process. Substitution requirements are explained on Page GC-3.
- D. Bids must be received and time-stamped by the Office of Resource Development before the closing date and time, as stated on the "Request for Proposal" form. Bidders are cautioned that reliance on mail carriers for timely delivery of bids is at the bidder's risk. Bids received and time-stamped after the prescribed time will be considered non-responsive.
- E. To facilitate award of contract, Bidders are requested to submit, along with the bid proposal an insurance certificate(s) as specified on the "Request for Proposal" form.
- F. In the event of similar bids, the earliest time-stamped entry will be considered the low bid.

2. AWARD

- A. Award of contract will be based upon the lowest responsible bid.
- B. The Office of Resource Development reserves the right to reject all bids.
- C. Results of the bidding will be made available upon request.
- D. Award of contract shall not be interpreted to mean approval to proceed with construction activities.

3. **SITE VISIT**

- A. The project site is situated within the BOROUGH OF DEAL AT THE END OF ROOSEVELT AVE. See map provided within these specifications for project location. Examination of the area and proposed items of work can be conducted at the Contractor's convenience. Arrangements for access can be made by contacting John Piccolo at 609 203 7146; OR PETER WINKLER at 609 259 6969, all bidders shall thoroughly examine the site to be fully acquainted with conditions to be met under this contract.

GENERAL CONDITIONS

1. DEFINITIONS

- A. The Contracting Agency for this project will be the Office of Resource Development. All matters dealing with this contract and payment should be directed to John Piccolo, telephone number 609 203 7146.
- B. Using Agency/Owner for this project will be the New Jersey Division of Fish and Wildlife.
- C. The Using Agency Representative will be John Piccolo at telephone number 609 203 7146. For purposes of this contract, he (she) will act as the Owner's project coordinator and inspector. He shall judge the quantity, quality, fitness and acceptability of all parts of the work. All work shall be coordinated with the Using Agency.
- D. The Area Contact is Peter Winkler. He (She) may be contacted at telephone number 609 259 6969.
- E. The Architect/Engineer for this project will be Sebring Architects, Mr. Ronald Sebring, telephone number 732 701 9444. All technical questions can be directed to him (her).

2. SUBMITTALS

The following documents and/or materials are required and must be submitted by the Bid/Contractor during the noted project periods:

A. Bid Response Period:

"Request for Proposal", identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

"W-9 Vendor Questionnaire", identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Public Works Contractor Registration Certificate, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Restrictions on Political Contributions, PL2005,C51, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Source Disclosure Certification, PL2005,C92, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

MacBride Principles, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Affirmative Action, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Ownership Disclosure, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Disclosure of Investment Activities in Iran, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

B. Pre-Construction Period:

Insurance Certificate(s), identified within these specifications under Instructions to Bidders, Item 1, Page IB-1 and specified under General Conditions, Item 3, Page GC-2.

C. Construction Period:

If stipulated, provide selection samples, record samples, shop drawings, diagrams, schedules, lists, illustrations, performance charts, catalog cuts, and brochures.

D. Close-Out Period:

Letter of Guarantee, guaranteeing quality and workmanship for a period of one year from date of final acceptance of the project.

Manufacturer's guarantees and warranties.

Payment Voucher, form ADM 310.

3. **INSURANCE REQUIREMENTS**

A. The Contractor shall submit insurance certificates in the following minimum coverage's:

(1) **Workmen's Compensation** - \$250,000

(2) **Comprehensive Liability**

- a. Bodily Injury - \$1,000,000 each occurrence
- b. Property Damage - \$1,000,000 each occurrence

(3) **Vehicle Liability**

- a. Bodily Injury - \$500,000 each occurrence
- b. Property Damage - \$250,000 each occurrence

B. The Insurance Policy shall name the State of New Jersey, Department of Environmental Protection as the **co-insured** and shall be identified by specification title.

4. **USE OF PREMISES**

- A. The Contractor shall coordinate requirements for available utilities/facilities with the Area Contact and/or the Using Agency Representative.
- B. The Contractor shall confine his apparatus, the storage of materials, equipment, and the operation of his workmen to limits or directions of the Area Contact, and shall not unreasonably encumber the premises with his materials.

5. **PROTECTION AND LIABILITY**

- A. Protection and security of persons and property during the construction period from loss by theft, vandalism, pilfering, fire, water, wind, etc., shall be provided by the Contractor as the conditions at the site warrant. The Contractor shall be responsible for securing his own plant, equipment, and all materials scheduled for the project.
- B. If any direct or indirect damage is done to private or public property by or on account of any act, omission, neglect, or misconduct in the execution of work on the part of the Contractor, such property shall be restored by the Contractor, at his expense, to a condition equal to or better than that existing before the damage was done, or he shall make good the damage in another manner, acceptable to the Using Agency and Owner of property.

6. **MATERIALS QUALITY**

- A. The Contractor shall furnish materials and equipment which will be efficient, appropriate, and have the capacity to secure a satisfactory quality of work and a rate of progress which will ensure the completion of the work within the time stipulated. Only new materials and equipment shall be incorporated into the work.

7. **SUBSTITUTIONS**

- A. In the event the Contractor should propose a substitution of the specified equipment or materials, it shall be his responsibility to submit proof of equality and data of sufficient detail to enable the Using Agency to identify the particular product, the method of installation, and whatever else is required so a determination can be made as to its conformity to the product specified. The Contractor shall provide and pay for any tests which may be directed by the Using Agency in order to evaluate such proposed substitution(s). Any material or product which is not in full conformance with specifications may be rejected.
- B. The Contractor shall be allowed seven (7) working days from the date of contract award to provide the necessary shop drawing(s), data, and samples supporting any proposed substitution(s). Should the Contractor fail to provide the information within this period, the Using Agency shall exercise the option of either: allocating additional time for the information,

or denying any further consideration of the substitution(s) whereby the Contractor must provide the equipment or material(s) specified. Since Substitutions are primarily for the financial benefit of the Contractor, a credit change order shall accompany each request for substitution.

8. **OTHER CONDITIONS**

- A. By submitting a bid, the Bidder warrants that he has familiarized himself with all provisions of the bidding documents and understands their intent and meaning.
- B. The failure or omission of the Bidder to examine forms, instruments, or plan and specification documents, or to visit the site and acquaint himself with conditions there existing, and compute required amounts of labor and materials covering the complete job shall not relieve him from any obligation with respect to his bid.
- C. Any oral interpretation, not documented in writing prior to bid opening or referenced in the bid proposal, shall be considered as privileged information, and, as such, not binding upon the Owner.
- D. Conditions existing at the time of the inspection will be maintained by the Owner as far as practical. The Owner assumes no responsibility for actual conditions where work is to occur. Starting of operations will be construed as evidence that the Contractor has complied with the above requirements, and later claims for difficulties encountered which could have been foreseen will not be recognized.
- E. In order to protect the lives and health of his employees, the Contractor shall comply with all applicable statutes and pertinent provisions of the "Manual of Accident Prevention in Construction", issued by the Associated General Contractors of America, Inc. He shall maintain an accurate record of all cases of death, occupational disease, and injury requiring medical attention or causing loss of time from work, arising out of and in the course of employment on work under the contract. The Contractor alone shall be responsible for the safety, efficiency, and adequacy of his plant, appliances, and methods, and for any damage or injury which may result from his failure or his improper construction, maintenance, or operation.
- F. The Contractor shall defend, protect, indemnify, and save harmless the State of New Jersey from all claims, suits, actions, damages, and costs of every name and description arising out of or resulting from the performance of his work under this contract. This responsibility is not limited by the provisions of other indemnification provisions included elsewhere herein.

9. **TIME OF COMPLETION**

- A. Work to be completed, inspected and approved within **sixty** (60) days from notice to proceed.
- B. No activities will be permitted on weekends or holidays unless otherwise approved by the Using Agency Representative

10. **LIQUIDATED DAMAGES**

- A. The Contractor agrees that, from the compensation otherwise to be paid, the Owner will assess liquidated damages in the amount of \$150 for each calendar day thereafter that the work included under this contract remains uncompleted as specified under the Time of Completion which sum is agreed upon as the proper proportionate measure of liquidated damages which the Owner will sustain per diem, by failure of the Contractor to progress or complete his work under this contract at the time stipulated, and the sum is not be construed as in any sense a penalty.
- B. The above liquidated damages shall be interpreted as partial reimbursement to the Owner resulting from the legal fees and the cost of additional engineering services, and other expenses of the Owner because of non-compliance by original dates, but shall not be considered as including costs of legal fees and the cost of additional services in connection with claims, arbitration, litigation, default or insolvency of the Contractor.

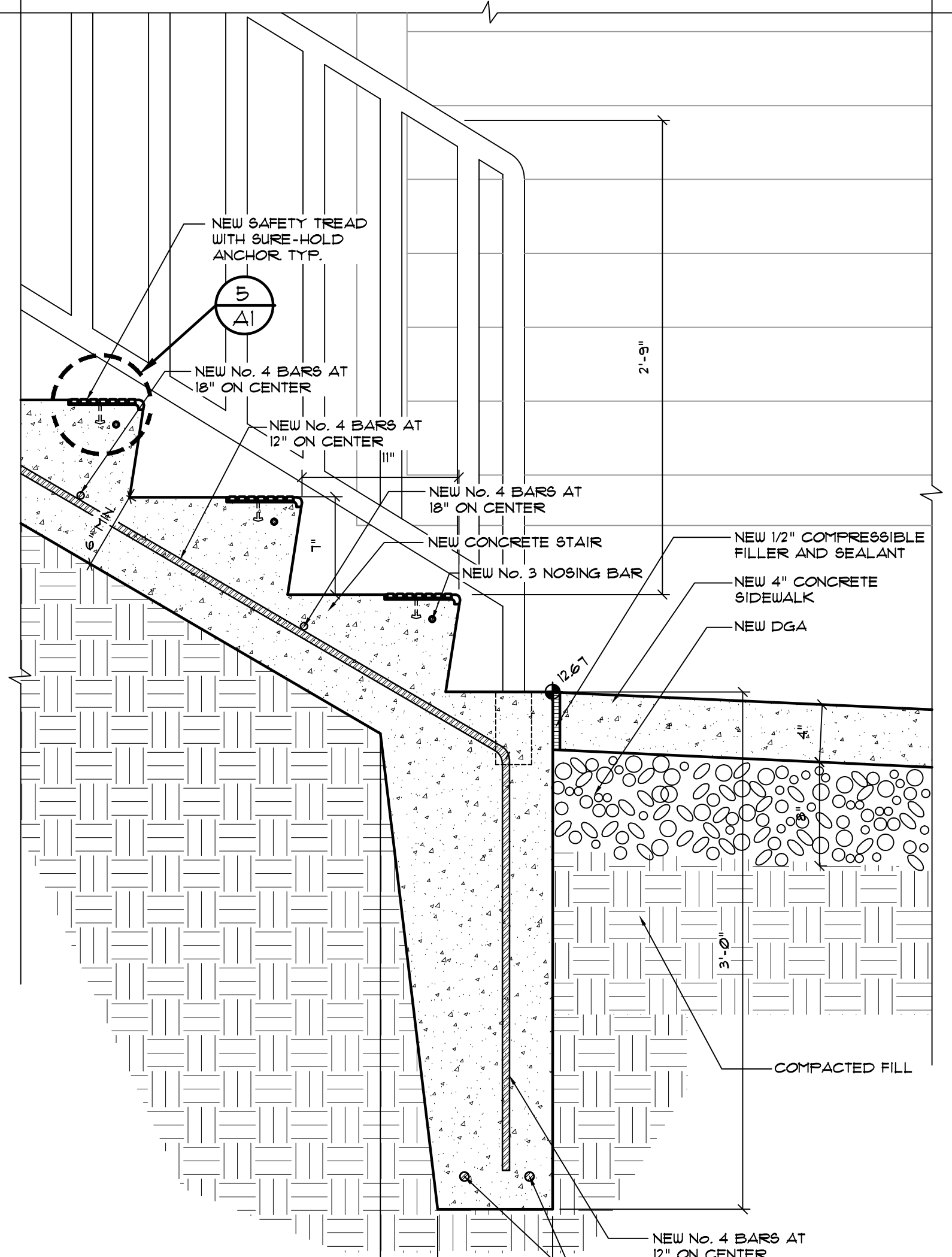
11. **TERMINATION FOR CONVENIENCE**

- A. The Owner may, at any time, terminate the Contract in whole or in any part for the Department's convenience and without cause when the Owner in his discretion views termination in the public interest.
- B. Upon receipt of the Termination for Convenience, the Contractor shall complete only items specified in the order and in accordance with the contract documents.
- C. The Contractor will only be paid for items of work partially or *completely finished at either the contract price or mutually agreed price.*

12. **NEW JERSEY BUISNESS REGISTRATION REQUIREMENTS**

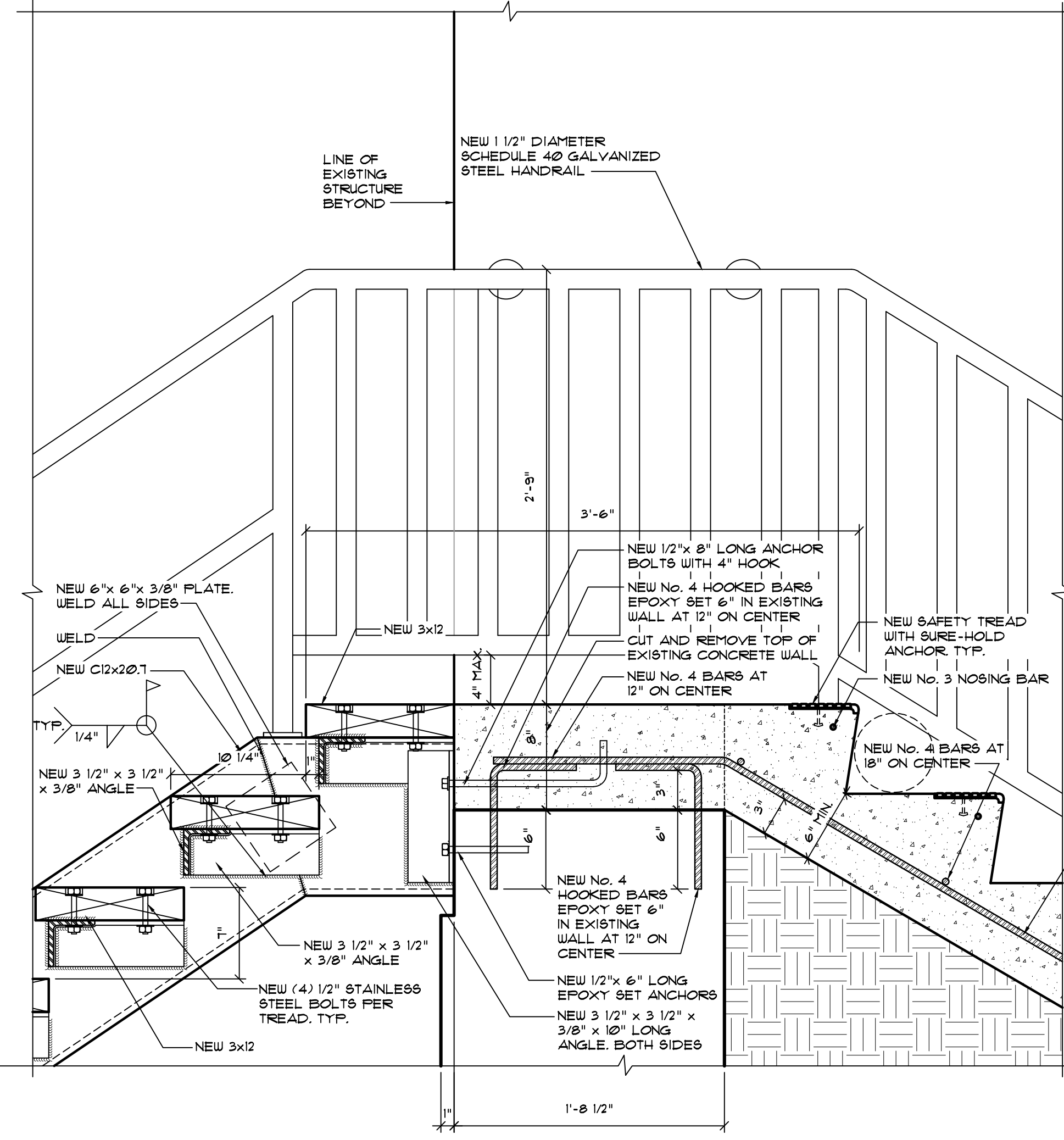
- A. *Before final payment on the contract is made by the contracting agency, the contractor shall submit an accurate list and the proof of business registration of each subcontractor or supplier used in the fulfillment of the contract, or shall attest in writing that no subcontractors were used.*

- B. For the term of the contract, the contractor and each of its affiliates and a subcontractor and each of its affiliates [N.J.S.A. 52:32-44(g(3))] shall collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the Sales and Use Tax Act on all sales of tangible personal property is intended for a contract with a contracting agency.



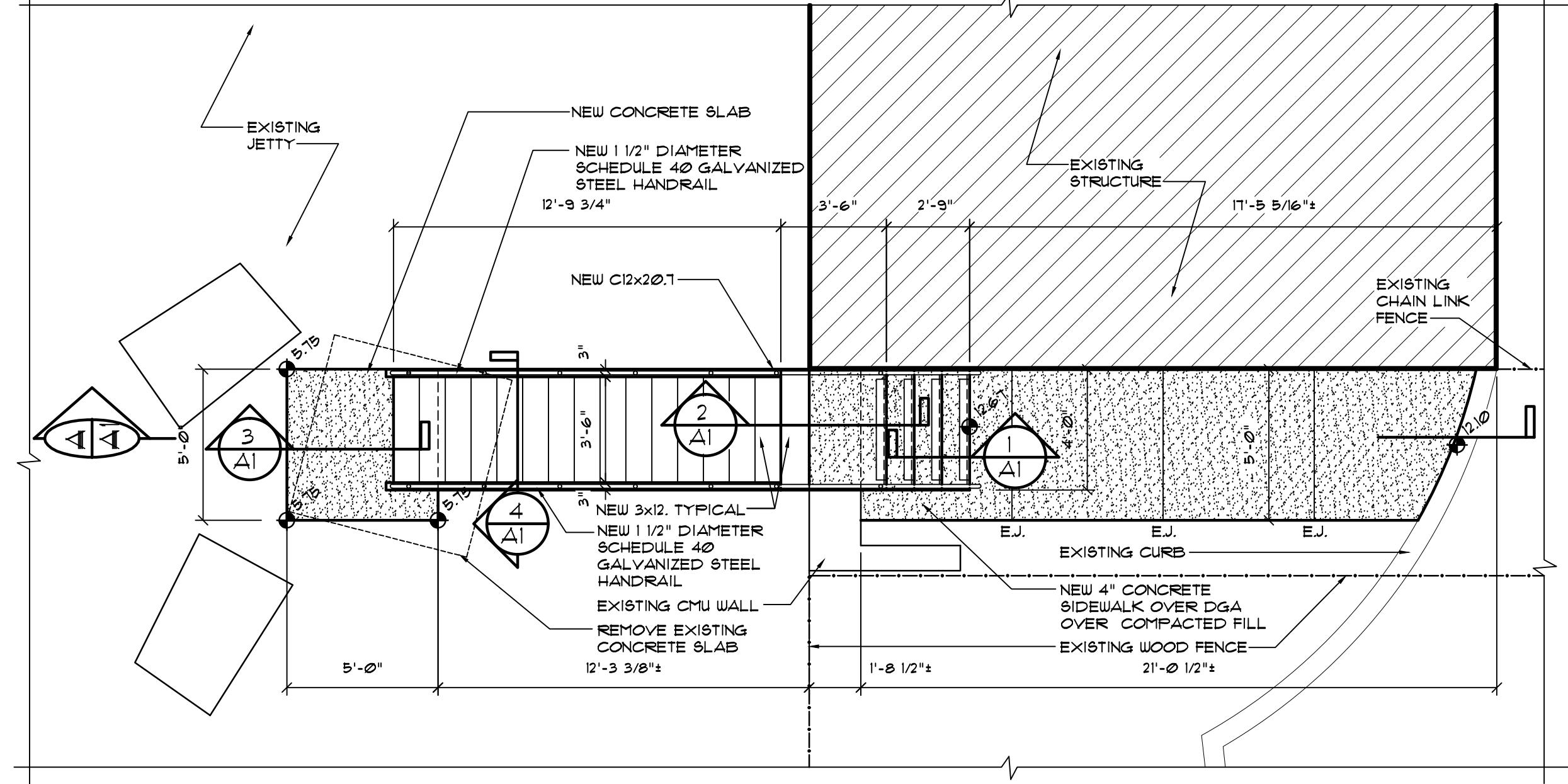
STAIR DETAIL

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



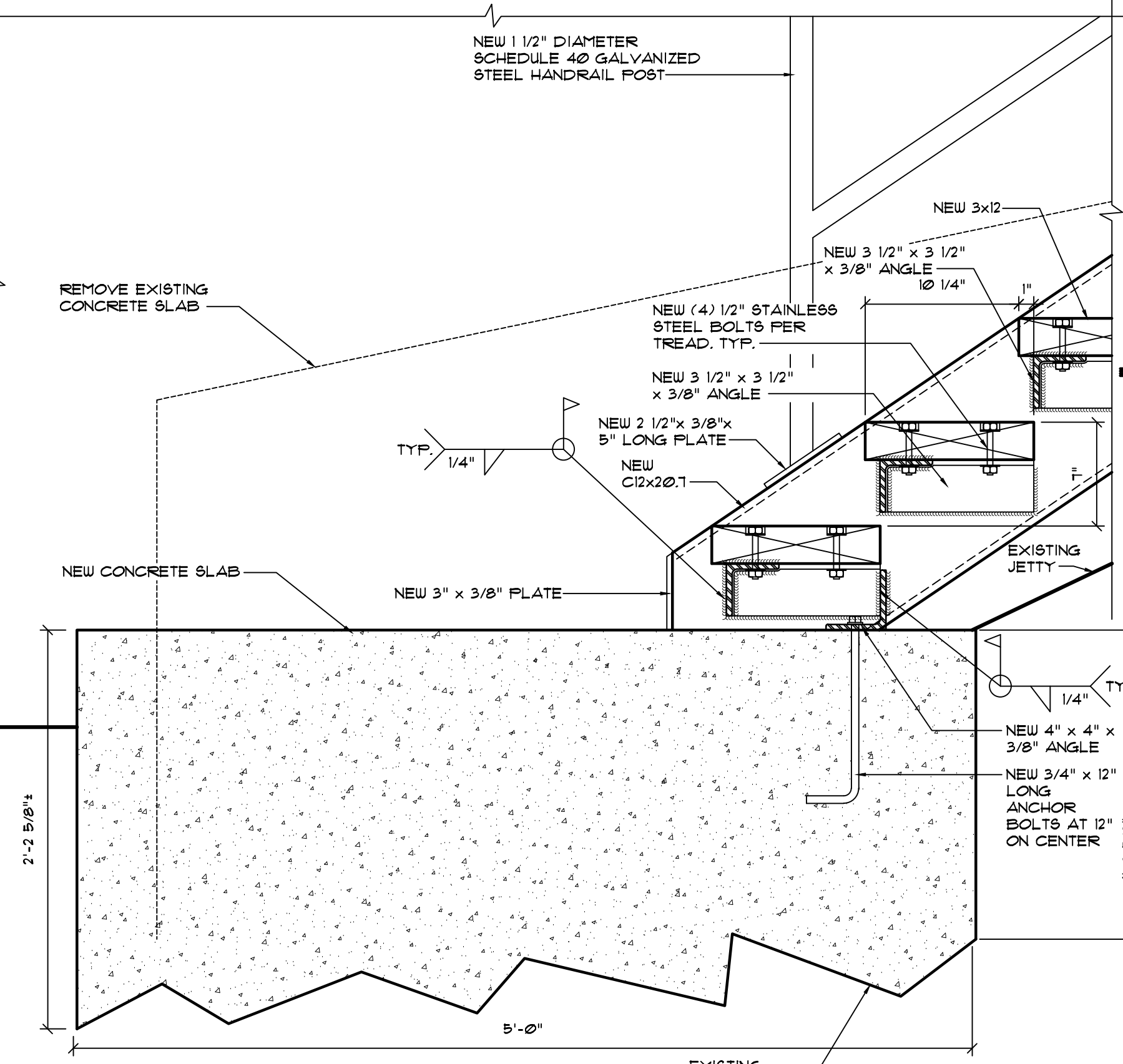
STAIR LANDING DETAIL

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



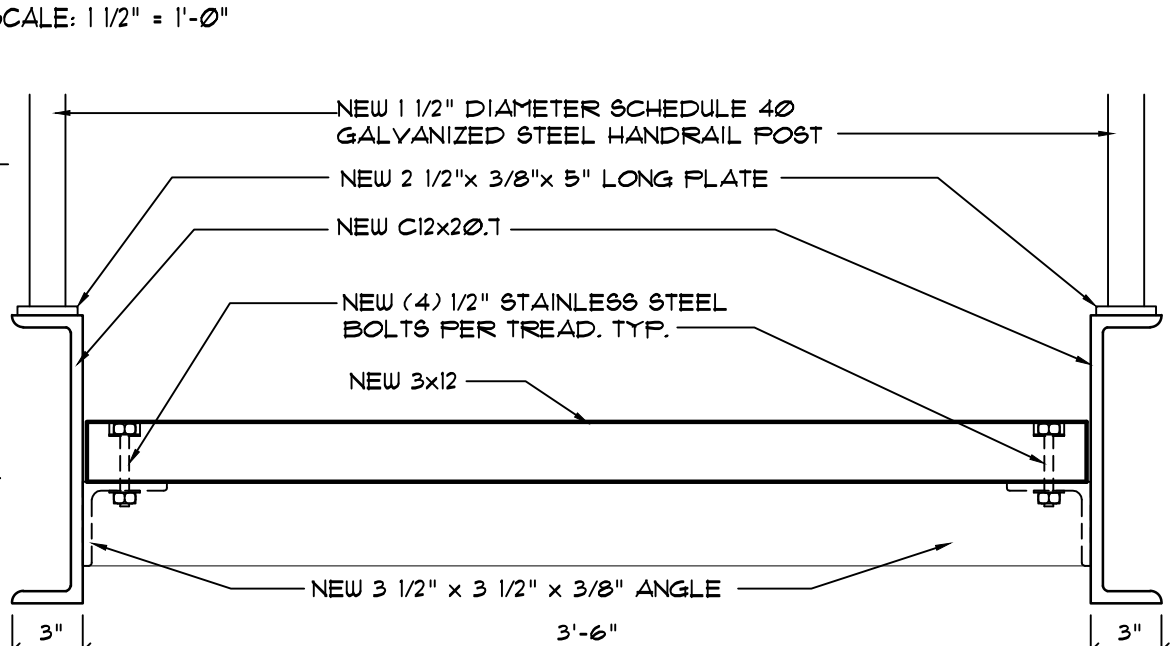
PARTIAL SITE PLAN

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



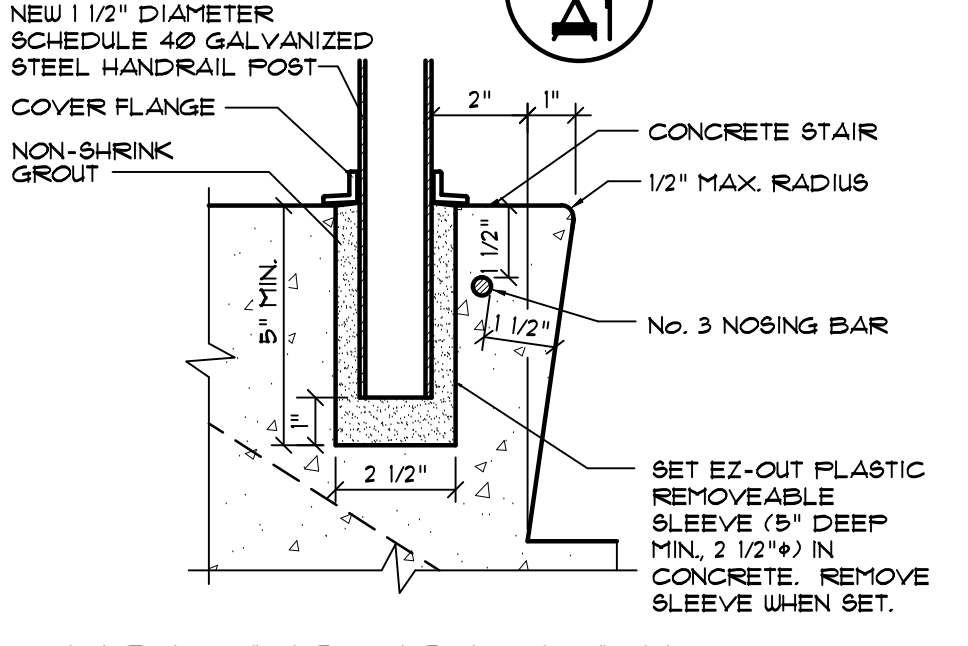
STAIR DETAIL

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



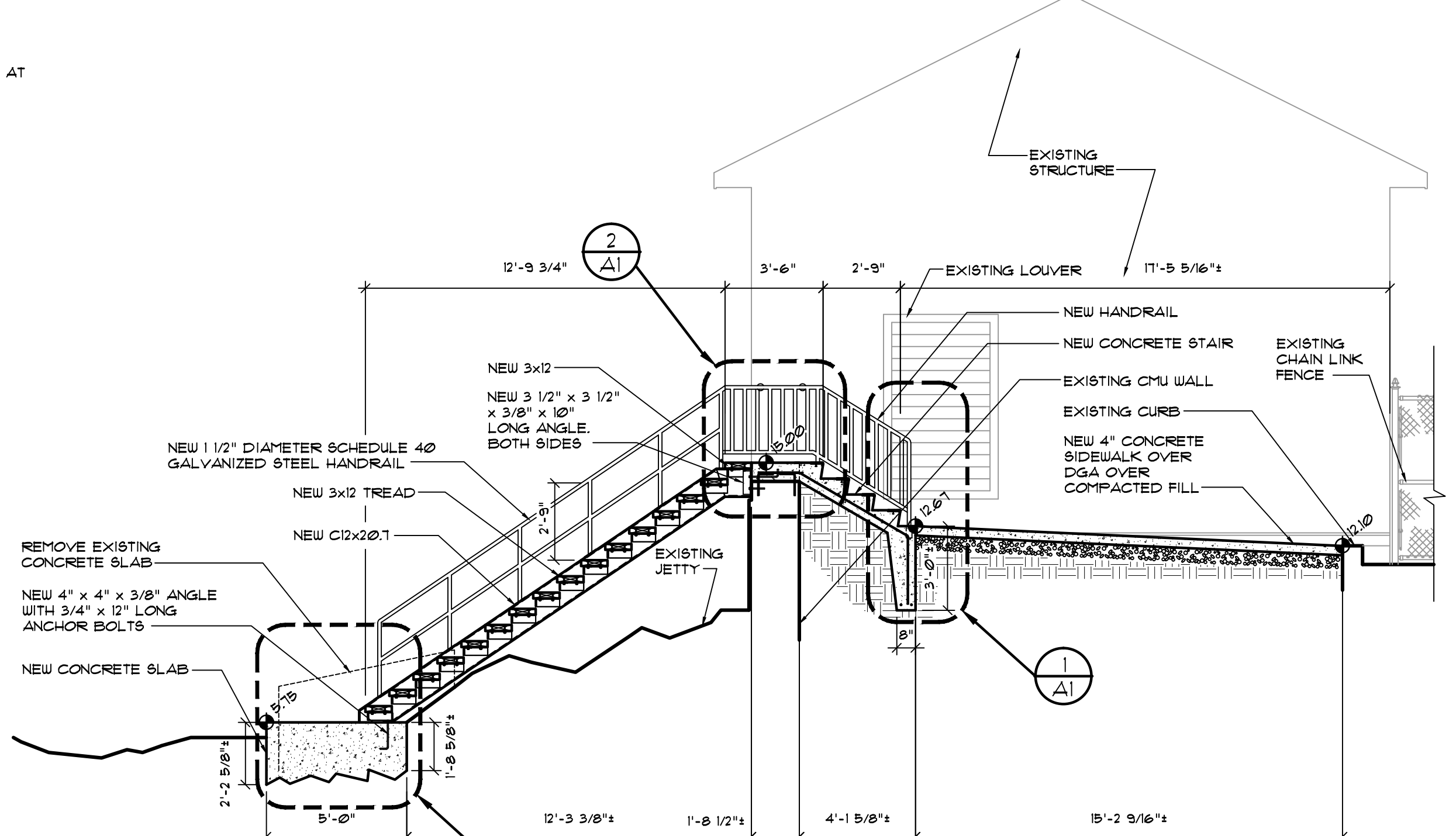
TREAD DETAIL

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



TREAD DETAIL AT POST

SCALE: 3" = 1'-0"



SECTION

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

SPECIFICATIONS

DIVISION 3 CONCRETE
 CONCRETE: PORTLAND CEMENT: ANSI/ASTM C 150, TYPE I OR II, CONFORMING TO SECTION 914 OF NIDOT STANDARD SPECIFICATIONS. FINE AGGREGATE SHALL CONFORM TO ANSI/ASTM C-33. COURSE AGGREGATE FOR STONE CONCRETE SHALL CONFORM TO ANSI/ASTM C-33.
 DESIGN MIX: CONCRETE FOR BUILDING CONSTRUCTION: 3,000 PSI 28-DAY COMPRESSIVE STRENGTH. MINIMUM CEMENT CONTENT: 611 LBS/CYD; MAXIMUM WATER/CEMENT RATIO: 0.40; AIR CONTENT 6% +/- 1/2% FOR 3/4" AGGREGATE.
 PROVIDE SUPERGRIT TYPE 141 SAFETY TREADS AS MANUFACTURED BY WOOSTER PRODUCTS INC. FOR EXTERIOR STAIRS. COLOR AS DIRECTED BY ARCHITECT. SAFETY TREADS SHALL BE INSTALLED BEFORE INITIAL SET OF THE CONCRETE OCCURS. TREADS SHALL FINISH FLUSH WITH THE TOP OF THE TRAFFIC SURFACE.
 CONCRETE SLAB SHALL HAVE A BROOM FINISH. CONTRACTION (CONTROL) JOINTS IN SLABS TO FORM PANELS OF PATTERNS AS SHOWN BY SAW CUTTING OR BY INSERTING AN APPROVED PLASTIC STRIP INTO FRESH CONCRETE UNTIL THE TOP SURFACE OF THE STRIP IS FLUSH WITH THE SLAB SURFACE.
DIVISION 5 METALS
 STEEL: STRUCTURAL STEEL SHAPES, PLATES, AND ANGLES: ASTM A 36.
 BOLTS, NUTS, AND WASHERS: ANCHOR BOLTS: STAINLESS STEEL A 316. NUTS AND BOLTS: STAINLESS STEEL A 316, GRADE A.

GALVANIZING: G185 ZINC COATING. ASTM A 153 FOR GALVANIZING IRON AND STEEL HARDWARE. ASTM A 123 FOR GALVANIZING ROLLED, PRESSED AND FORGED STEEL SHAPES, PLATES, BARS AND STRIP 1/8" THICK AND HEAVIER. ASTM A 386 FOR GALVANIZING ASSEMBLED STEEL PRODUCTS.
HANDRAILS: THE HANDRAIL SHALL BE GALVANIZED 1 1/2" O.D. SCHEDULE 40 PIPE. THE TOP OF THE RAIL SHALL BE MOUNTED BETWEEN 34" AND 36" ABOVE THE WALKING SURFACE.
REINFORCING BARS: ANSI/ASTM A 615, GRADE 60, DEFORMED EPOXY COATED IN ACCORDANCE WITH ASTM A118.
 ALL FABRICATIONS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
DIVISION 6 WOOD, PLASTICS, AND COMPOSITES
LUMBER: LUMBER FOR PRESERVATIVE TREATMENT MUST CONFORM TO THE FOLLOWING SPECIFICATIONS. GRADE: NO. 2 DENSE OR BETTER. SPECIES: SOUTHERN PINE. MOISTURE CONTENT: KILN DRIED TO 15%.
PRESERVATIVE TREATMENT: UC5B MARINE USE CENTRAL WATERS - WOOD AND WOOD BASED MATERIALS EXPOSED TO SALT AND BRACKISH WATER. LUMBER SHALL BE RE-DRYED TO 15% MOISTURE CONTENT AFTER TREATMENT.
DIVISION 31 EARTHWORK
 FILL: POROUS FILL TO BE WELL COMPACTED CRUSHED STONE OR GRAVEL, FROM 1" TO 3-1/2" IN SIZE. WELL GRADED. POROUS FILL SHALL BE WASHED AND FREE FROM SOIL, CLAY AND OTHER FOREIGN MATTER (AASHTO M91).

KEY

- 30.55' 30.55' SPOT ELEVATION
- EJ EXPANSION JOINT. SEPARATE SLAB SECTION WITH 1/2" COMPRESSIBLE FILLER AND SEALANT.

**CONSTRUCTION OF DUNE WALKOVER
 ROOSEVELT AVENUE
 DEAL, MONMOUTH COUNTY, NEW JERSEY**

PARTIAL SITE PLAN AND SECTION

SUBMISSION	BY	DATE
FINAL DESIGN	TJL	07/11/15
FINAL DESIGN 2	TJL	07/28/15

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 405 RICHMOND AVENUE
 POINT PLEASANT BEACH, NEW JERSEY 08742
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