



Purchasing Division

## Invitation for Bid

IFB-4182-16-DH

Mesa County Fairgrounds at Veteran's Memorial Park  
Grandstands Ramp Accessibility Upgrade Project

### **Responses Due:**

March 4, 2016 prior to 3:00pm

**Accepting Electronic Responses Only**

**Responses Only Submitted Through the Rocky Mountain E-Purchasing System (RMEPS)**

**<https://www.rockymountainbidsystem.com/default.asp>**

(Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline. 800-835-4603)

### **Purchasing Representative:**

Duane Hoff Jr.,

**[duaneh@gjcity.org](mailto:duaneh@gjcity.org)**

970-244-1545

This document has been developed specifically to solicit competitive responses for this solicitation, and may not be the same as previous City of Grand Junction/Mesa County solicitations. All vendors are urged to thoroughly review this solicitation prior to responding. Submittal by **FAX IS NOT ACCEPTABLE** for this solicitation.

# **Invitation for Bids**

## **Table of Contents**

Section 1	Instruction to Bidders
Section 2	General Contract Conditions
Section 3	Statement of Work
Section 4	Contractor's Bid Form
	Price Proposal/Bid Schedule Form
	Attachments

# **1. Instructions to Bidders**

- 1.1. **Purpose:** The City of Grand Junction, on behalf of Mesa County, is soliciting competitive bids from qualified and interested companies for all labor, equipment, and materials required to construct an upgraded accessibility ramp at the Mesa County Veteran's Memorial Park. All dimensions and scope of work should be verified by Contractors prior to submission of bids.
- 1.2. **Mandatory Site Visit/Briefing:** **Prospective bidders are required to attend a site visit/briefing on February 25, 2016 at 10:30am.** Meeting location shall be at Facilities Building Conference Room, Mesa County Fairgrounds, Veterans Memorial Park, 2785 Hwy 50, Grand Junction, CO. The purpose of this visit will be to inspect and to clarify the contents of this Invitation for Bids (IFB).
- 1.3. **The Owner:** The Owner is the City of Grand Junction and/or Mesa County, Colorado and is referred to throughout this Solicitation. The term Owner means the Owner or his authorized representative.
- 1.4. **Submission:** **Each proposal shall be submitted in electronic format only, and only through the Rocky Mountain E-Purchasing website (<https://www.rockymountainbidssystem.com/default.asp>).** *This site offers both "free" and "paying" registration options that allow for full access of the Owner's documents and for electronic submission of proposals. (Note: "free" registration may take up to 24 hours to process. Please Plan accordingly.)* Please view our "Electronic Vendor Registration Guide" at <http://www.gjcity.org/BidOpenings.aspx> for details. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline. **800-835-4603**)
- 1.5. **Printed Form for Price Bid:** All Price Bids must be made upon the Contractor's Bid Form attached, and should give the amounts both in words and in figures, and must be signed and acknowledged by the bidder.
- 1.6. **Exclusions:** No oral, telephonic, emailed, or facsimile bid will be considered
- 1.7. **Contract Documents:** The complete IFB and bidder's response compose the Contract Documents. Copies of these documents can be obtained from the City Purchasing website, <http://www.gjcity.org/BidOpenings.aspx>.
- 1.8. **Examination of Specifications:** Bidders shall thoroughly examine and be familiar with the project Statement of Work. The failure or omission of any Offeror to receive or examine any form, addendum, or other document shall in no way relieve any Offeror from any obligation with respect to his bid. The submission of a bid shall be taken as evidence of compliance with this section.

- 1.9. **Questions Regarding Statement of Work:** Any information relative to interpretation of Scope of Work or specifications shall be requested of the Purchasing Representative, in writing, in ample time prior to the response time.
- 1.10. **Addenda & Interpretations:** If it becomes necessary to revise any part of this solicitation, a written addendum will be posted electronically on the City's website at <http://www.gjcity.org/BidOpenings.aspx>. The Owner is not bound by any oral representations, clarifications, or changes made in the written specifications by Owner, unless such clarification or change is provided in written addendum form from the City Purchasing Representative.
- 1.11. **Taxes:** The Owner is exempt from State retail and Federal tax. The bid price must be net, exclusive of taxes.
- 1.12. **Offers Binding 60 Days:** Unless otherwise specified, all formal offers submitted shall be binding for sixty (60) calendar days following opening date, unless the Bidder, upon request of the Purchasing Representative, agrees to an extension.
- 1.13. **Collusion Clause:** Each bidder by submitting a bid certifies that it is not party to any collusive action or any action that may be in violation of the Sherman Antitrust Act. Any and all bids shall be rejected if there is evidence or reason for believing that collusion exists among bidders. The Owner may, or may not, accept future bids for the same services or commodities from participants in such collusion.
- 1.14. **Public Disclosure Record:** If the bidder has knowledge of their employee(s) or sub-contractors having an immediate family relationship with a City/County employee or elected official, the bidder must provide the Purchasing Representative with the name(s) of these individuals. These individuals are required to file an acceptable "Public Disclosure Record", a statement of financial interest, before conducting business with the City/County.

## **2. General Contract Conditions for Construction Projects**

- 2.1. **The Contract:** This Invitation for Bid, submitted documents, and any negotiations, when properly accepted by the City/County, shall constitute a contract equally binding between the City/County and Contractor. The contract represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral. The contract may be amended or modified with Change Orders, Field Orders, or Addendums.
- 2.2. **The Work:** The term Work includes all labor necessary to produce the construction required by the Contract Documents, and all materials and equipment incorporated or to be incorporated in such construction.
- 2.3. **Execution, Correlation, Intent, and Interpretations:** The Contract Documents shall be signed in not less than triplicate by the Owner (City/County) and Contractor.

City/County will provide the contract. By executing the contract, the Contractor represents that he/she has visited the site, familiarized himself with the local conditions under which the Work is to be performed, and correlated his observations with the requirements of the Contract Documents. The Contract Documents are complementary, and what is required by any one, shall be as binding as if required by all. The intention of the documents is to include all labor, materials, equipment and other items necessary for the proper execution and completion of the scope of work as defined in the technical specifications and drawings contained herein. All drawings, specifications and copies furnished by the City/County are, and shall remain, City/County property. They are not to be used on any other project, and with the exception of one contract set for each party to the contract, are to be returned to the owner on request at the completion of the work.

- 2.4. The Owner:** The Owner is the City of Grand Junction and/or Mesa County, Colorado and is referred to throughout the Contract Documents. The term Owner means the Owner or his authorized representative. The Owner shall, at all times, have access to the work wherever it is in preparation and progress. The Contractor shall provide facilities for such access. The Owner will make periodic visits to the site to familiarize himself generally with the progress and quality of work and to determine, in general, if the work is proceeding in accordance with the contract documents. Based on such observations and the Contractor's Application for Payment, the Owner will determine the amounts owing to the Contractor and will issue Certificates for Payment in such amounts, as provided in the contract. The Owner will have authority to reject work which does not conform to the Contract documents. Whenever, in his reasonable opinion, he considers it necessary or advisable to insure the proper implementation of the intent of the Contract Documents, he will have authority to require the Contractor to stop the work or any portion, or to require special inspection or testing of the work, whether or not such work can be then be fabricated, installed, or completed. The Owner will not be responsible for the acts or omissions of the Contractor, and sub-Contractor, or any of their agents or employees, or any other persons performing any of the work.
- 2.5. Contractor:** The Contractor is the person or organization identified as such in the Agreement and is referred to throughout the Contract Documents. The term Contractor means the Contractor or his authorized representative. The Contractor shall carefully study and compare the General Contract Conditions of the Contract, Specification and Drawings, Scope of Work, Addenda and Modifications and shall at once report to the Owner any error, inconsistency or omission he may discover. Contractor shall not be liable to the Owner for any damage resulting from such errors, inconsistencies or omissions. The Contractor shall not commence work without clarifying Drawings, Specifications, or Interpretations.
- 2.6. Sub-Contractors:** A sub-contractor is a person or organization who has a direct contract with the Contractor to perform any of the work at the site. The term sub-contractor is referred to throughout the contract documents and means a sub-contractor or his authorized representative.

- 2.7. Award of Sub-Contractors & Other Contracts for Portions of the Work:** As soon as practicable after bids are received and prior to the award of the contract, the successful Contractor shall furnish to the Owner, in writing for acceptance, a list of the names of the sub-contractors or other persons or organizations proposed for such portions of the work as may be designated in the proposal requirements, or, if none is so designated, the names of the sub-contractors proposed for the principal portions of the work. Prior to the award of the contract, the Owner shall notify the successful Contractor in writing if, after due investigation, has reasonable objection to any person or organization on such list. If, prior to the award of the contract, the Owner has a reasonable and substantial objection to any person or organization on such list, and refuses in writing to accept such person or organization, the successful Contractor may, prior to the award, withdraw their proposal without forfeiture of proposal security. If the successful Contractor submits an acceptable substitute with an increase in the proposed price to cover the difference in cost occasioned by the substitution, the Owner may, at their discretion, accept the increased proposal or may disqualify the Contractor. If, after the award, the Owner refuses to accept any person or organization on such list, the Contractor shall submit an acceptable substitute and the contract sum shall be increased or decreased by the difference in cost occasioned by such substitution and an appropriate Change Order shall be issued. However, no increase in the contract sum shall be allowed for any such substitution unless the Contractor has acted promptly and responsively in submitting a name with respect thereto prior to the award.
- 2.8. Supervision and Construction Procedures:** The Contractor shall supervise and direct the work, using his best skill and attention. He shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the work under the contract.
- 2.9. Warranty:** The Contractor warrants to the Owner that all materials and equipment furnished under this contract will be new unless otherwise specified, and that all work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All work not so conforming to these standards may be considered defective. If required by Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If within ten (10) days after written notice to the Contractor requesting such repairs or replacement, the Contractor should neglect to make or undertake with due diligence to the same, the City may make such repairs or replacements. All indirect and direct costs of such correction or removal or replacement shall be at the Contractor's expense. The Contractor will also bear the expenses of making good all work of others destroyed or damaged by the correction, removal or replacement of his defective work.
- 2.10. Permits, Fees, & Notices:** The Contractor shall secure and pay for all permits, governmental fees and licenses necessary for the proper execution and completion of the work. The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations and orders of any public authority bearing on the performance of the work. If the Contractor observes that any of the Contract

Documents are at variance in any respect, he shall promptly notify the Owner in writing, and any necessary changes shall be adjusted by approximate modification. If the Contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, he shall assume full responsibility and shall bear all costs attributable.

- 2.11. Responsibility for Those Performing the Work:** The Contractor shall be responsible to the Owner for the acts and omissions of all his employees and all sub-contractors, their agents and employees, and all other persons performing any of the work under a contract with the Contractor.
- 2.12. Use of the Site:** The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents, and shall not unreasonably encumber the site with any materials or equipment.
- 2.13. Cleanup:** The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by his operations. At the completion of work he shall remove all his waste materials and rubbish from and about the project, as well as all his tools, construction equipment, machinery and surplus materials.
- 2.14. Insurance Requirements:** The selected Bidder agrees to procure and maintain, at its own cost, policy(s) of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by the Bidder pursuant to this Section. Such insurance shall be in addition to any other insurance requirements imposed by this Contract or by law. The Bidder shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to this Section by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types. Bidder shall procure and maintain and, if applicable, shall cause any Subcontractor of the Bidder to procure and maintain insurance coverage listed below. Such coverage shall be procured and maintained with forms and insurers acceptable to the Owner. All coverage shall be continuously maintained to cover all liability, claims, demands, and other obligations assumed by the Bidder pursuant to this Section. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Minimum coverage limits shall be as indicated below unless specified otherwise in the Special Conditions:

(a) Worker Compensation insurance to cover obligations imposed by applicable laws for any employee engaged in the performance of work under this Contract, and Employers' Liability insurance with minimum limits of:

One Million Dollars (\$1,000,000) each accident,  
One Million Dollars (\$1,000,000) disease - policy limit, and  
One Million Dollars (\$1,000,000) disease - each employee

(b) General Liability insurance with minimum combined single limits of:

One Million Dollars (\$1,000,000) each occurrence and  
One Million Dollars (\$1,000,000) per job aggregate.

The policy shall be applicable to all premises and operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall include coverage for explosion, collapse, and underground hazards. The policy shall contain a severability of interests provision.

(c) Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than:

One Million Dollars (\$1,000,000) each occurrence and  
One Million Dollars (\$1,000,000) aggregate

This policy shall provide coverage to protect the contractor against liability incurred as a result of the professional services performed as a result of responding to this Solicitation.

With respect to each of Bidder's owned, hired, or non-owned vehicles assigned to be used in performance of the Work. The policy shall contain a severability of interests provision. The policies required by paragraphs (b), and (c) above shall be endorsed to include the City and/or County, and the City's and/or County's officers and employees as additional insureds. Every policy required above shall be primary insurance, and any insurance carried by the Owner, its officers, or its employees, or carried by or provided through any insurance pool of the Owner, shall be excess and not contributory insurance to that provided by Bidder. No additional insured endorsement to any required policy shall contain any exclusion for bodily injury or property damage arising from completed operations. The Bidder shall be solely responsible for any deductible losses under any policy required above.

**2.15. Indemnification:** The Contractor shall defend, indemnify and save harmless the Owner, and all its officers, employees, insurers, and self-insurance pool, from and against all liability, suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the Contractor, or of any Contractor's agent, employee, sub-contractor or supplier in the execution of, or performance under, any contract which may result from proposal award. Contractor shall pay any judgment with cost which may be obtained against the Owner growing out of such injury or damages.

**2.16. Miscellaneous Conditions:** Material Availability: Contractors must accept responsibility for verification of material availability, production schedules, and other pertinent data prior to submission of bid. It is the responsibility of the bidder to notify the Owner immediately if materials specified are discontinued, replaced, or



not available for an extended period of time. OSHA Standards: All bidders agree and warrant that services performed in response to this invitation shall conform to the standards declared by the US Department of Labor under the Occupational Safety and Health Act of 1970 (OSHA). In the event the services do not conform to OSHA standards, the Owner may require the services to be redone at no additional expense to the Owner.

- 2.17. Time:** The Contract Time is the period of time allotted in the Contract Documents for completion of the work. The date of commencement of the work is the date established in a Notice to Proceed. If there is no Notice to Proceed, it shall be the date of the Contract or such other date as may be established therein, or as established as entered on the Bid Form. The Date of Substantial Completion of the work or designated portions thereof is the date certified by the Owner when construction is sufficiently complete, in accordance with the Contract Documents.
- 2.18. Progress & Completion:** The Contractor shall begin work on the date of commencement as defined in the Contract, and shall carry the work forward expeditiously with adequate forces and shall complete it within the contract time.
- 2.19. Payment & Completion:** The Contract Sum is stated in the Contract and is the total amount payable by the Owner to the Contractor for the performance of the work under the Contract Documents. Upon receipt of written notice that the work is ready for final inspection and acceptance and upon receipt of application for payment, the Owner's Project Manager will promptly make such inspection and, when he finds the work acceptable under the Contract Documents and the Contract fully performed, the Owner shall make payment in the manner provided in the Contract Documents.
- 2.20. Quantities of Work and Unit Price:** Materials or quantities stated as unit price items in the Bid are supplied only to give an indication of the general scope of the Work. The City does not expressly or by implication agree that the actual amount of Work or material will correspond therewith, and reserves the right after award to increase or decrease the quantity of any unit item of the Work without a change in the unit price. The City also reserves the right to make changes in the Work including the right to delete any bid item in its entirety or add additional bid items.
- 2.21. Bid Bond:** Each Bid shall as a guaranty of good faith on the part of the Bidder be accompanied by a Bid Guaranty consisting of: a certified or cashier's check drawn on an approved national bank or trust company in the state of Colorado, and made payable without condition to the City; or a **Bid Bond** written by an approved corporate surety in favor of the City. The amount of the Bid Guaranty shall not be less than 5% of the total Bid amount. Once a Bid is accepted and a Contract is awarded, the apparent successful bidder has ten calendar days to enter into a contractor in the form prescribed and to furnish the bonds with a legally responsible and approved surety. Failure to do so will result in forfeiture of the Bid Guaranty to the City as Liquidated Damages.

- 2.22. Performance & Payment Bonds:** Contractor shall furnish a Performance and a Payment Bond, each in an amount at least equal to that specified for the contract amount as security for the faithful performance and payment of all Contractor's obligations under the Contract Documents. These bonds shall remain in effect for the duration of the Warranty Period (as specified in the Special Conditions). Contractor shall also furnish other bonds that may be required by the Special Conditions. All bonds shall be in the forms prescribed by the Contract Documents and be executed by such sureties as (1) are licensed to conduct business in the State of Colorado and (2) are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff, Bureau of Accounts, U.S. Treasury Department. All bonds signed by an agent must be accompanied by a certified copy of the Authority Act. If the surety on any bond furnished by the Contractor is declared bankrupt, or becomes insolvent, or its rights to do business in Colorado are terminated, or it ceases to meet the requirements of clauses (1) and (2) of this section, Contractor shall within five (5) days thereafter substitute another bond and surety, both of which shall be acceptable to the City.
- 2.23. Retention:** The Owner will deduct money from the partial payments in amounts considered necessary to protect the interest of the Owner and will retain this money until after completion of the entire contract. The amount to be retained from partial payments will be five (5) percent of the value of the completed work, and not greater than five (5) percent of the amount of the Contract. When the retainage has reached five (5) percent of the amount of the Contract no further retainage will be made and this amount will be retained until such time as final payment is made.
- 2.24. Contingency/Force Account:** Contingency/Force Account work will be authorized by the Owner's Project Manager and is defined as minor expenses to cover miscellaneous or unforeseen expenses related to the project. The expenses are not included in the Drawings, Specifications, or Scope of Work and are necessary to accomplish the scope of this contract. Contingency/Force Account Authorization will be directed by the Owner through an approved form. Contingency/Force Account funds are the property of the Owner and any Contingency/Force Account funds, not required for project completion, shall remain the property of the Owner. Contractor is not entitled to any Contingency/Force Account funds, that are not authorized by Owner or Owner's Project Manager.
- 2.25. Protection of Persons & Property:** The Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. Contractor shall erect and maintain, as required by existing safeguards for safety and protection, and all reasonable precautions, including posting danger signs or other warnings against hazards promulgating safety regulations and notifying owners and users of adjacent utilities. When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct by the Contractor in the execution of the work, or in consequence of the non-execution thereof by the

Contractor, he shall restore, at his own expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring as may be directed, or it shall make good such damage or injury in an acceptable manner.

- 2.26. Changes in the Work:** The Owner, without invalidating the contract, may order changes in the work within the general scope of the contract consisting of additions, deletions or other revisions, the contract sum and the contract time being adjusted accordingly. All such changes in the work shall be authorized by Change Order and shall be executed under the applicable conditions of the contract documents. A Change Order is a written order to the Contractor signed by the Owner issued after the execution of the contract, authorizing a change in the work or an adjustment in the contract sum or the contract time. The contract sum and the contract time may be changed only by Change Order.
- 2.27. Claims for Additional Cost or Time:** If the Contractor wishes to make a claim for an increase in the contract sum or an extension in the contract time, he shall give the Owner written notice thereof within a reasonable time after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the work, except in an emergency endangering life or property in which case the Contractor shall precede in accordance with the regulations on safety. No such claim shall be valid unless so made. Any change in the contract sum or contract time resulting from such claim shall be authorized by Change Order.
- 2.28. Minor Changes in the Work:** The Owner shall have authority to order minor changes in the work not involving an adjustment in the contract sum or an extension of the contract time and not inconsistent with the intent of the contract documents.
- 2.29. Field Orders:** The Owner may issue written Field Orders which interpret the Contract Documents in accordance with the specifications, or which order minor changes in the work in accordance with the agreement, without change in the contract sum or time. The Contractor shall carry out such Field Orders promptly.
- 2.30. Uncovering & Correction of Work:** The Contractor shall promptly correct all work rejected by the Owner as defective or as failing to conform to the contract documents whether observed before or after substantial completion and whether or not fabricated installed or competed. The Contractor shall bear all costs of correcting such rejected work, including the cost of the Owner's additional services thereby made necessary. If within one (1) year after the date of completion or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the contract documents, any of the work found to be defective or not in accordance with the contract documents, the Contractor shall correct it promptly after receipt of a written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discover of condition. All such defective or non-conforming work under the above paragraphs

shall be removed from the site where necessary and the work shall be corrected to comply with the contract documents without cost to the Owner. The Contractor shall bear the cost of making good all work of separate Contractors destroyed or damaged by such removal or correction. If the Owner prefers to accept defective or non-conforming work, he may do so instead of requiring its removal and correction, in which case a Change Order will be issued to reflect an appropriate reduction in the payment or contract sum, or, if the amount is determined after final payment, it shall be paid by the Contractor.

- 2.30. Amendment:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting contract. All amendments to the contract shall be made in writing by the Owner.
- 2.31. Assignment:** The Contractor shall not sell, assign, transfer or convey any contract resulting from this IFB, in whole or in part, without the prior written approval from the Owner.
- 2.32. Compliance with Laws:** Bids must comply with all Federal, State, County and local laws governing or covering this type of service and the fulfillment of all ADA (Americans with Disabilities Act) requirements.
- 2.33. Confidentiality:** All information disclosed by the Owner to the Contractor for the purpose of the work to be done or information that comes to the attention of the Contractor during the course of performing such work is to be kept strictly confidential.
- 2.34. Conflict of Interest:** No public official and/or City/County employee shall have interest in any contract resulting from this IFB.
- 2.35. Contract Termination:** This contract shall remain in effect until any of the following occurs: (1) contract expires; (2) completion of services; (3) acceptance of services or, (4) for convenience terminated by either party with a written *Notice of Cancellation* stating therein the reasons for such cancellation and the effective date of cancellation.
- 2.36. Employment Discrimination:** During the performance of any services per agreement with the Owner, the Contractor, by submitting a Bid, agrees to the following conditions:
- 2.36.1.** The Contractor shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, handicap, or national origin except when such condition is a legitimate occupational qualification reasonably necessary for the normal operations of the Contractor. The Contractor agrees to post in conspicuous places, visible to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

- 2.36.2.** The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, shall state that such Contractor is an Equal Opportunity Employer.
- 2.36.3.** Notices, advertisements, and solicitations placed in accordance with federal law, rule, or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
- 2.37. Immigration Reform and Control Act of 1986 and Immigration Compliance:** The Offeror certifies that it does not and will not during the performance of the contract employ illegal alien workers or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986 and/or the immigration compliance requirements of State of Colorado C.R.S. § 8-17.5-101, *et.seq.* (House Bill 06-1343).
- 2.38. Ethics:** The Contractor shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official, or agent of the Owner.
- 2.39. Failure to Deliver:** In the event of failure of the Contractor to deliver services in accordance with the contract terms and conditions, the Owner, after due oral or written notice, may procure the services from other sources and hold the Contractor responsible for any costs resulting in additional purchase and administrative services. This remedy shall be in addition to any other remedies that the Owner may have.
- 2.40. Failure to Enforce:** Failure by the Owner at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the Owner to enforce any provision at any time in accordance with its terms.
- 2.41. Force Majeure:** The Contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the Contractor, unless otherwise specified in the contract.
- 2.42. Independent Contractor:** The Contractor shall be legally considered an Independent Contractor and neither the Contractor nor its employees shall, under any circumstances, be considered servants or agents of the Owner. The Owner shall be at no time legally responsible for any negligence or other wrongdoing by the Contractor, its servants, or agents. The Owner shall not withhold from the contract payments to the Contractor any federal or state unemployment taxes, federal or state income taxes, Social Security Tax or any other amounts for benefits to the Contractor. Further, the Owner shall not provide to the Contractor any insurance coverage or other benefits, including Workers' Compensation, normally provided by the Owner for its employees.
- 2.43. Nonconforming Terms and Conditions:** A bid that includes terms and conditions that do not conform to the terms and conditions of this Invitation for Bid is subject to

rejection as non-responsive. The Owner reserves the right to permit the Contractor to withdraw nonconforming terms and conditions from its bid prior to a determination by the Owner of non-responsiveness based on the submission of nonconforming terms and conditions.

- 2.44. Ownership:** All plans, prints, designs, concepts, etc., shall become the property of the Owner.
- 2.45. Oral Statements:** No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this document and/or resulting agreement. All modifications to this request and any agreement must be made in writing by the Owner.
- 2.46. Patents/Copyrights:** The Contractor agrees to protect the Owner from any claims involving infringements of patents and/or copyrights. In no event shall the Owner be liable to the Contractor for any/all suits arising on the grounds of patent(s)/copyright(s) infringement. Patent/copyright infringement shall null and void any agreement resulting from response to this IFB.
- 2.47. Remedies:** The Contractor and Owner agree that both parties have all rights, duties, and remedies available as stated in the Uniform Commercial Code.
- 2.48. Venue:** Any agreement as a result of responding to this IFB shall be deemed to have been made in, and shall be construed and interpreted in accordance with, the laws of the City of Grand Junction, Mesa County, Colorado.
- 2.49. Expenses:** Expenses incurred in preparation, submission and presentation of this IFB are the responsibility of the company and cannot be charged to the Owner.
- 2.50. Sovereign Immunity:** The Owner specifically reserves its right to sovereign immunity pursuant to Colorado State Law as a defense to any action arising in conjunction to this agreement.
- 2.51. Non-Appropriation of Funds:** The contractual obligation of the Owner under this contract is contingent upon the availability of appropriated funds from this fiscal year budget as approved by the City Council or Board of County Commissioners from this fiscal year only. State of Colorado Statutes prohibit obligation of public funds beyond the fiscal year for which the budget was approved. Anticipated expenditures/obligations beyond the end of the current Owner's fiscal year budget shall be subject to budget approval. Any contract will be subject to and must contain a governmental non-appropriation of funds clause.
- 2.52. Cooperative Purchasing:** Purchases as a result of this solicitation are primarily for the City/County. Other governmental entities may be extended the opportunity to utilize the resultant contract award with the agreement of the successful provider and the participating agencies. All participating entities will be required to abide by the specifications, terms, conditions and pricings established in this Bid. The quantities furnished in this bid document are for only the City/County. It does not

include quantities for any other jurisdiction. The City or County will be responsible only for the award for its jurisdiction. Other participating entities will place their own awards on their respective Purchase Orders through their purchasing office or use their purchasing card for purchase/payment as authorized or agreed upon between the provider and the individual entity. The City/County accepts no liability for payment of orders placed by other participating jurisdictions that choose to piggy-back on our solicitation. Orders placed by participating jurisdictions under the terms of this solicitation will indicate their specific delivery and invoicing instructions.

**2.53. Keep Jobs in Colorado Act:** Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, Colorado Revised Statutes requiring 80% Colorado labor to be employed on public works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a). If Contractor claims it is entitled to a waiver pursuant to C.R.S. §8-17-101(1), Contractor shall state that there is insufficient Colorado labor to perform the work such that compliance with Article 17 would create an undue burden that would substantially prevent a project from proceeding to completion, and shall include evidence demonstrating the insufficiency and undue burden in its response.

Unless expressly granted a waiver by the Owner pursuant to C.R.S. §8-17-101(1), Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, Colorado Revised Statutes requiring 80% Colorado labor to be employed on public works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a).

**2.53.1.** "Public project" is defined as:

- (a) any construction, alteration, repair, demolition, or improvement of any land, building, structure, facility, road, highway, bridge, or other public improvement suitable for and intended for use in the promotion of the public health, welfare, or safety and any maintenance programs for the upkeep of such projects
- (b) for which appropriate or expenditure of moneys may be reasonably expected to be \$500,000.00 or more in the aggregate for any fiscal year
- (c) except any project that receives federal moneys.

### **3. Statement of Work**

**3.1. General:** The City of Grand Junction, on behalf of Mesa County, is soliciting competitive bids from qualified and interested companies for all labor, equipment, and materials required to construct an upgraded accessibility ramp at the Mesa County Veteran's Memorial Park. All dimensions and scope of work should be verified by Contractors prior to submission of bids.

**3.2. Special Conditions & Provisions:**

**3.2.1 Mandatory Site Visit/Briefing:** Prospective bidders are required to attend a site visit/briefing on February 25, 2016 at 10:30am. Meeting location shall be at Facilities Building Conference Room, Mesa County Fairgrounds, Veterans Memorial Park, 2785 Hwy 50, Grand Junction, CO. The purpose of this visit will be to inspect and to clarify the contents of this Invitation for Bids (IFB).

**3.2.2 Pricing:** Pricing shall be all inclusive to include but not be limited to: all labor, equipment, supplies, materials, freight (F.O.B. Destination – Freight Pre-paid and Allowed to each site), travel, mobilization costs, fuel, set-up and take down costs, and full-time inspection costs, and all other costs related to the successful completion of the project.

The Owner shall not pay nor be liable for any other additional costs including but not limited to: taxes, shipping charges, insurance, interest, penalties, termination payments, attorney fees, liquidated damages, etc.

**3.2.3 Freight/Shipping:** All freight/shipping shall be F.O.B. Destination – Freight Pre-Paid and Allowed to the project site(s), Grand Junction, CO.

**3.2.4 Contract:** A binding contract shall consist of: (1) the IFB and any amendments thereto, (2) the bidder's response (bid) to the IFB, (3) clarification of the bid, if any, and (4) the Owner's acceptance of the bid by "Notice of Award". All Exhibits and Attachments included In the IFB shall be incorporated into the contract by reference.

A. The contract expresses the complete agreement of the parties and, performance shall be governed solely by the specifications and requirements contained therein.

B. Any change to the contract, whether by modification and/or supplementation, must be accomplished by a formal contract amendment signed and approved by and between the duly authorized representative of the bidder and the Owner or by a modified Change Order/Amendment prior to the effective date of such modification. The bidder expressly and explicitly understands and agrees that no other method and/or no other document, including acts and oral communications by or from any person, shall be used or construed as an amendment or modification to the contract.

**3.2.5 Time of Completion:** There are events scheduled both before and after the project construction dates that construction cannot occur. Therefore, project work shall commence no sooner than April 11, 2016, and the scheduled time of Final Completion for the Project shall be no later than May 3, 2016.

Completion is achieved when site cleanup and all punch list items (resulting from the final inspection) have been completed.

**3.2.6 Project Location:** Mesa County Fairgrounds at Veteran's Memorial Park, 2785 Hwy 50, Grand Junction, CO.



**3.2.7 Working Schedule:** 7 days per week, 6:00am-dusk. Any additional work schedule changes shall be coordinated with the Owner's Project Manager.

**3.2.8 Contractor Staging Area:** Contractor shall coordinate with Owner's Project Manager to determine proper staging area for the project.

**3.2.9 Licenses and Permits:** Contractor is responsible for obtaining all necessary licenses and permits required for Construction, at Contractors expense. See Section 2.10. Contractor shall supply to Owner all copies of finalized permits.

**3.2.10 Project Submittals:** Contractor shall provide project submittals to Owner's Project Manager for specification verification and approval, prior to product/material order and installation.

**3.2.11 Equipment/Product/Materials Quantities:** Contractor shall be responsible for determining all measurements for correctness, and all quantities of equipment/products/materials required for successful project completion.

**3.3. Scope of Work:** See attached drawings for scope and specifications.

**3.4. IFB Tentative Time Schedule:**

Invitation For Bids available	February 17, 2016
Site Visit/Briefing	February 25, 2016
Inquiry deadline, no questions after this date	February 29, 2016
Addendum Posted	March 1, 2016
Submittal deadline for proposals	March 4, 2016
Bonding & Insurance Cert due	March 9, 2016
City Council or Board of Commissioners Approval	March 21, 2016
Contract execution	March 21, 2016
Notice to Proceed	March 21, 2016
Work begins no later than	Upon Receipt of Notice to Proceed, <u>but not prior to April 11, 2016</u>
Final Completion	May 3, 2016

**3.5. Questions Regarding Scope of Services:**

Duane Hoff Jr., Senior Buyer  
City of Grand Junction  
[duaneh@gjcity.org](mailto:duaneh@gjcity.org)

## **4. Contractor's Bid Form**

**Bid Date:** \_\_\_\_\_

**Project: IFB-4182-16-DH "Mesa County Fairgrounds at Veteran's Memorial Park Grandstands Ramp Accessibility Upgrade Project"**

**Bidding Company:** \_\_\_\_\_

**Name of Authorized Agent:** \_\_\_\_\_

**Email** \_\_\_\_\_

**Telephone** \_\_\_\_\_ **Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip** \_\_\_\_\_

The undersigned Bidder, in compliance with the Invitation for Bids, having examined the Instruction to Bidders, General Contract Conditions, Statement of Work, Specifications, and any and all Addenda thereto, having investigated the location of, and conditions affecting the proposed work, hereby proposes to furnish all labor, materials and supplies, and to perform all work for the Project in accordance with Contract Documents, within the time set forth and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this Contractor's Bid Form is a part.

The undersigned Contractor does hereby declare and stipulate that this offer is made in good faith without collusion or connection to any person(s) providing an offer for the same work, and that it is made in pursuance of, and subject to, all terms and conditions of the Instructions to Bidders, the Specifications, and all other Solicitation Documents, all of which have been examined by the undersigned.

The Contractor also agrees that if awarded the Contract, to provide insurance certificates within ten (10) working days of the date of Notification of Award. Submittal of this offer will be taken by the Owner as a binding covenant that the Contractor will be prepared to complete the project in its entirety.

The Owner reserves the right to make the award on the basis of the offer deemed most favorable, to waive any formalities or technicalities and to reject any or all offers. It is further agreed that this offer may not be withdrawn for a period of sixty (60) calendar days after closing time. Submission of clarifications and revised offers automatically establish a new thirty day (30) period.

**RECEIPT OF ADDENDA:** the undersigned Contractor acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: \_\_\_\_\_.

It is the responsibility of the Bidder to ensure all Addenda have been received and acknowledged.

**PRICE BID SCHEDULE: IFB-IFB-4182-16-DH Mesa County Fairgrounds at Veteran's Memorial Park Grandstands Ramp Accessibility Upgrade Project**

Item No.	Description	Total Project Price
1	all labor, equipment, supplies, materials, freight (F.O.B. Destination – Freight Pre-paid and Allowed to each site), travel, mobilization costs, fuel, set-up and take down costs, and full-time inspection costs, and all other costs related to the successful completion of the project, as per the solicitation documents. <b>(do not include Add/Alternate 1 in this pricing)</b>	

**Total Bid Price Written:**

\_\_\_\_\_

**Add/Alternate 1**

Item No.	Description	Total Price for Add/Alternate 1
2	all labor, equipment, supplies, materials, freight (F.O.B. Destination – Freight Pre-paid and Allowed to each site), travel, mobilization costs, fuel, set-up and take down costs, and full-time inspection costs, and all other costs related to <u>Add/Alternate 1</u> , as per the solicitation documents.	

**Total Add/Alternate 1 Price Written:**

\_\_\_\_\_

*By signing below, the Undersigned agree to comply with all terms and conditions contained herein.*

**Company:** \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_

**Title:** \_\_\_\_\_

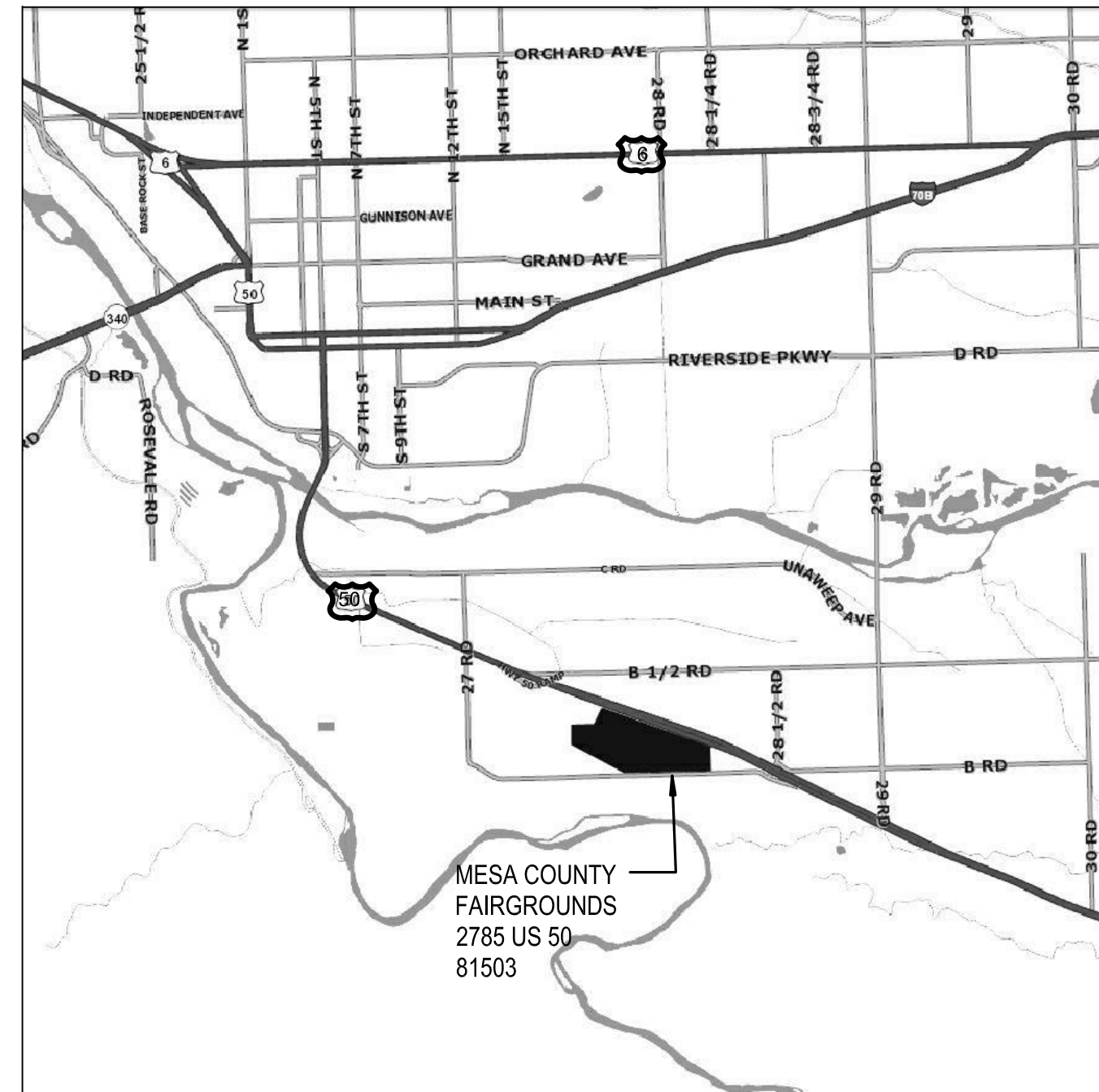
# MESA COUNTY FAIRGROUNDS AT VETERAN'S MEMORIAL PARK

## GRANDSTANDS RAMP ACCESSIBILITY UPGRADE

GRAND JUNCTION, COLORADO

## CONSTRUCTION DOCUMENTS

### LOCALITY MAP



### GENERAL NOTES

1. COMPLY WITH ALL MANUFACTURERS RECOMMENDATIONS AND INDUSTRY STANDARDS RELEVANT TO THE WORK HEREIN.
2. ALL DIMENSIONS ARE FROM FACE OF FINISH UNO.
3. ALL ALIGNMENTS ARE FACE OF FINISH UNO.
4. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION AND/OR INSTALLATION.
5. IF DISCREPANCIES ARE FOUND BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT AND OBTAIN CLARIFICATION PRIOR TO CONTINUING CONSTRUCTION.
6. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT PRIOR TO PROCEEDING WITH CONSTRUCTION OF THE ELEMENTS IN QUESTION.
7. ITEMS NOT NOTED ON THE DRAWINGS SHALL BE CONSIDERED THE SAME AS NOTED ITEMS WHICH ARE GRAPHICALLY REPRESENTED IN THE SAME MANNER.
8. STORM SEWER:  
ALL STORM SEWER CONSTRUCTION SHALL BE ACCORDING TO THE CITY OF GRAND JUNCTION STANDARDS AND SPECIFICATIONS.

### OWNER

MESA COUNTY  
P.O. Box 20,000  
Grand Junction, CO 81502

FACILITIES DEPARTMENT  
2785 Highway 50  
Department 5024  
Grand Junction, CO 81503

### DESIGN TEAM

**ARCHITECT:**  
CHAMBERLIN ARCHITECTS  
437 Main St.  
Grand Junction, CO 81501  
(970) 242-6804

**STRUCTURAL:**  
LINDAUER DUNN, INC  
802 ROOD AVE  
GRAND JUNCTION, CO 81501  
PHONE: (970) 241-0900

### DRAWING LIST

<b>GENERAL</b>	
G001	COVER SHEET
<b>ARCHITECTURAL</b>	
A001	ARCHITECTURAL SPECIFICATIONS
A002	ARCHITECTURAL SPECIFICATIONS
A011	SITE DEMO PLAN
A101	SITE PLAN
A201	ENLARGED LOWER RAMP/STAIR PLAN
A202	ENLARGED UPPER RAMP/STAIR PLAN
A301	SITE SECTIONS
A601	ARCHITECTURAL DETAILS
<b>STRUCTURAL</b>	
S001	GENERAL NOTES AND DETAILS
S101	FOUNDATION PLAN - NORTH
S102	FOUNDATION PLAN - SOUTH
S301	FOUNDATION SECTIONS

### ARCHITECTURAL ABBREVIATIONS

ALT	alternate	GA	gage, gauge	PERIM	perimeter
AL	aluminum	GAL	gallon	PLT	plate
ARCH	architect (ural)	GALV	galvanized	PNT	paint (ed)
ASPH	asphalt	GC	general contractor	PSF	pounds per square foot
BLDG	building	HAS	headed anchor stud	PSI	pounds per square inch
BO	bottom of	HCP	handicap (ed)	PVC	polyvinyl chloride
BRG	bearing	HORZ	horizontal	PVMT	pavement
CJ	control joint	HSS	hollow structural sections	R	riser, radius
CONC	concrete	HT	height	RCMD	recommend (ed) (ations)
CONT	continuous or continue	INCL	include (d) (ing)	RE	reference
CTR	center	INV	invert	REIN	reinforce (d) (ing)
DBL	double	JT	joint	REQ	required
DEMO	demolish / demolition	L	length, angle	REV	revision (s), revised
DIM	dimension (s)	LB	pound	S	south
DIR	direction	LF	lineal foot	SCH	schedule
DN	down	LT	light	SPEC	specification
DTL	detail	MA	match	SQ	square
DWG	drawing	MATL	material	SST	stainless steel
E	east	MAX	maximum	STD	standard
EA	each	MFR	manufacture (r) (d)	STL	steel
EJ	expansion joint	MH	manhole	STR	structural
EL	elevation	MIN	minimum	T	tread
ELEC	electric (al)	MISC	miscellaneous	T.O.	top of
EQ	equal	MMB	membrane	TOC	top of concrete
EXG	existing	MTL	metal	TOS	top of steel
EXP	exposed	N	north	TOW	top of wall
EXT	exterior	N/A	not applicable	TYP	typical
FBO	furnished by owner	NIC	not in contract	UNO	unless noted otherwise
FDN	foundation	NOM	nominal	VERT	vertical
FO	face of	NTS	not to scale	VIF	verify in field
FT	foot (feet)	NECY	necessary	W	west, wide, width
FTG	footing	OC	on center (s)	W/	with
FV	field verify	OD	outside diameter	W/O	without
		OPP	opposite	WP	waterproof (ing)
				WWM	welded wire mesh

### SYMBOLS

	REVISION
	COLUMN GRID LOCATION
	CENTER LINE
	LINE OF WALL ABOVE OR HIDDEN LINE
	BREAK LINE
	MATCH LINE
	REFERENCED SECTION NUMBER SHEET NUMBER
	REFERENCED DETAIL NUMBER SHEET NUMBER
	ANGLE
	DIAMETER
	PERPENDICULAR
	PLATE
	PLUS OR MINUS

### CODE INFO

**CODES IN USE**  
2012 INTERNATIONAL BUILDING CODE  
2009 ANSI ACCESSIBILITY STANDARDS ICC A117.1  
2010 AMERICANS WITH DISABILITIES ACT GUIDELINES

**EXITING**  
THERE ARE 5 EXISTING STAIRS FOR EXITING TO THE NORTH OF THE GRANDSTANDS SEATING. THERE IS ONE EXISTING STAIRWAY ON THE EAST SIDE, AND ONE STAIRWAY INSIDE THE BUILDING.

**UPPER RAMP / STAIR:**  
THE EXISTING RAMP BEING DEMOLISHED IS 3'-8" WIDE. THE NEW RAMP AND STAIR ARE BOTH 4'-8" SO THE EGRESS CAPACITY WILL BE INCREASED BY 12" x 0.3 = 40 PEOPLE.

**LOWER RAMP / STAIR:**  
THE NEW LOWER RAMP IS 4'-8", EQUAL TO THE UPPER RAMP. THEREFORE, THE NEW LOWER STAIRS MUST ONLY ACCOMMODATE EGRESS CAPACITY EQUAL TO THE TWO DOUBLE DOORS JUST NORTH OF THEM.  
(4) DOORS @ 32" = 128" / 0.2 = 640 PEOPLE.  
NEW STAIRS ARE 17" BETWEEN HANDRAILS. ALL AREAS WITHIN 30" OF A RAILING. 17" x 12 = 204 / .3 = 680 PEOPLE

**ACCESSIBILITY**  
THE EXISTING RAMP BEING DEMOLISHED, DOES NOT MEET ACCESSIBILITY REQUIREMENTS. NEW RAMPS STAIRS, AND WALKS WILL MEET CURRENT ADA AND ANSI STANDARDS FOR ACCESSIBILITY

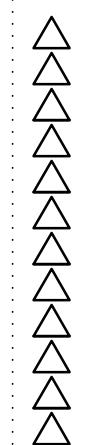
GUARDRAILS ARE NOT REQUIRED SINCE ALL NEW WALKING SURFACES WILL BE LESS THAN 30" ABOVE THE ADJACENT GRADE WITHIN 36" HORIZONTALLY.

## MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY

GRAND JUNCTION, COLORADO

### COVER SHEET

NO: ISSUED FOR: DATE:



CONSTRUCTION DOCUMENTS

DRAWN BY: ENM CHECKED BY: DG

DATE: 2/12/16 SHEET NO:

PROJECT NO: 1555 **G001**



Not Applicable

DIVISION 11 -  
DIVISION 12 -  
DIVISION 13 -  
DIVISION 14 -  
DIVISION 15 -  
DIVISION 16 -  
DIVISION 17 -  
DIVISION 18 -  
DIVISION 19 -  
DIVISION 20 -  
DIVISION 21 -  
DIVISION 22 -  
DIVISION 23 -  
DIVISION 24 -  
DIVISION 25 -  
DIVISION 26 -  
DIVISION 27 -  
DIVISION 28 -  
DIVISION 29 -  
DIVISION 30 -

DIVISION 31 - EARTHWORK

31.1 EARTH MOVING

A. Soil Materials

1. Subbase Material: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940/D 2940M; with at least 90 percent passing a 1-1/2-inch (37.5-mm) sieve and not more than 12 percent passing a No. 200 (0.075-mm) sieve.
  2. Base Course: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940/D 2940M 0; with at least 95 percent passing a 1-1/2-inch (37.5-mm) sieve and not more than 8 percent passing a No. 200 (0.075-mm) sieve.
  3. Engineered Fill: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940/D 2940M; with at least 90 percent passing a 1-1/2-inch (37.5-mm) sieve and not more than 12 percent passing a No. 200 (0.075-mm) sieve.
  4. Bedding Course: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940/D 2940M; except with 100 percent passing a 1-inch (25-mm) sieve and not more than 8 percent passing a No. 200 (0.075-mm) sieve.
  5. Drainage Course: Narrowly graded mixture of [washed] crushed stone, or crushed or uncrushed gravel; ASTM D 448; coarse-aggregate grading Size 57; with 100 percent passing a 1-1/2-inch (37.5-mm) sieve and zero to 5 percent passing a No. 8 (2.36-mm) sieve.
- B. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earth-moving operations.
- C. Excavations for Footings and Foundations: Do not disturb bottom of excavation. Excavate by hand to final grade just before placing concrete reinforcement. Trim bottoms to required lines and grades to leave solid base to receive other work.
- D. Excavate surfaces under walks and pavements to indicated lines, cross sections, elevations, and subgrades.
- E. Place and compact fill material in layers to required elevations as follows:
1. Under grass and planted areas, use satisfactory soil material.
  2. Under walks and pavements, use satisfactory soil material.
  3. Under steps and ramps, use engineered fill.
  4. Under footings and foundations, use engineered fill.
- F. Place backfill and fill soil materials in layers not more than 8 inches (200 mm) in loose depth for material compacted by heavy compaction equipment and not more than 4 inches (100 mm) in loose depth for material compacted by hand-operated tampers.
- G. Under structures, building slabs, steps, and pavements, scarify and recompact top 12 inches (300 mm) of existing subgrade and each layer of backfill or fill soil material at 95 percent.
- H. Under walkways, scarify and recompact top 6 inches (150 mm) below subgrade and compact each layer of backfill or fill soil material at 92 percent.
- I. Under turf or unpaved areas, scarify and recompact top 6 inches (150 mm) below subgrade and compact each layer of backfill or fill soil material at 85 percent.
- J. Uniformly grade areas to a smooth surface, free of irregular surface changes. Comply with compaction requirements and grade to cross sections, lines, and elevations indicated.

DIVISION 32 - EXTERIOR IMPROVEMENTS

32.1 ASPHALT PAVING

- A. Hot-Mix Asphaltic (HMA) pavement shall conform to CDOT grade SX or S specifications and consist of an approved 75 gradation Superpave method mix design.
- B. HMA pavement should be compacted to between 92% and 96% of the maximum theoretical density. An end point stress of 50 psi should be used.
- C. Pavement should conform to local specifications.

32.2 LANDSCAPE PLANTING

A. TOPSOIL

1. Topsoil will be stockpiled material taken from top 1 foot (1') or to a depth where material is free of rocks larger than 1 inch; grade material and remove roots, debris, large weeds and foreign matter. Material is to be taken from areas designated for excavation during overlot grading operations.
2. Soil Mixes: Soil mix for planting holes shall be one part soil amendment, two parts topsoil.
3. Plant Backfill: For backfill at trees and shrubs, use excavated material amended with coarse sand at 10% volume to promote free drainage. Excavated material is that on-site material excavated from planting pits which is free from wood, rocks or stones having a dimension greater than one (1) inch and free of other foreign or deleterious materials.

4. Soil Amendment: 50% ground peat, ground well-aged cow or chicken manure, or ground sheep manure and peat, and 50% decomposed wood fiber, nitrogen stabilized, with a proven analysis to verify organic content, PH, electro-conductivity, nitrogen, potassium, and phosphorus content. A sample of the material will be supplied to the Architect with an analysis.
- B. Polyacrylamide Soil Amendment: shall be "Hydrosource" as manufactured by Castle International Resources, 2370 West Highway 89A #11-300, Sedona, Arizona, (623)980-4268 or equal if approved by Architect prior to bidding. Material shall have the following characteristics:
1. Proven 95% effective after 5 years in stable soil.
  2. Ability to absorb 400 times its density in deionized water.
  3. Granule size shall be limited to 500-1500 micron range, significant quantities of material of fine texture (less than 500 microns) shall be reasonable basis for rejection.
- C. Mineral Mulch: Tan gravel fines to match other landscape beds at the Fairgrounds.
1. Size Range: 3/4 inch (19 mm) maximum, 1/4 inch (6.4 mm) minimum.
- D. Weed Control Fabric: Nonwoven Geotextile Filter Fabric: Polypropylene or polyester fabric, 3 oz./sq. yd. (101g/sq. m) minimum, composed of fibers formed into a stable network so that fibers retain their relative position. Fabric shall be inert to biological degradation and resist naturally encountered chemicals, alkalis, and acids.
- E. Install weed-control barriers before mulching according to manufacturer's written instructions. Completely cover area to be mulched, overlapping edges a minimum of 6 inches (150 mm) and secure seams with galvanized pins.
- F. Mineral Mulch in Planting Areas: Apply 3-inch (75-mm) average thickness of mulch over whole surface of planting area, and finish level with adjacent finish grades.
- G. Coordinate landscape work with Owner provided and installed plants and irrigation.

DIVISION 33 - UTILITIES

33.1 STORM UTILITY DRAINAGE PIPING

- A. Corrugated PE Drainage Pipe and Fittings NPS 3 to NPS 10 (DN 80 to DN 250); AASHTO M 252M, Type S, with smooth waterway for coupling joints.

1. Silttight Couplings: PE sleeve with ASTM D 1056, Type 2, Class A, Grade 2 gasket material that mates with tube and fittings.

B. Plastic Drainage Systems

1. Channel Sections: Interlocking-joint, PE modular units, 4 inches (102 mm) wide, with end caps. Include rounded bottom, with level invert and with outlets in quantities, sizes, and locations indicated.
2. Grates: PE, ladder shaped; with stainless-steel screws.
3. Drains: 8-inch- (203-mm-) square, slotted top; with NPS 6 (DN 150) bottom outlet.
4. Catch Basins: 12-inch- (305-mm-) square plastic body, with outlets in quantities and sizes indicated. Include PE slotted grate 11-3/4 inches (298 mm) square by 1-1/8 inches (28.6 mm) thick.

- C. General Locations and Arrangements: Drawing plans and details indicate general location and arrangement of underground storm drainage piping. Location and arrangement of piping layout take into account design considerations. Install piping as indicated, to extent practical. Where specific installation is not indicated, follow piping manufacturer's written instructions.

- D. Install piping beginning at low point, true to grades and alignment indicated with unbroken continuity of invert. Place bell ends of piping facing upstream. Install gaskets, seals, sleeves, and couplings according to manufacturer's written instructions for use of lubricants, cements, and other installation requirements.

- E. Install PE corrugated sewer piping according to ASTM D 2321.

F. DRAIN INSTALLATION

1. Use Medium-Duty, top-loading classification drains in paved foot-traffic.
2. Embed drains in 4-inch (102-mm) minimum concrete around bottom and sides.
3. Fasten grates to drains if indicated.
4. Set drain frames and covers with tops flush with pavement surface.
5. Assemble trench sections with flanged joints.
6. Embed trench sections in 4-inch (102-mm) minimum concrete around bottom and sides.

33.2 SUBDRAINAGE

- A. Perforated PE Pipe and Fittings: ASTM F 405 or AASHTO M 252, Type CP; corrugated, for coupled joints.

- B. Install piping beginning at low points of system, true to grades and alignment indicated, with unbroken continuity of invert. Bed piping with full bearing in filtering material. Install gaskets, seals, sleeves, and couplings according to manufacturer's written instructions and other requirements indicated.

1. Retaining-Wall Subdrainage: When water discharges at end of wall into stormwater piping system, install piping level and with a minimum cover of 36 inches (915 mm) unless otherwise indicated.
  2. Lay perforated pipe with perforations down.
  3. Excavate recesses in trench bottom for bell ends of pipe. Lay pipe with bells facing upslope and with spigot end entered fully into adjacent bell.
- C. Install thermoplastic piping according to ASTM D 2321.
- D. Join perforated PE pipe and fittings with couplings according to ASTM D 3212 with loose banded, coupled, or push-on joints.

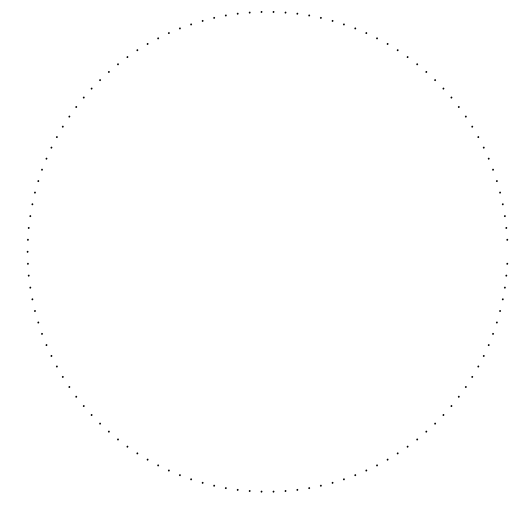
END OF PROJECT SPECIFICATIONS

CHAMBERLIN ARCHITECTS

437 Main St.  
Grand Junction, Colorado 81501  
T 970.242.6804

725 Saint Joseph St., Suite B1  
Rapid City, South Dakota 57701  
T 605.355.6804

www.chamberlinarchitects.com



MESA COUNTY  
FAIRGROUNDS -  
GRANDSTANDS  
RAMP  
ACCESSIBILITY

GRAND JUNCTION, COLORADO

ARCHITECTURAL  
SPECIFICATIONS

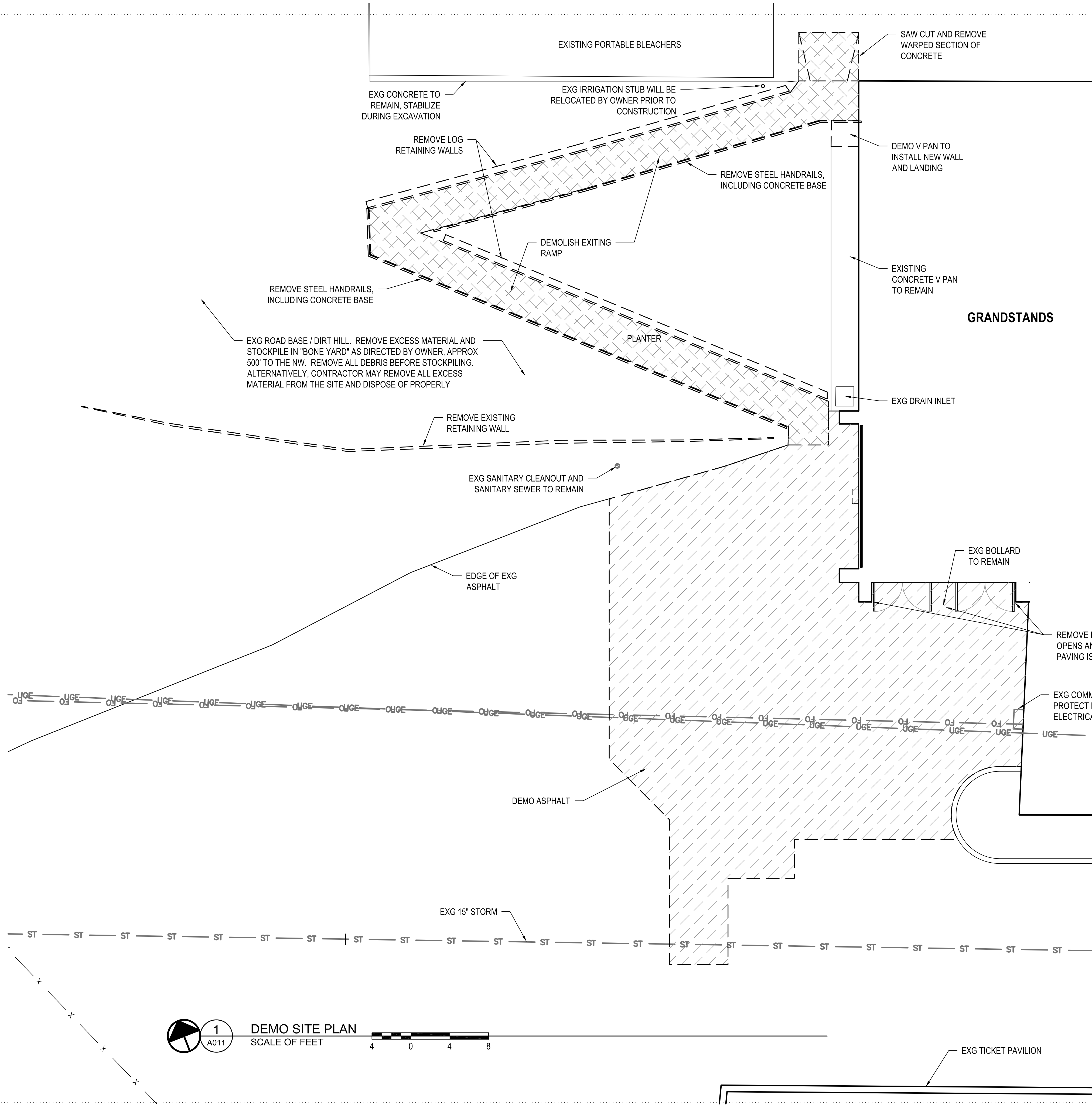
NO:	ISSUED FOR:	DATE:
△		
△		
△		
△		
△		
△		
△		
△		
△		
△		
△		

CONSTRUCTION DOCUMENTS

DRAWN BY: ENM CHECKED BY: DG

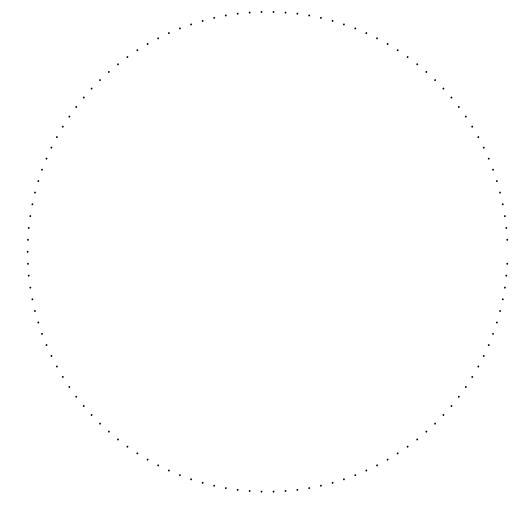
DATE:  
**2/12/16** SHEET NO:

PROJECT NO:  
**1555** **A002**



**GENERAL DEMOLITION NOTES**

1. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE PROJECT CONDITIONS. RECORD AND REPORT ALL DEVIATIONS TO THE ARCHITECT AS SOON AS POSSIBLE.
2. DO NOT DEMOLISH STRUCTURAL ELEMENTS OR EXCAVATE IN A MANNER THAT UNDERMINES A STRUCTURAL ELEMENT WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER AND ARCHITECT. PROVIDE TEMPORARY SHORING AND BRACING AS NEEDED TO MAINTAIN STRUCTURAL INTEGRITY.
3. REMOVE LOOSE OR CRACKED MATERIAL AT AREAS ADJACENT TO INDICATED DEMOLITION IF DAMAGED BY DEMOLITION OPERATIONS. PATCH AREAS WITH MATCHING MATERIAL AND WORKMANSHIP.
4. ITEMS NOT NOTED FOR DEMOLITION ARE TO BE PROTECTED FROM DAMAGE AND PREPARED TO RECEIVE NEW WORK. SURFACES TO REMAIN THAT ARE DAMAGED DURING THE PERFORMANCE OF REQUIRED DEMOLITION SHALL BE PATCHED TO MATCH ADJACENT EXISTING TO REMAIN SURFACES UNLESS NOTED OTHERWISE.



**MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY**

GRAND JUNCTION, COLORADO

**DEMO SITE PLAN**

NO:	ISSUED FOR:	DATE:
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		

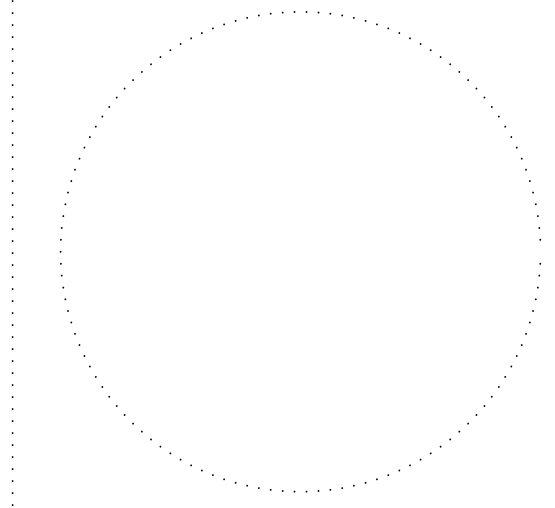
CONSTRUCTION DOCUMENTS

DRAWN BY: ENM	CHECKED BY: DG
DATE: 2/12/16	SHEET NO: A011
PROJECT NO: 1555	



9/27/10/07/EROM R16 S1000-CPN NEW PROJECTS/WORKING DRAWINGS/ARCHA10-FIRST FLOOR PLANDING/AREES - JBSEVA/MSK/DWG

©2016 CHAMBERLIN ARCHITECTS

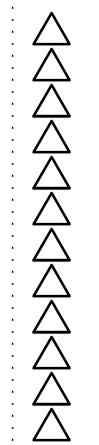


**MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY**

GRAND JUNCTION, COLORADO

**SITE PLAN**

NO: ISSUED FOR: DATE:

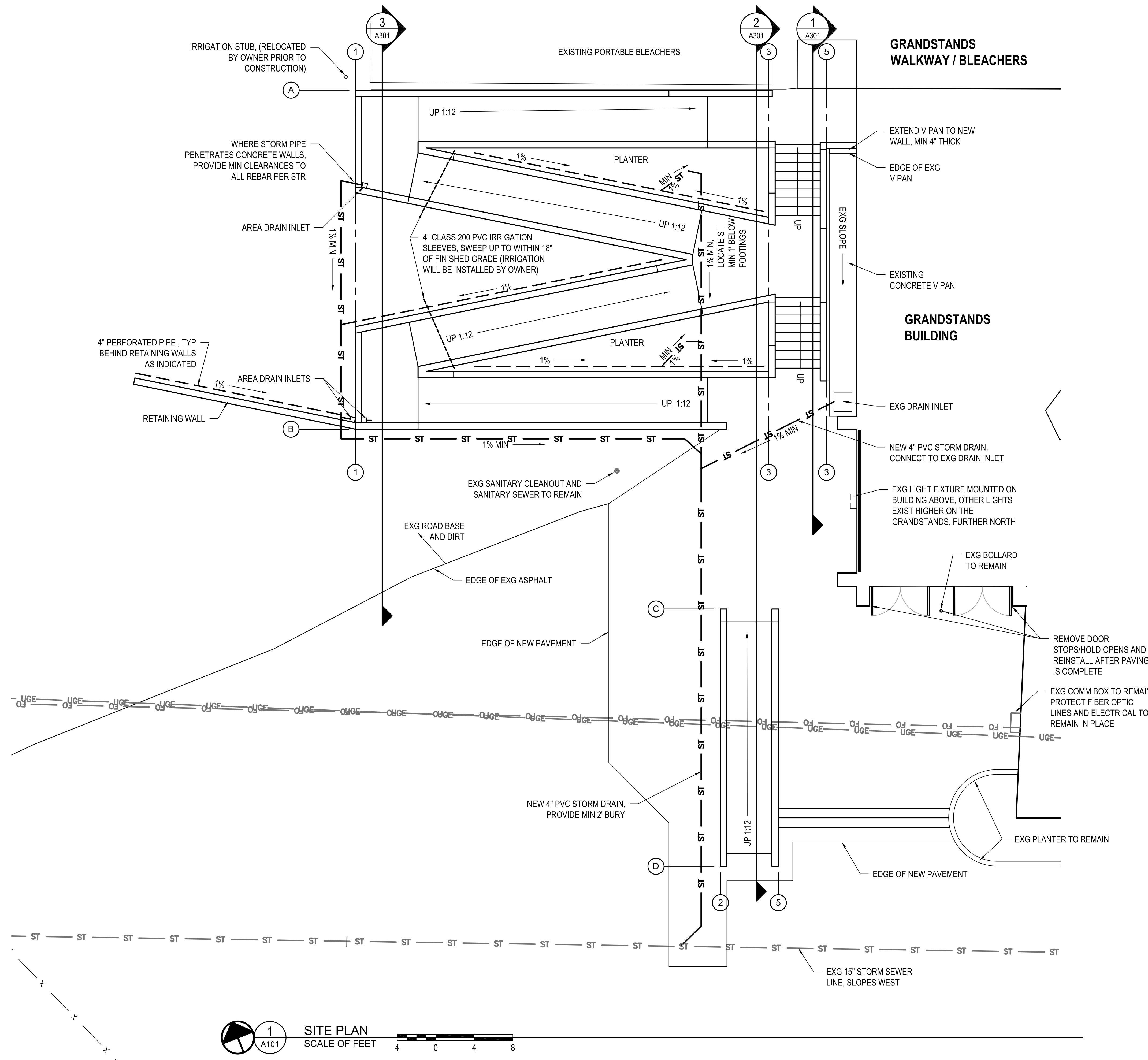


**CONSTRUCTION DOCUMENTS**

DRAWN BY: ENM CHECKED BY: DG

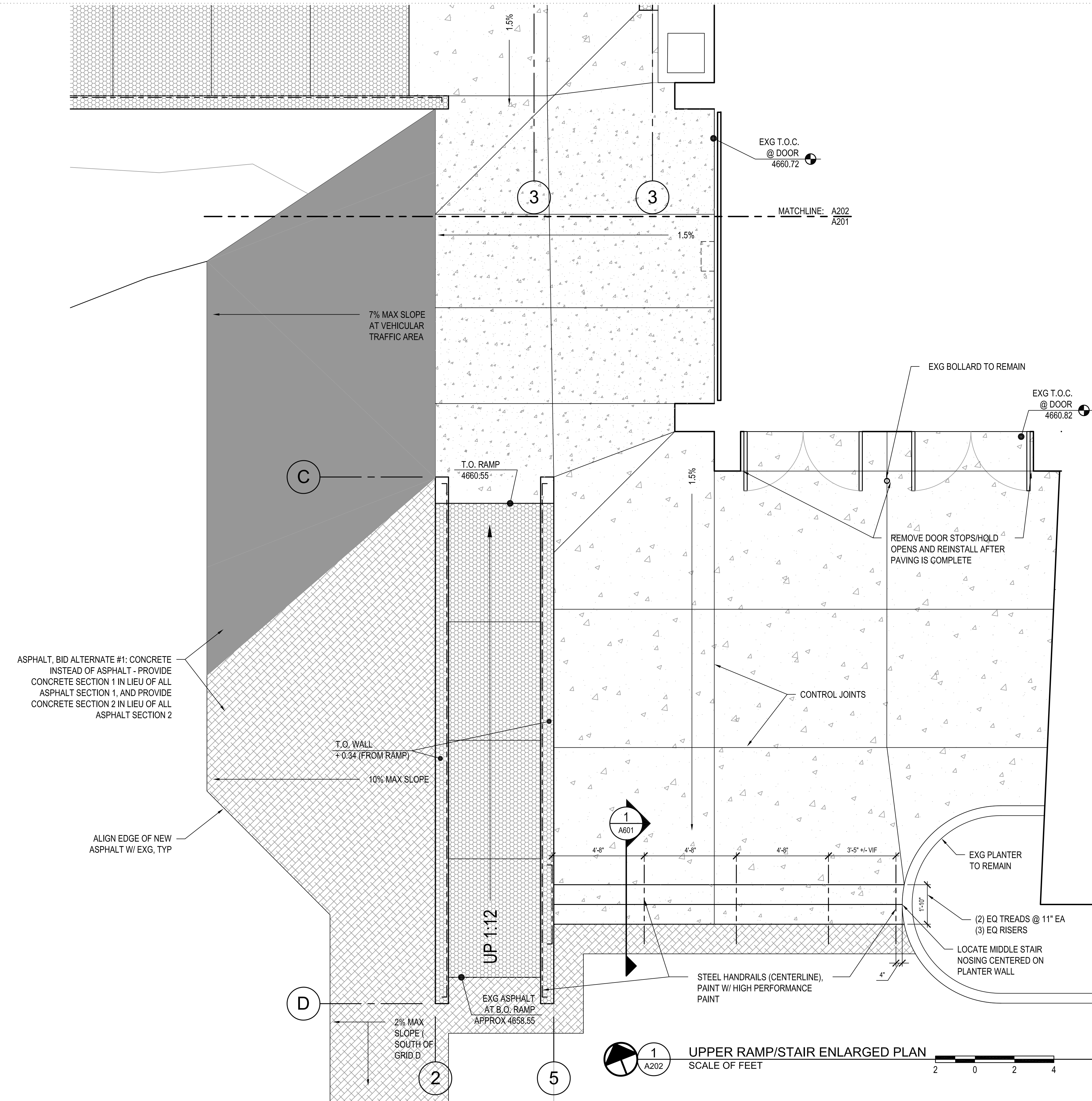
DATE: 2/12/16 SHEET NO:

PROJECT NO: 1555 **A101**



9/27/07 09:07:00 AM R:\16 S\1006 FOR NEW PROJECTS\WORKING DRAWINGS\ARCH\10-FIRST FLOOR PLAN\DWG AREES - JBAS\A101.DWG





- SYMBOLS**
- EXG T.O.C. 4670.74
  - T.O. STAIR 4670.66
  - T.O. WALL + 0.34
- EXG ELEVATION (IN FEET) BASED ON SURVEY PROVIDED BY OTHERS. VERIFY IN FIELD PRIOR TO BEGINNING LAYOUT. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- PROPOSED ELEVATION (IN FEET); NOTE THAT ALL PROPOSED ELEVATIONS ARE RELATIVE TO THE EXG ELEVATIONS SHOWN, VERIFY IN FIELD
- PROPOSED ELEVATION MEASURED RELATIVE TO ADJACENT CONCRETE RAMP OR LANDING SURFACE (IN FEET).

- LEGEND**
- HATCH INDICATES FLAT AREAS OF CONCRETE WALLS OR LANDINGS: 2% MAX SLOPE IN ANY DIRECTION. RE STR FOR REQUIREMENTS AT RAMP / STAIRS, OTHERWISE PROVIDE THE FOLLOWING CONCRETE SECTION 1:
    - 5" CONCRETE PAVEMENT WITH #4 BARS AT 18" OC EA WAY, OVER
    - 6" CDOT CLASS VI BASE COURSE
    - 12" SUBGRADE, SEE PAVEMENT NOTES
  - HATCH INDICATES FLAT AREAS OF CONCRETE WALLS OR LANDINGS: 2% MAX SLOPE IN ANY DIRECTION. DENSER HATCH INDICATES CONCRETE WITH TRUCK TRAFFIC, PROVIDE THE FOLLOWING CONCRETE SECTION 2:
    - 8" CONCRETE PAVEMENT WITH #4 BARS AT 18" OC EA WAY, OVER
    - 6" CDOT CLASS VI BASE COURSE
    - 12" SUBGRADE, SEE PAVEMENT NOTES
  - HATCH INDICATES SLOPED AREAS OF CONCRETE WALLS OR RAMP. RE STR FOR REQUIREMENTS
  - ASPHALT SECTION 1:
    - 4" ASPHALT PAVEMENT
    - 10" CDOT CLASS VI BASE COURSE
    - 12" SUBGRADE, SEE PAVEMENT NOTES
  - ASPHALT SECTION 2, (TRUCK TRAFFIC):
    - 5" ASPHALT PAVEMENT
    - 11" CDOT CLASS VI BASE COURSE
    - 12" SUBGRADE, SEE PAVEMENT NOTES
  - PLANTER AREA. PROVIDE SOIL AMENDMENT AND 3" OF ROCK MULCH OVER WEED FABRIC. PLANTINGS AND DRIP IRRIGATION BY OWNER.

**PAVEMENT NOTES** - FOR CONCRETE SECTIONS 1 & 2 AND ASPHALT SECTIONS 1 & 2. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS AT OTHER AREAS.

PRIOR TO PLACEMENT OF ALL PAVEMENT SECTIONS, STRIP AREAS TO BE PAVED OF TOPSOIL, FILL OR OTHER UNSUITABLE MATERIALS. SCARIFY TO A DEPTH OF 12 INCHES; MOISTURE CONDITION, AND RECOMPACT TO A MINIMUM OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY, WITHIN +/- 2% OF OPTIMUM MOISTURE CONTENT AS DETERMINED BY AASHTO T-99.

AGGREGATE BASE COURSE AND SUBBASE COURSES SHALL BE PLACED IN MAXIMUM 9 INCH LOOSE LIFTS, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM OF 95% AND 93% OF MAXIMUM DRY DENSITY, RESPECTIVELY, AT -2% TO +3% OF OPTIMUM MOISTURE CONTENT AS DETERMINED BY AASHTO T-180. IN ADDITION TO DENSITY TESTING, BASE COURSE SHALL BE PROOFROLLED TO VERIFY SUBGRADE STABILITY.

ALL HOT-MIX ASPHALT PAVEMENT SHALL CONFORM TO CDOT GRADING SX OR S SPECIFICATIONS AND SHALL CONSIST OF AN APPROVED 75 GYRATION SUPERPAVE METHOD MIX DESIGN. HMA PAVEMENT SHALL BE COMPACTED TO BETWEEN 9% AND 96% OF THE MAXIMUM THEORETICAL DENSITY. AN END POINT STRESS OF 50 PSI SHALL BE USED. ASPHALT PAVEMENTS SHALL ALSO CONFORM TO ALL LOCAL SPECIFICATIONS.

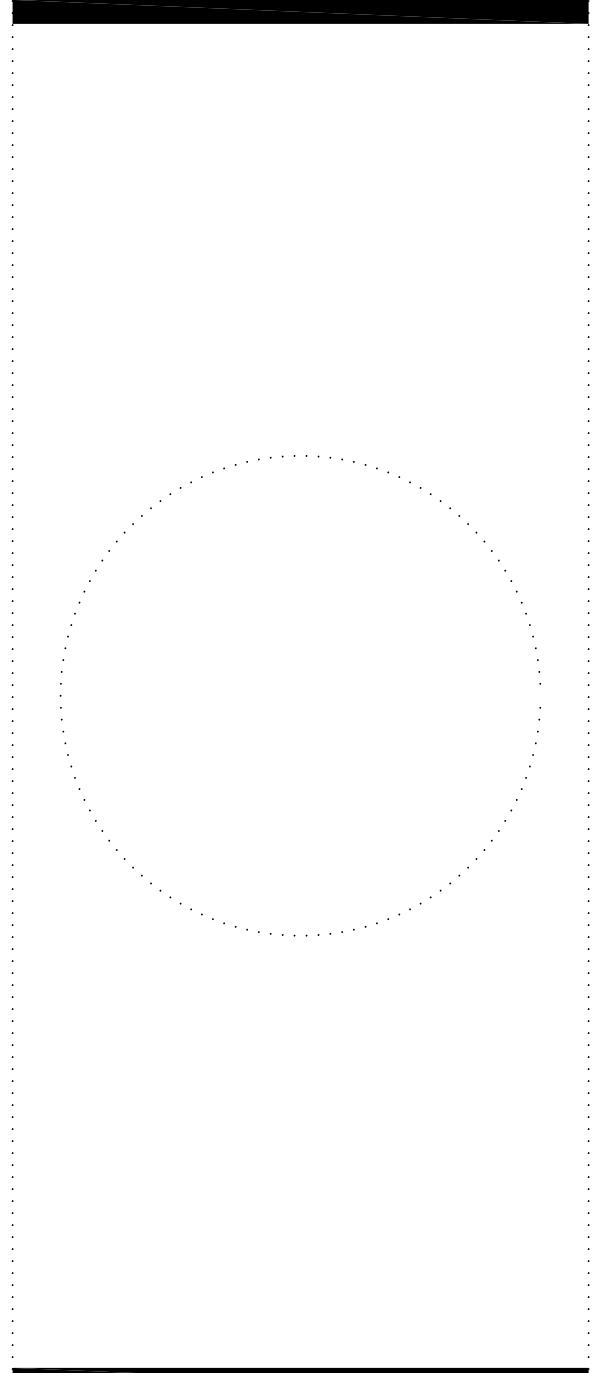
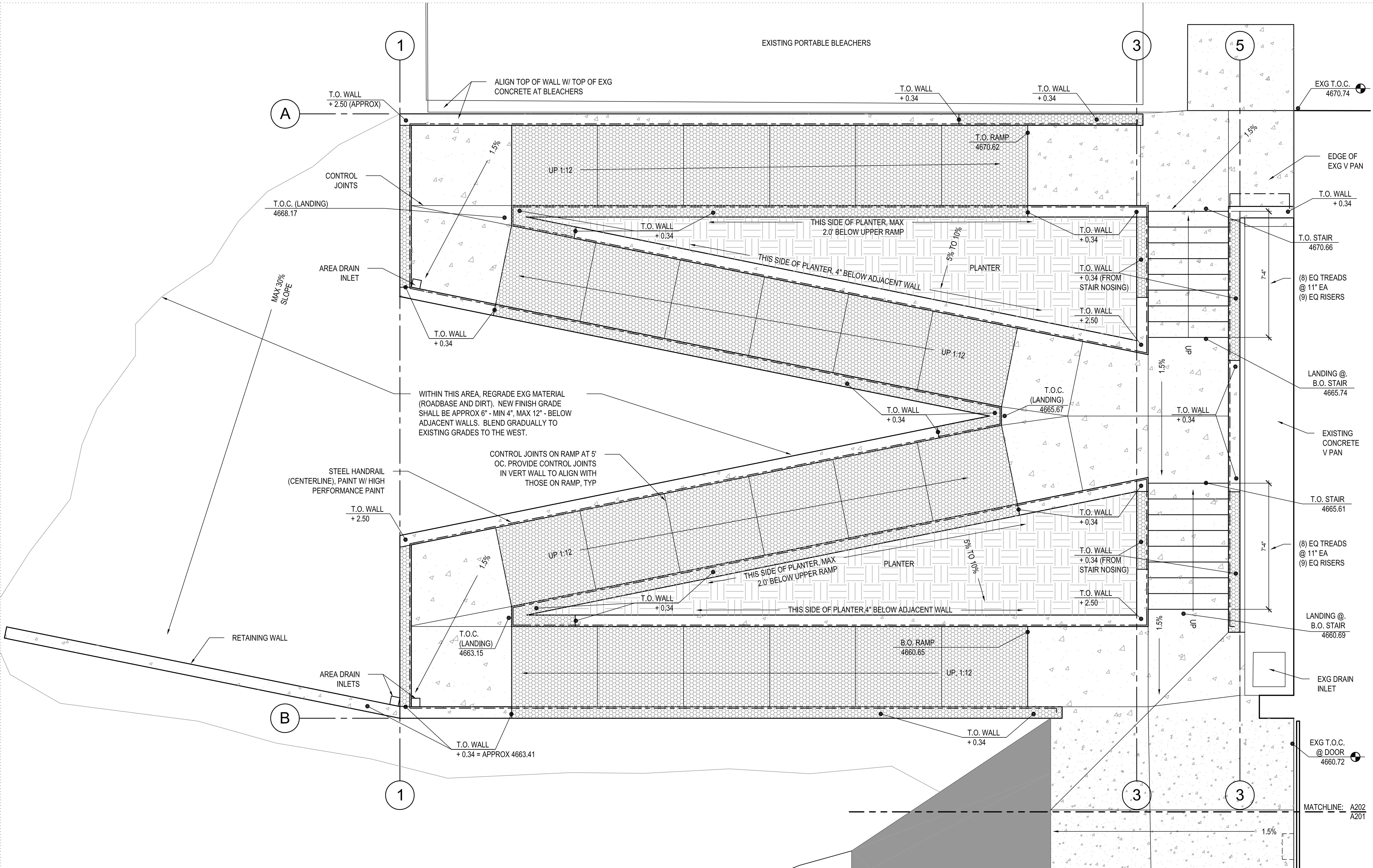
**MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY**  
GRAND JUNCTION, COLORADO  
**LOWER RAMP/STAIR ENLARGED PLAN**

NO: \_\_\_\_\_ ISSUED FOR: \_\_\_\_\_ DATE: \_\_\_\_\_

▲  
▲  
▲  
▲  
▲  
▲  
▲  
▲  
▲  
▲

CONSTRUCTION DOCUMENTS  
DRAWN BY: ENM CHECKED BY: DG  
DATE: 2/12/16 SHEET NO: \_\_\_\_\_  
PROJECT NO: 1555 **A201**

9/27/07 09:07:EROM R16 S:\000\NEW PROJECTS\WORKING DRAWINGS\ARCH\10-FIRST FLOOR PLANDING\AREAS - UNSEALED.DWG



**MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY**  
GRAND JUNCTION, COLORADO

**UPPER RAMP/STAIR ENLARGED PLAN**

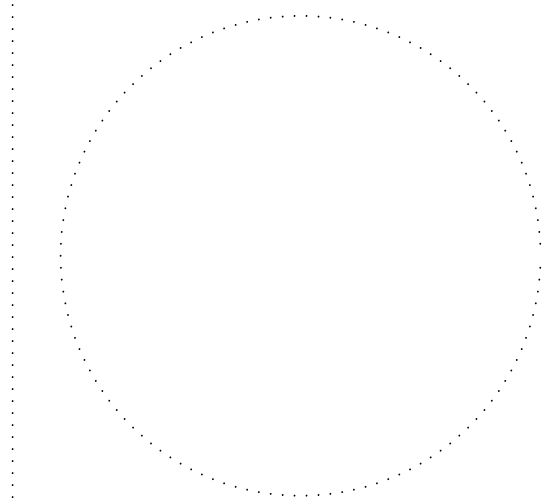
NO.	ISSUED FOR:	DATE:
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

CONSTRUCTION DOCUMENTS  
DRAWN BY: ENM CHECKED BY: DG  
DATE: 2/12/16 SHEET NO: A202  
PROJECT NO: 1555

**1** UPPER RAMP/STAIR ENLARGED PLAN  
SCALE OF FEET  
SEE SYMBOLS AND LEGEND ON SHEET A201

9/27/07 08:07:00 ERICM R16 S:\000-CPN NEW PROJECTS\WORKING DRAWINGS\ARCH\10-FIRST FLOOR PLAN\DWG AREES - JBASE\MASKING.DWG

©2016 CHAMBERLIN ARCHITECTS

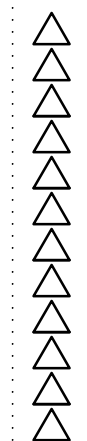


**MESA COUNTY  
FAIRGROUNDS -  
GRANDSTANDS  
RAMP  
ACCESSIBILITY**

GRAND JUNCTION, COLORADO

**SITE SECTIONS**

NO: ISSUED FOR: DATE:



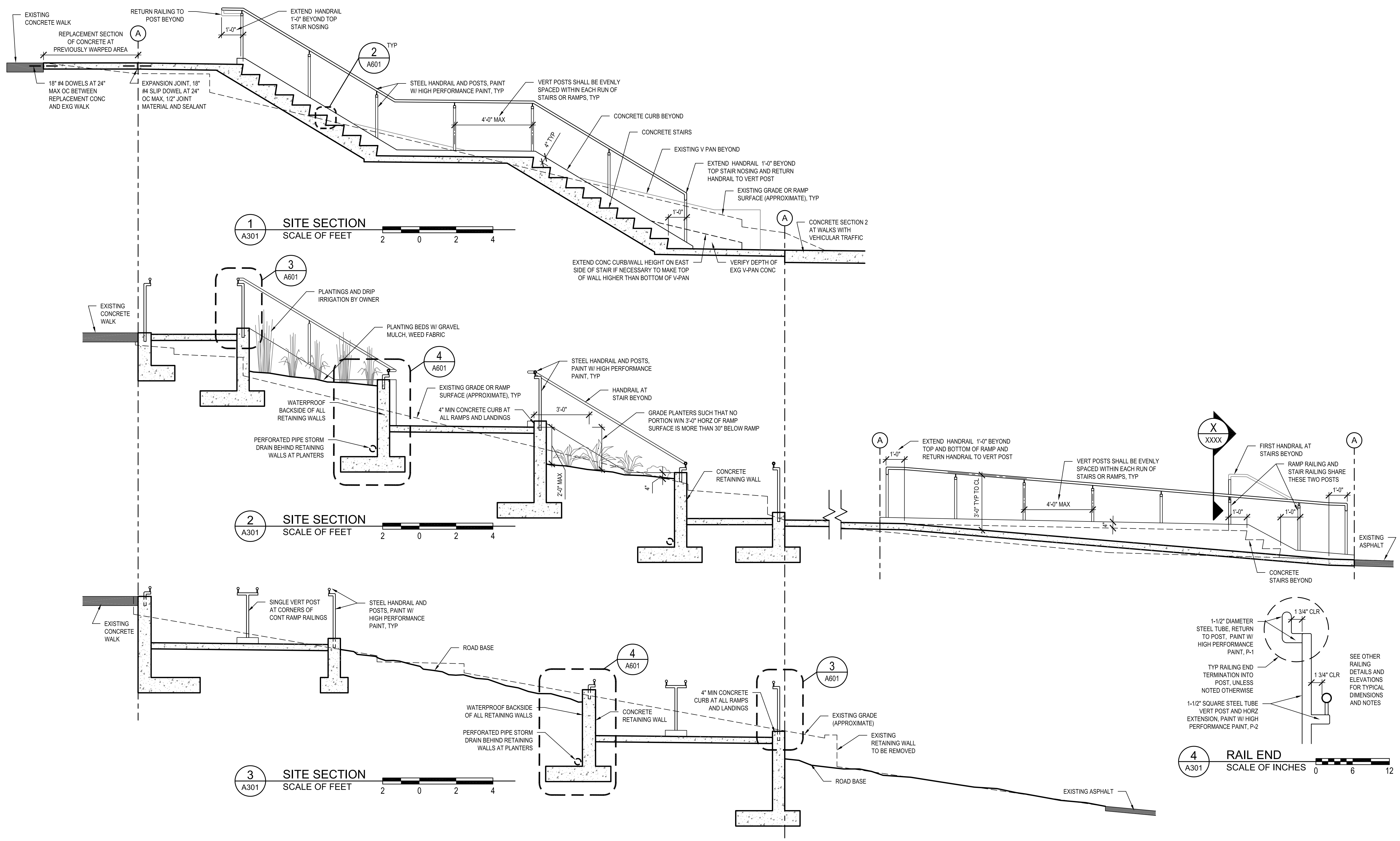
CONSTRUCTION DOCUMENTS

DRAWN BY: ENM CHECKED BY: DG

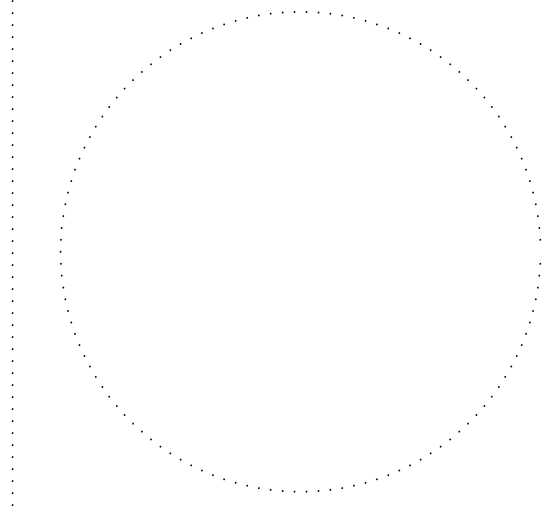
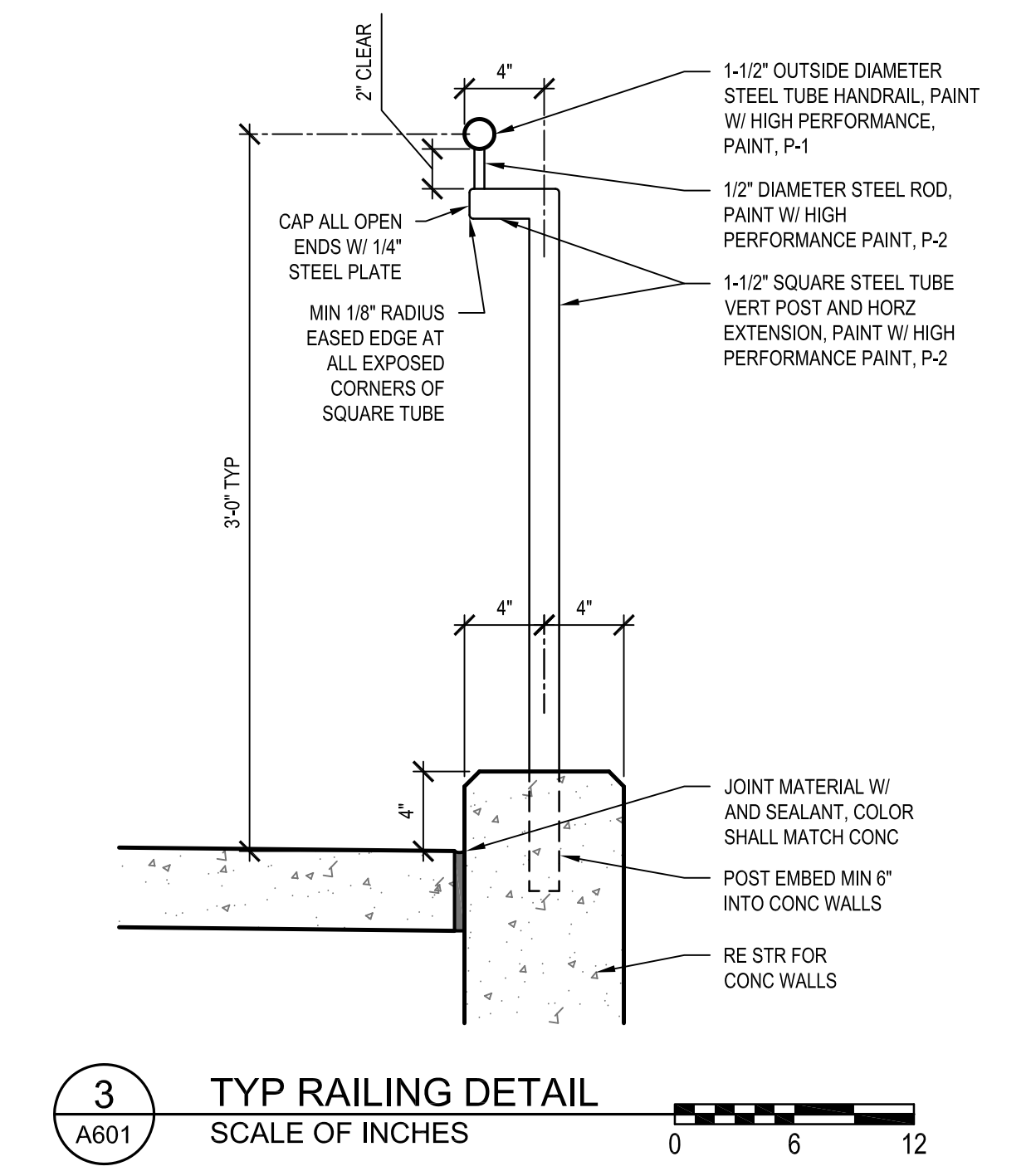
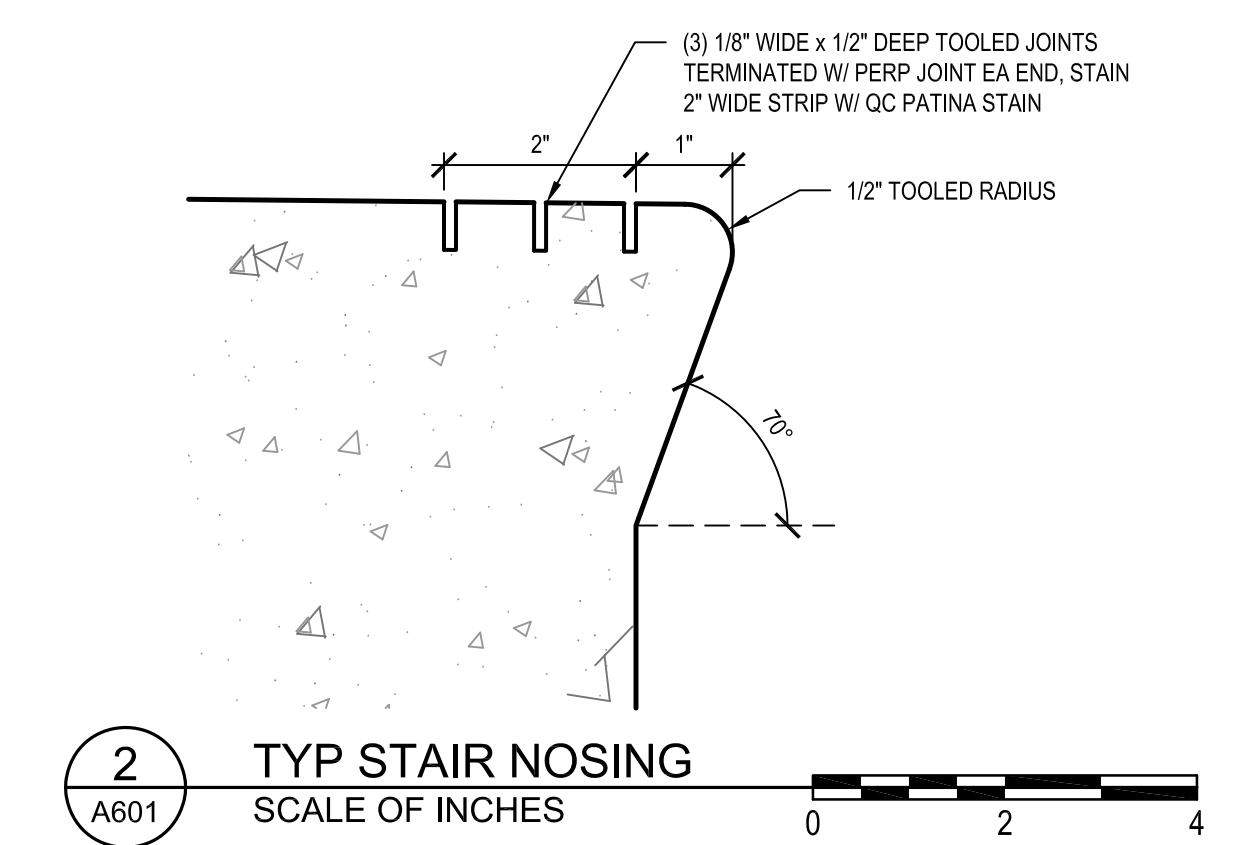
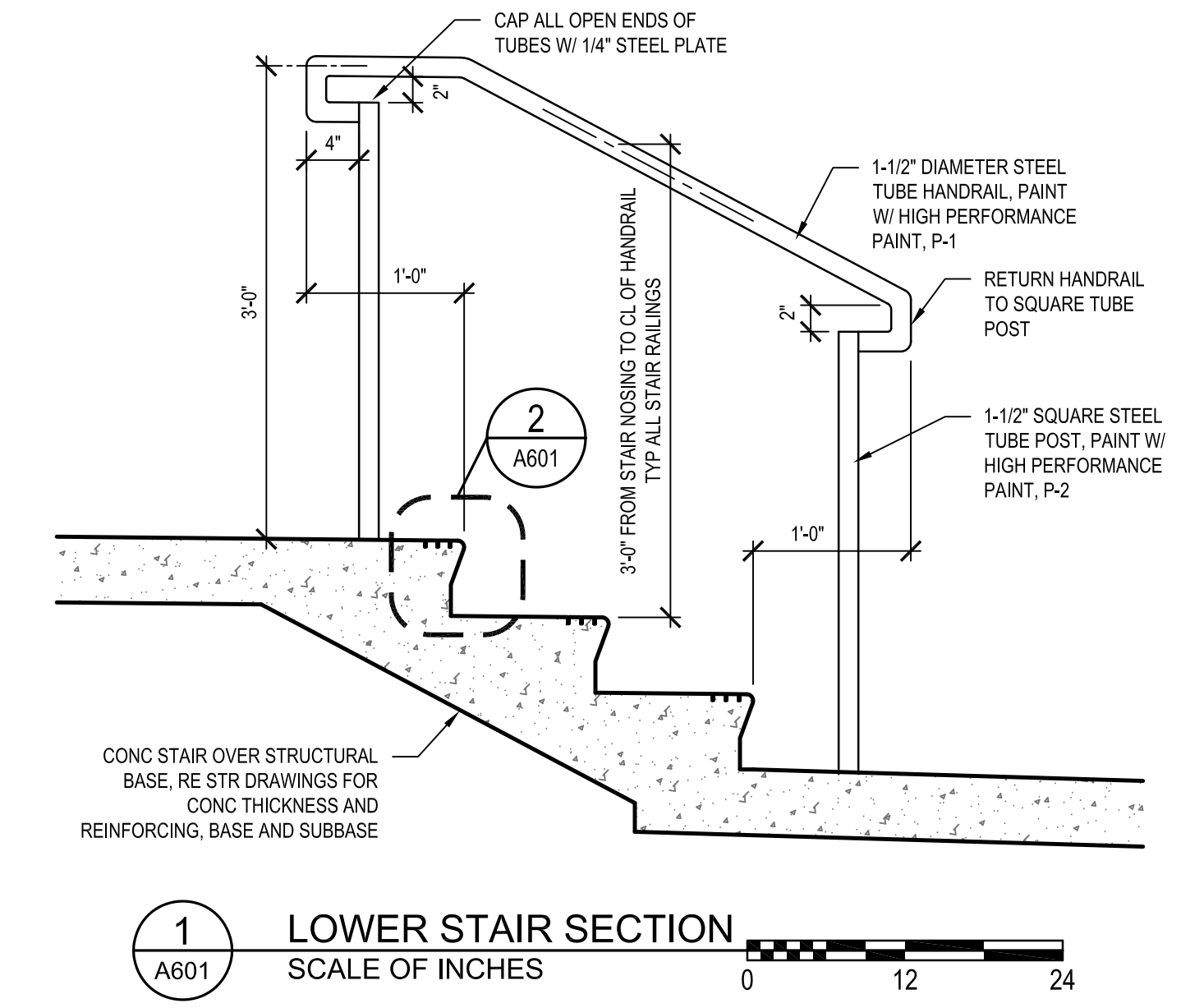
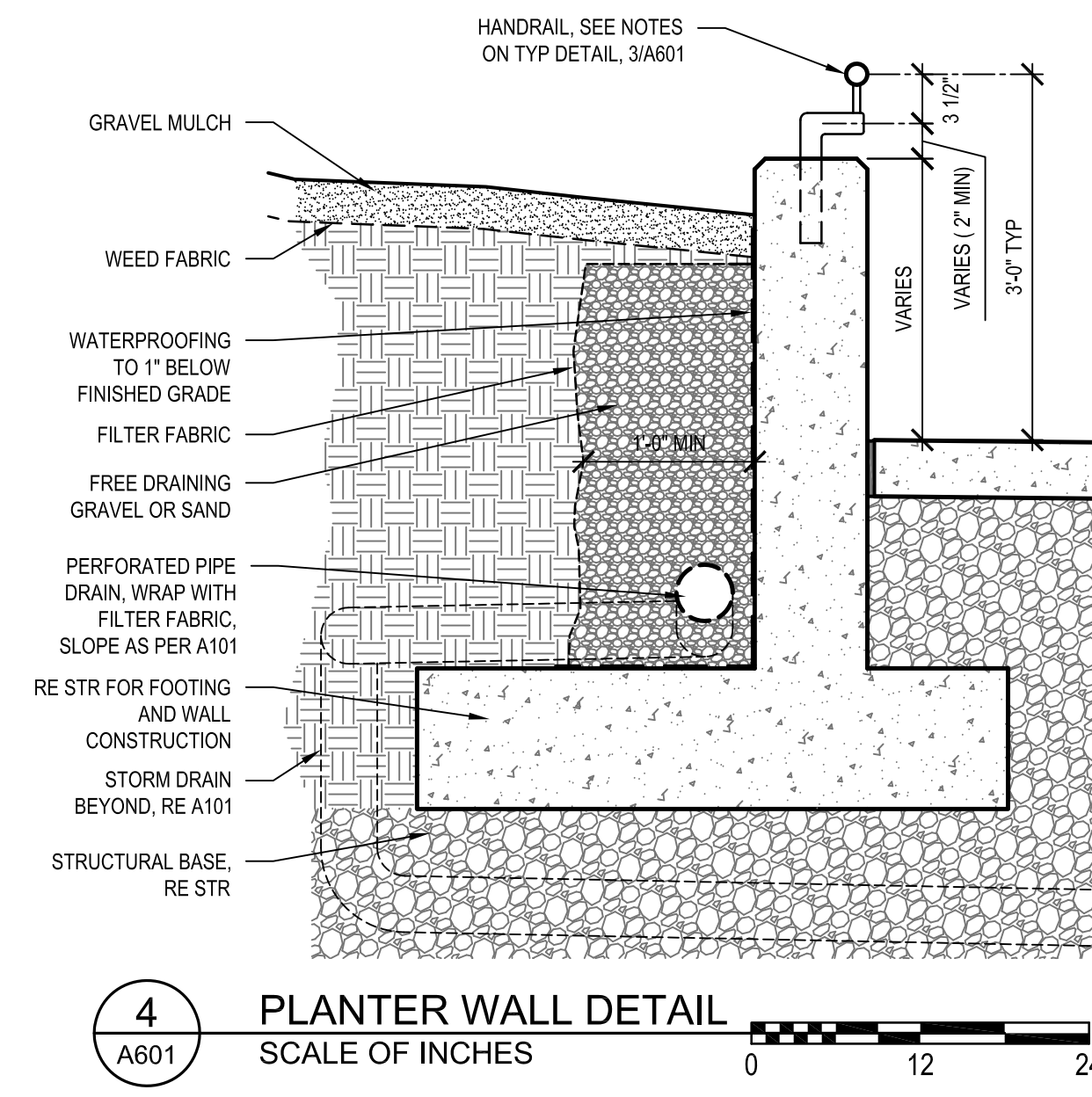
DATE:  
**2/12/16** SHEET NO:

PROJECT NO:  
**1555**

**A301**



9/27/07 09:07:EROM R16 S1006 FOR NEW PROJECTS WORKING DRAWINGS ARCH 101 - FIRST FLOOR PLANNING AREAS - JBASEMAN/SKIDING



**MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY**  
 GRAND JUNCTION, COLORADO

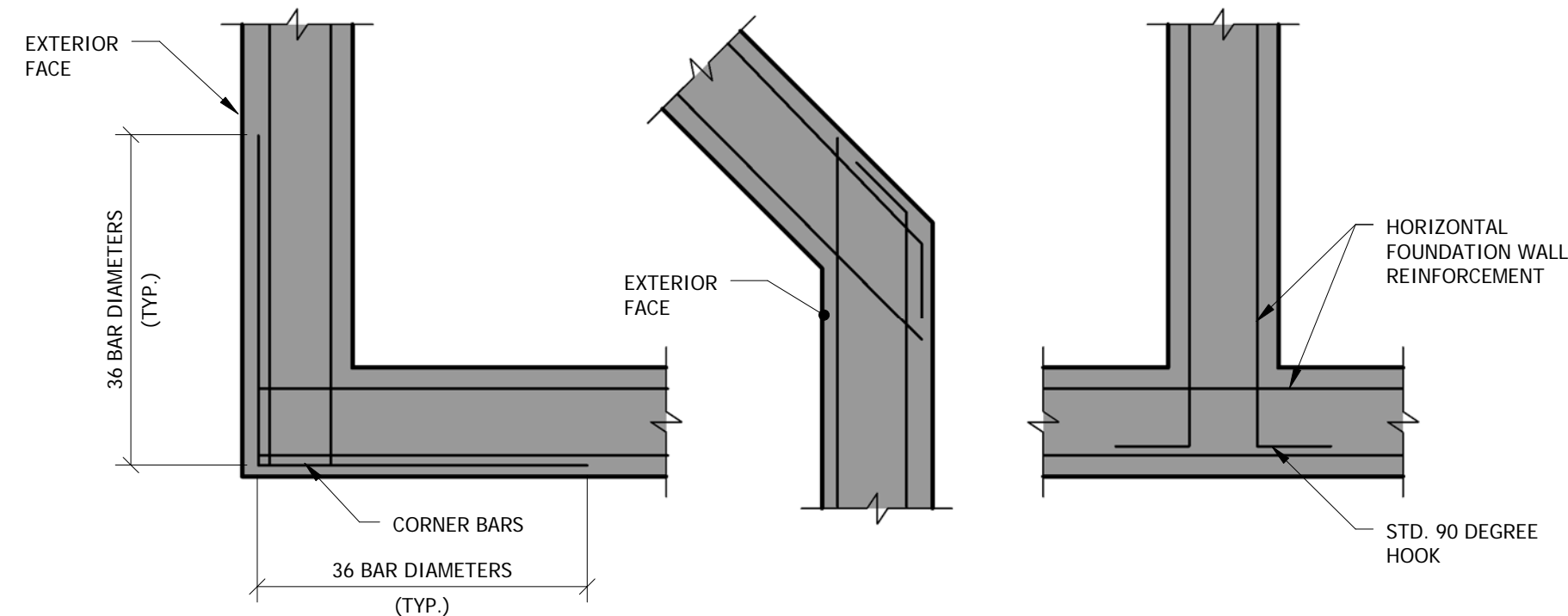
**SITE SECTIONS**

NO:	ISSUED FOR:	DATE:
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		
▲		

CONSTRUCTION DOCUMENTS	
DRAWN BY: ENM	CHECKED BY: DG
DATE: 2/12/16	SHEET NO:
PROJECT NO: 1555	<b>A601</b>

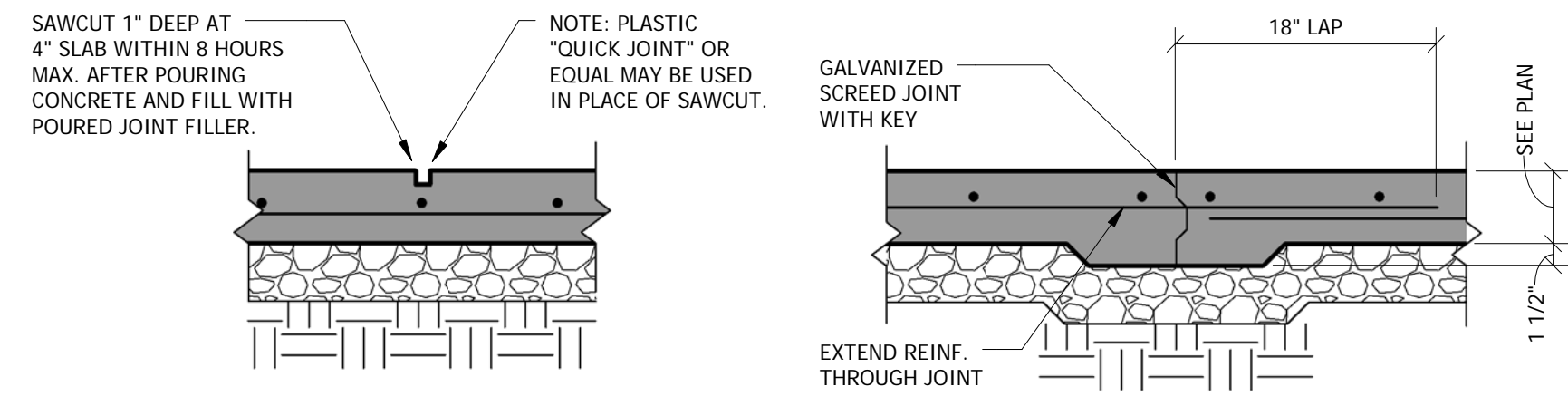
9/27/07/09/07/EROM R16 S1006 FOR NEW PROJECTS WORKING DRAWINGS ARCHIT 101-FIRST FLOOR PLANDING AREAS - UNSEALED/AS BIDDING

©2016 CHAMBERLIN ARCHITECTS



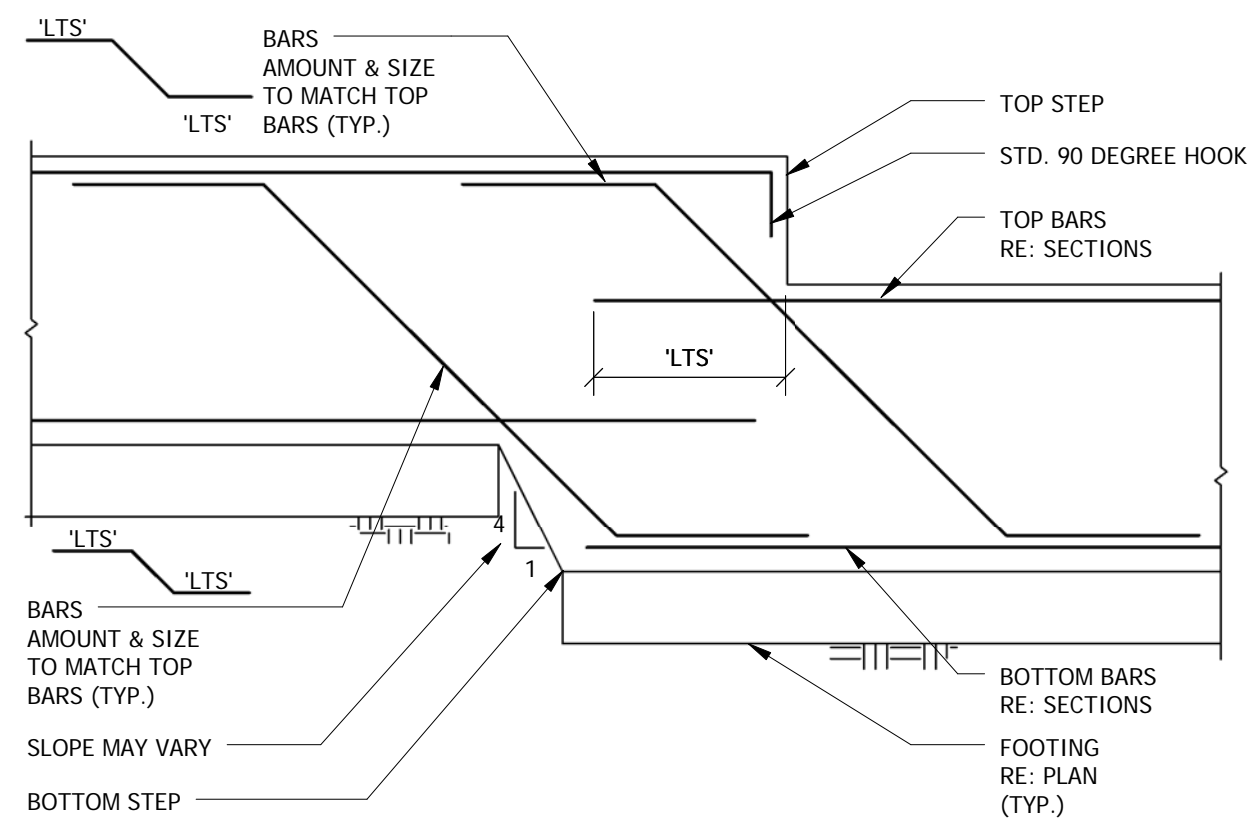
TYPICAL CORNER DETAILS

1" = 1'-0"



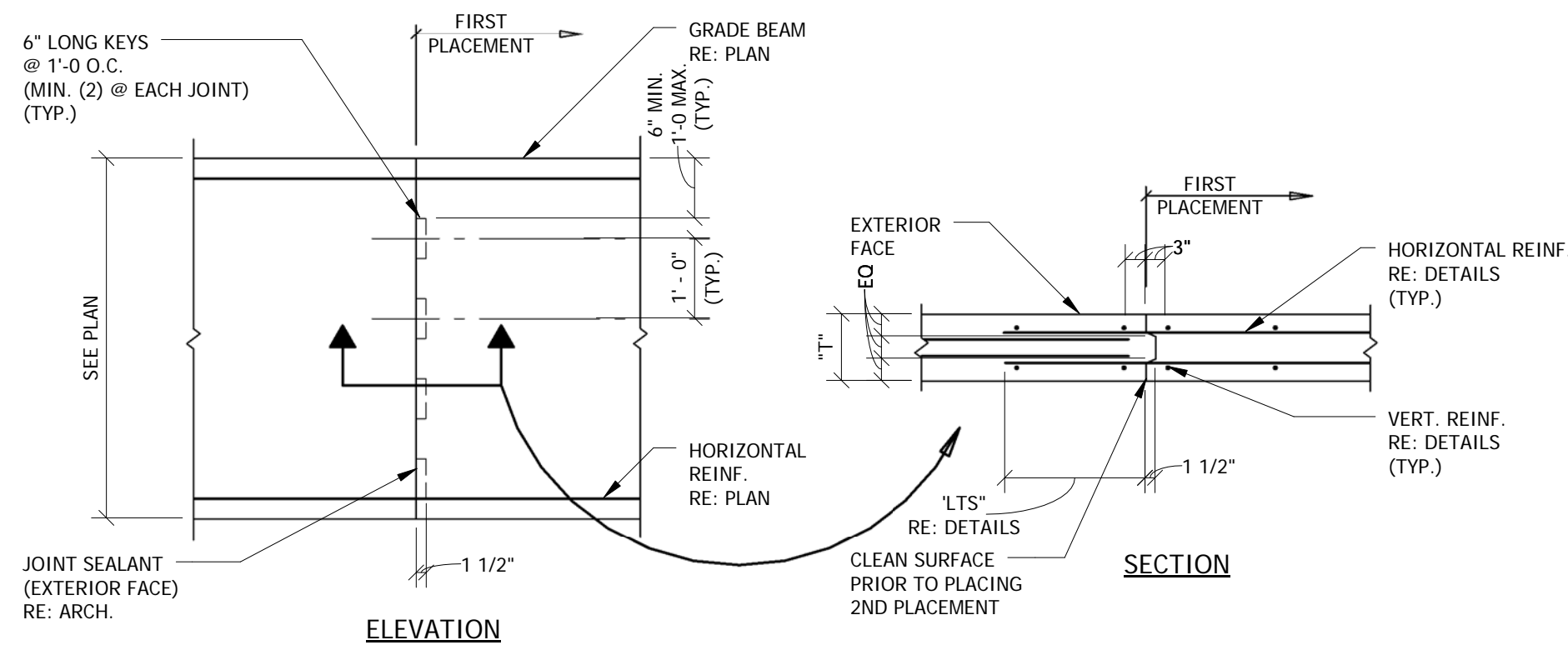
TYPICAL CONTROL JOINT SECTION

1" = 1'-0"



TYPICAL STEP DETAIL

3/8" = 1'-0"



TYPICAL CONC. WALL CONSTRUCTION JOINT DETAIL

1/2" = 1'-0"

1. PROVIDE CONSTRUCTION JOINTS @ 60'-0" O.C. MAX.

ABBREVIATIONS

A.B.	-ANCHOR BOLT	FLR.	-FLOOR	P.T.	-PRESSURE TREATED
ADD'L	-ADDITIONAL	F.O.B.	-FACE OF BRICK	R.	-RADIUS
ADJ.	-ADJACENT	F.O. CONC.	-FACE OF CONCRETE	REINF.	-REINFORCEMENT
A.I.S.C.	-AMERICAN INSTITUTE OF STEEL CONSTRUCTION	F.O.W.	-FACE OF WALL	REQ'D	-REQUIRED
ALT.	-ALTERNATE	FS	-FLAT SLAB	RM.	-ROOM
ARCH.	-ARCHITECTURAL	FT.	-FOOT	SCHED.	-SCHEDULE
A.S.T.M.	-AMERICAN SOCIETY FOR TESTING & MATERIALS	FTG.	-FOOTING	SECT.	-SECTION
BLDG.	-BUILDING	F.W.	-FILLET WELD	SHT.	-SHEET
BM	-BEAM	GA.	-GAUGE	s.d.i.	-SUPERIMPOSED DEAD LOAD
B.O.	-BOTTOM OF	GAL.	-GALVANIZED	SIM.	-SIMILAR
BOT.	-BOTTOM	G.L.	-GLUE LAM BEAM	s.l.	-SNOW LOAD
BSMT.	-BASEMENT	GR.	-GRADE	S.L.V.	-SHORT LEG VERTICAL
BTWN.	-BETWEEN	GR. BM.	-GRADE BEAM	SPC.	-SPACE
CANT.	-CANTILEVER	H.A.S.	-HEADED ANCHOR STUD	SPEC.	-SPECIFICATION
CB.	-CARDBOARD	HORIZ.	-HORIZONTAL	SQ.	-SQUARE
CH.	-CHAMFER	H.S.B.	-HIGH STRENGTH BOLT	STD.	-STANDARD
C.J.	-CONTROL/CONSTRUCTION JOINT	HSS	-HOLLOW STRUCTURAL SECTION	STIFF.	-STIFFENER
CJP	-COMPLETE JOINT PENETRATION	I.D.	-INSIDE DIAMETER	STL.	-STEEL
CLR.	-CLEAR, CLEARANCE	I.F.	-INSIDE FACE	STOR.	-STORAGE
C.M.U.	-CONCRETE MASONRY UNIT	IN.	-INCH	SYM.	-SYMMETRICAL
COL.	-COLUMN	INT.	-INTERIOR	T.&B.	-TOP & BOTTOM
CONC.	-CONCRETE	JNT.	-JOINT	THK.	-THICKNESS
CONN.	-CONNECTION	K.C.I.	-KIP PER CUBIC INCH	T.O.	-TOP OF
CONST.	-CONSTRUCTION	LB.	-POUND	TYP.	-TYPICAL
CONT.	-CONTINUOUS	LN. FT.	-LINEAL FEET	U.N.O.	-UNLESS NOTED OTHERWISE
CONTR.	-CONTRACTOR	LI.	-LIVE LOAD	VAR.	-VARIES
CTRD.	-CENTERED	L.L.V.	-LONG LEG VERTICAL	VERT.	-VERTICAL
C.W.	-CURTAIN WALL	L.S.L.	-LAMINATED STRAND LUMBER	V.I.F.	-VERIFY IN FIELD
DET.	-DETAIL	L.V.L.	-LAMINATED VENEER LUMBER	WT.	-WEIGHT
DIAG.	-DIAGONAL	MAT'L.	-MATERIAL		
DIAM.	-DIAMETER	MAX.	-MAXIMUM		
DIM.	-DIMENSION	MECH.	-MECHANICAL		
DISCONT.	-DISCONTINUOUS	MID.	-MIDDLE		
d.l.	-DEAD LOAD	MIN.	-MINIMUM		
DWG.	-DRAWING	MISC.	-MISCELLANEOUS		
EA.	-EACH	MTL.	-METAL		
E.F.	-EACH FACE	N.I.C.	-NOT IN CONTRACT		
EL.	-ELEVATION	NO.	-NUMBER		
ELECT.	-ELECTRICAL	NOM.	-NOMINAL		
ELEV.	-ELEVATOR	N.T.S.	-NOT TO SCALE		
EQ.	-EQUAL	O.C.	-ON CENTER		
E.W.B.	-END WALL BARS	O.F.	-OUTSIDE FACE		
E.W.	-EACH WAY	O.D.	-OUTSIDE DIAMETER		
EXIST.	-EXISTING	O.H.	-OPPOSITE HAND		
EXP. JNT.	-EXPANSION JOINT	OPNG.	-OPENING		
EXT.	-EXTERIOR	P.A.F.	-POWDER ACTUATED FASTENERS		
FDN.	-FOUNDATION	PL.	-PLATE		
FIN.	-FINISH	P.S.F.	-POUND PER SQUARE FOOT		
		P.S.I.	-POUND PER SQUARE INCH		
		P.S.L.	-PARALLEL STRAND LUMBER		

GENERAL NOTES

- LIVE LOADS USED IN DESIGN:
  - A. GROUND SNOW LOAD.....39 PSF
  - LIVE LOAD.....100 PSF
  - B. WIND:
    - EXPOSURE.....C
    - V ULT.....120 MPH
    - V ASD.....93 MPH
  - C. SEISMIC:
    - SITE CLASS.....D
    - SEISMIC DESIGN CATEGORY.....B
- CONCRETE:
  - A. CONCRETE MIX TABLE (NORMAL WEIGHT CONCRETE):

INTENDED USE	28 DAY STRENGTH F'C (KSI)	MAX W.C. (INCLUDING FLY ASH)	MAX AGGR. (IN)	SUMP LIMITS (IN)	TOTAL AIR LIMITS (%) (2)	CEMENT TYPE	CONCRETE TYPE NORMAL WEIGHT-NW LIGHT WEIGHT-LW	REQ'D ADMIXTURES (3)	OTHER REQUIREMENTS (4)
STEM WALLS & FOOTINGS	4.5	0.45	3/4	4	6	II	NW	AE	FAR
RAMP SLABS	3.5	0.45	1	4	6	II	NW	AE	FAR

- NOTES:
- FOR THE MAXIMUM COARSE AGGREGATE SIZE INDICATED, USE THE FOLLOWING AGGREGATE SIZE NUMBERS PER ASTM C33:
    - 3/4" - #67 AGGREGATE
    - 1" - #57 AGGREGATE
  - TOTAL AIR CONTENT LIMITS INCLUDE BOTH ENTRAINED AND ENTRAPPED AIR +/- 1 1/2%. 'N' IN COLUMN INDICATES ADDITION OF ENTRAINED AIR IS NOT PERMITTED.
  - ABBREVIATIONS FOR REQUIRED ADMIXTURES AS FOLLOWS:
    - AE = AIR-ENTRAINING ADMIXTURE. DO NOT USE ENTRAINED AIR FOR STEEL TROWELED FINISHED FLOORS.
    - WR = WATER REDUCING ADMIXTURE.
  - ABBREVIATIONS FOR OTHER REQUIREMENTS AS FOLLOWS:
    - FAR = 20% CLASS F FLY ASH REQUIRED.
    - SOG = CONTRACTOR TO VERIFY ALKALINITY OF CONCRETE SURFACE. SLAB VAPOR TRANSMISSION, AND SLAB FLATNESS/LEVELNESS ARE COMPATIBLE WITH FLOORING SYSTEM AND ADHESIVES PRIOR TO INSTALLING FLOORING. AMOUNT OF CEMENTITIOUS MATERIALS LISTED SHALL BE PROVIDED, DO NOT USE LESS AND DO NOT SUPPLY OVER 5% MORE.
    - (5) FOR CONCRETE PLACED BY PUMPING, PROVIDE CONCRETE MIX FLOWABILITY TO FACILITY PUMPING.

- ALL REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60, EXCEPT COLUMN TIES, BEAM STIRRUPS, AND DOWELS TO SLAB ON GRADE WHICH MAY BE GRADE 40.
- NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAIL OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SPLICES, WHERE PERMITTED, SHALL BE A MINIMUM OF 40 BAR DIAMETERS. MAKE ALL BARS CONTINUOUS AROUND CORNERS.
- STAGGER SPLICES A MINIMUM OF 4'-0" FOR TOP AND BOTTOM CONTINUOUS BARS IN FOUNDATIONS, UNLESS OTHERWISE SHOWN OR NOTED.
- DETAIL BARS IN ACCORDANCE WITH A.C.I. DETAILING MANUAL AND A.C.I. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, LATEST EDITIONS.
- PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING (INCLUDING W.W.F.) AT POSITIONS SHOWN ON THE DRAWINGS. DO NOT ATTEMPT TO POSITION ANY REINFORCEMENT BY LIFTING DURING CONCRETE PLACEMENT.
- REINFORCEMENT PROTECTION SHALL BE AS FOLLOWS:
  - (1) CONCRETE POURED AGAINST EARTH.....3"
  - (2) FORMED CONCRETE EXPOSED TO EARTH OR WEATHER.....2"
  - (3) FORMED STAIRS OR WALLS NOT EXPOSED TO WEATHER.....3/4"
- PLACE 2-#5 (ONE EACH FACE) WITH 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE UNLESS OTHERWISE SHOWN OR NOTED.
- SLABS, BEAMS, AND GRADE BEAMS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE WORK MUST BE MADE AT MIDDLE OF SPAN WITH VERTICAL BULKHEADS AND KEYS AS SHOWN PER THE TYPICAL CONCRETE WALL CONSTRUCTION JOINT DETAIL. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.
- WIRE FABRIC REINFORCEMENT MUST LAP ONE FULL MESH +2" AT SIDE AND END LAPS, AND SHALL BE TIED TOGETHER.
- FOUNDATIONS:
  - FOUNDATION DESIGN IS BASED ON RECOMMENDATIONS BY HUDDLESTON-BERRY ENGINEERING AND TESTING, L.L.C., JOB NO. 00302-0031. RECOMMENDATIONS IN THIS REPORT SHOULD BE FOLLOWED.
  - A. ALLOWABLE SOIL BEARING PRESSURE.....1,500 PSF
  - SOILS ENGINEER OF RECORD SHALL EXAMINE EXCAVATION TO VERIFY BEARING PRESSURE AND SOIL CONDITIONS PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS ON STRUCTURAL DRAWINGS TO BE CHECKED AGAINST ARCHITECTURAL. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.

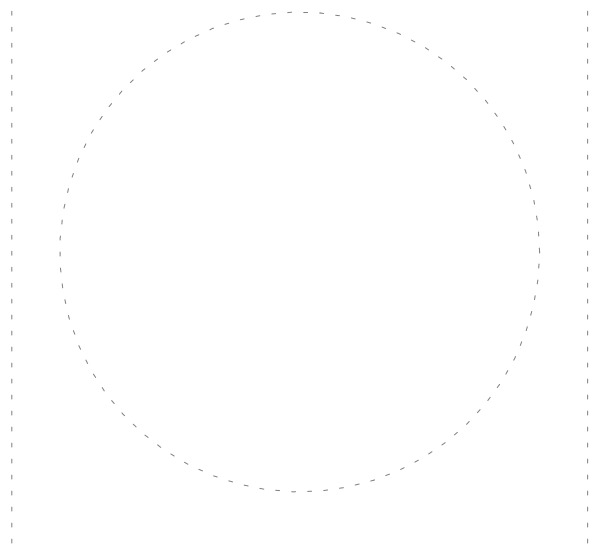
CHAMBERLIN ARCHITECTS  
437 Main St.  
Grand Junction, Colorado 81501  
T 970.242.6804

725 Saint Joseph St., Suite B1  
Rapid City, South Dakota 57701  
T 605.355.6804

www.chamberlinarchitects.com



802 Rood Avenue  
Grand Junction, CO 81501  
PHONE: 970-241-9900  
FAX: 970-243-2430  
www.lindauerdunn.com



MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY

Grand Junction, Colorado

GENERAL NOTES & DETAILS

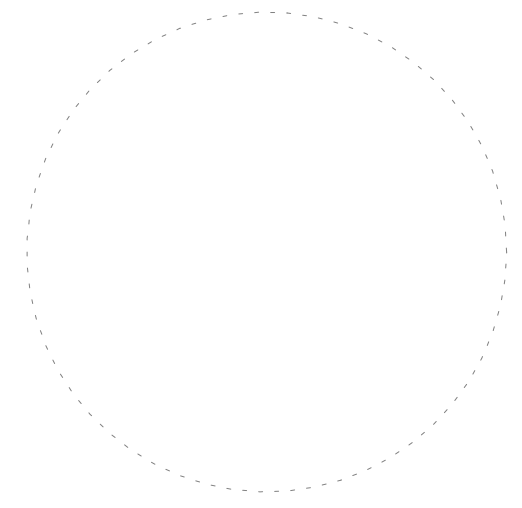
NO:	ISSUED FOR:	DATE:
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

PROJECT STATUS: CONSTRUCTION DOCUMENTS

DRAWN BY: JDG CHECKED BY: JAD

DATE: 02/12/16 SHEET NO:

PROJECT NO: 16.010 S100

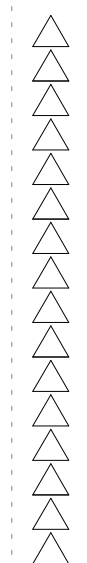


MESA COUNTY  
FAIRGROUNDS -  
GRANDSTANDS RAMP  
ACCESSIBILITY

Grand Junction, Colorado

FOUNDATION PLAN -  
NORTH

NO. ISSUED FOR: DATE:

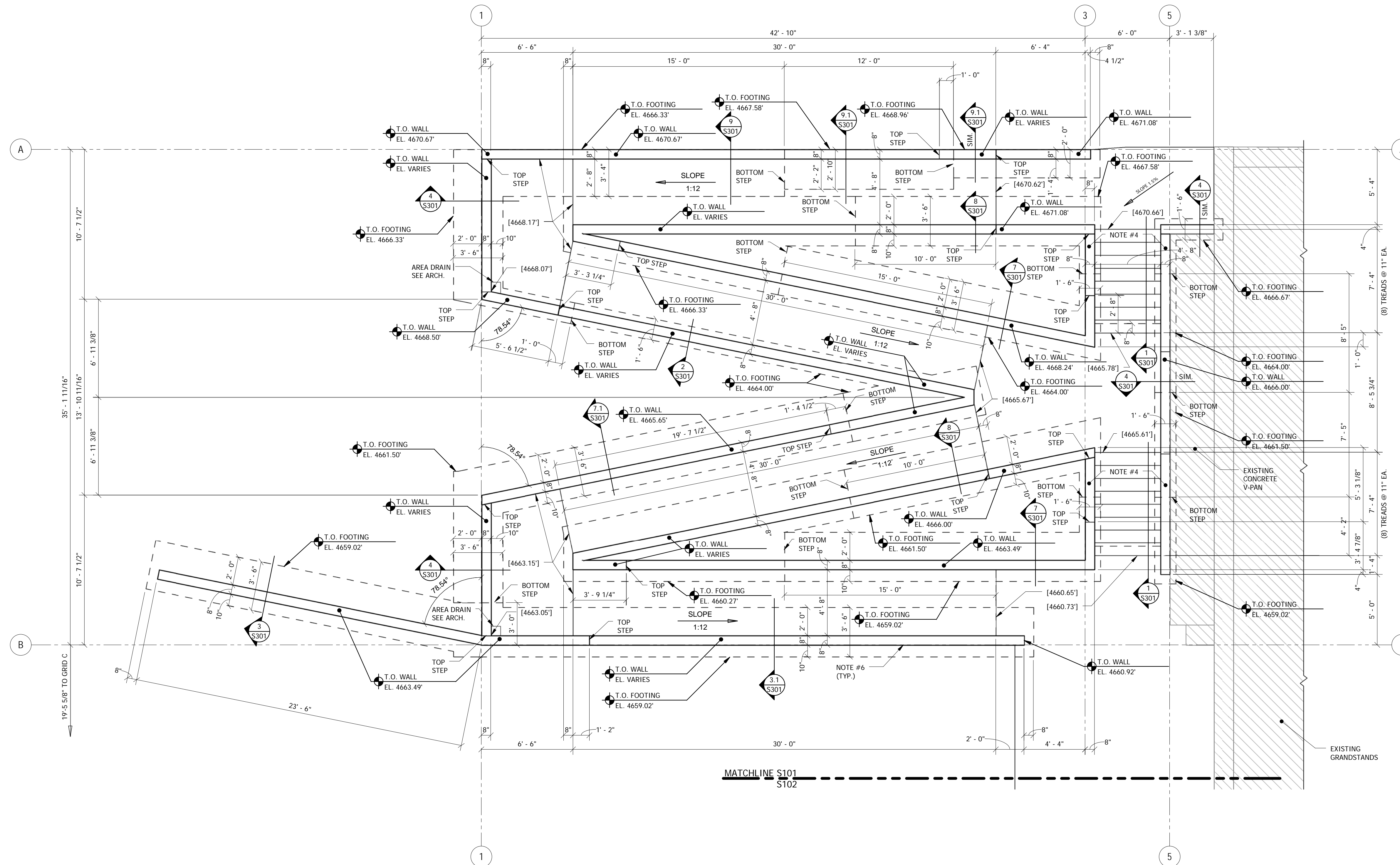


PROJECT STATUS:  
CONSTRUCTION DOCUMENTS

DRAWN BY: JDG CHECKED BY: JAD

DATE:  
**02/12/16** SHEET NO.:

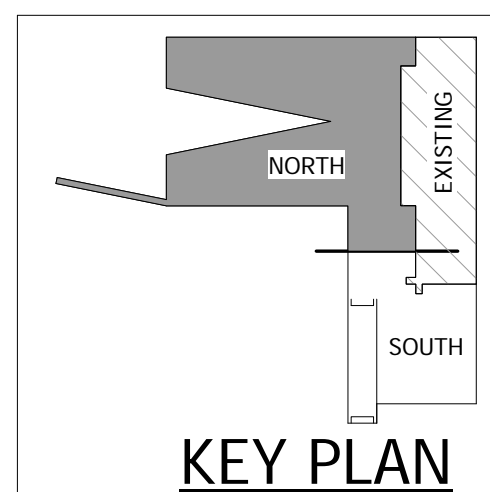
PROJECT NO:  
**16.010** **S101**



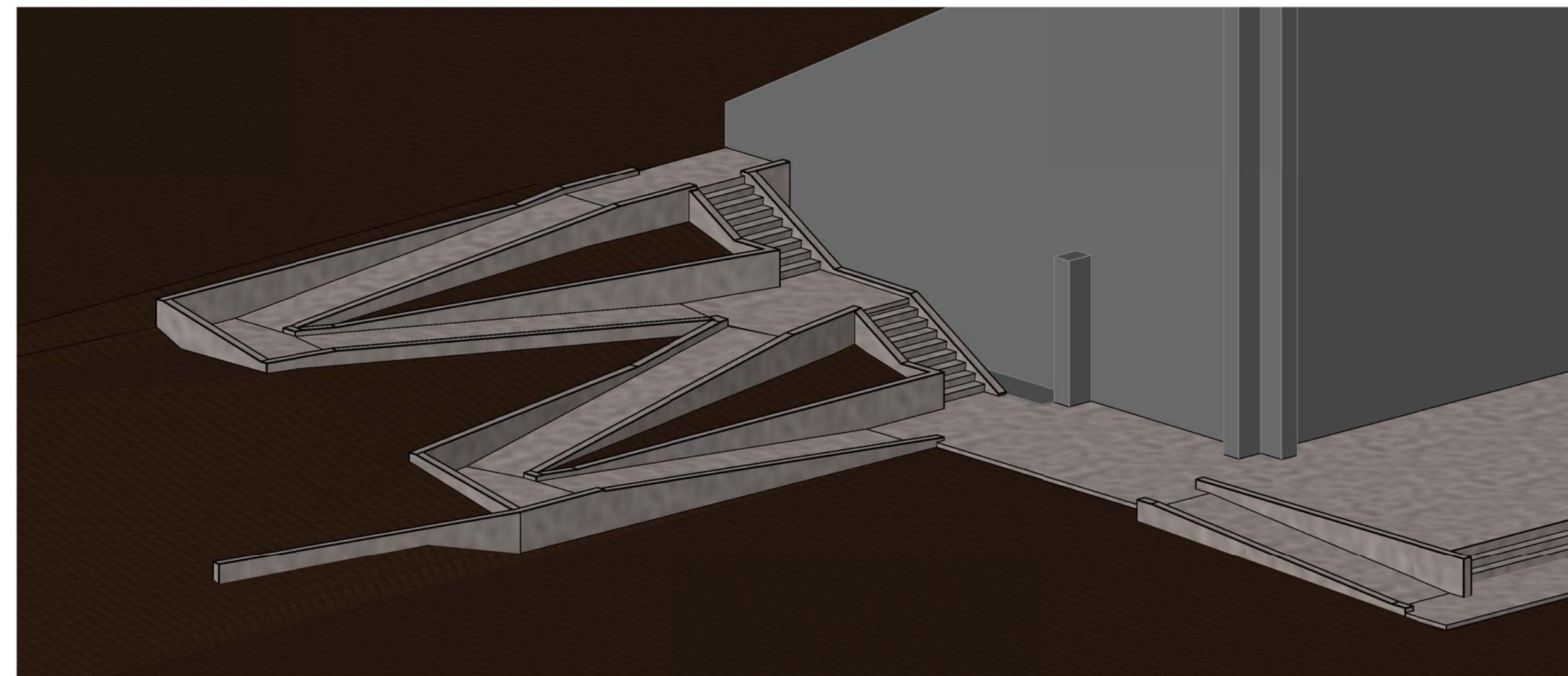
FOUNDATION PLAN - NORTH

1/4" = 1'-0" NORTH

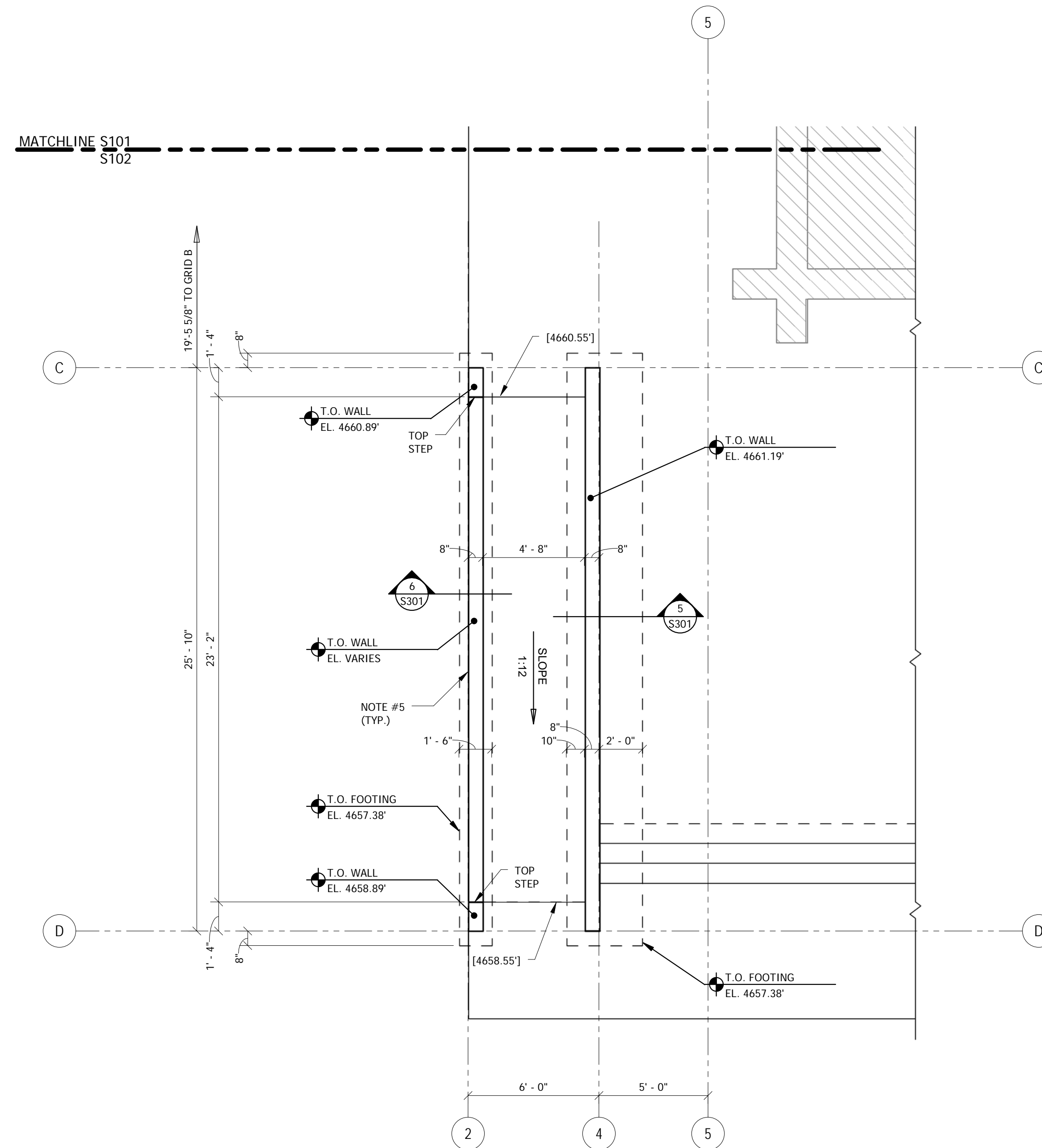
1. VERIFY TOP OF FOOTING AND TOP OF WALL ELEVATIONS IN FIELD RELATIVE TO FINAL GRADING REQUIREMENTS PRIOR TO CONSTRUCTION.
2. TOP OF SLAB SPOT ELEVATIONS NOTED THUS: [XXXX.XX] - VERIFY ELEVATIONS PRIOR TO CONSTRUCTION.
3. REINFORCE 5" RAMP SLABS W/ #4 @ 16 EACH WAY. PLACE IN MIDDLE OF SLAB ON CHAIRS.
4. SLOPE TOPS OF WALLS ADJACENT TO STAIRS WITH SLOPE OF STEPS. WITH MINIMUM 4" FROM EACH STAIR NOSING TO TOP OF WALL.
5. TOP STEPS IN WALLS, INDICATED ON PLANS, ARE LOCATIONS OF PITCH CHANGES IN THE TOPS OF WALLS FROM SLOPING TO LEVEL, RATHER THAN ACTUAL VERTICAL STEPS IN THE WALLS.
6. UNLESS NOTED OTHERWISE IN WALL SECTIONS, WHERE THE TOP OF WALL ELEVATION IS NOTED AS VARIES, THE TOP OF WALL SHALL BE 4" ABOVE THE TOP OF THE ADJACENT RAMP & SLOPES WITH THE RAMP.



KEY PLAN



Structural - SW Orthographic



FOUNDATION PLAN - SOUTH

1/4" = 1'-0" NORTH

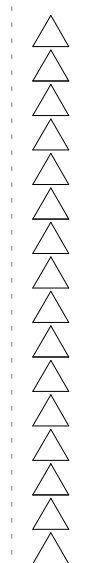
1. VERIFY TOP OF FOOTING AND TOP OF WALL ELEVATIONS IN FIELD RELATIVE TO FINAL GRADING REQUIREMENTS PRIOR TO CONSTRUCTION.
2. TOP OF SLAB SPOT ELEVATIONS NOTED THUS: [XXXX.XX] → VERIFY ELEVATIONS PRIOR TO CONSTRUCTION.
3. REINFORCE 5' RAMP SLABS W/ #4 @ 16 EACH WAY. PLACE IN MIDDLE OF SLAB ON CHAIRS.
4. TOP STEPS IN WALLS, INDICATED ON PLANS, ARE LOCATIONS OF PITCH CHANGES IN THE TOPS OF WALLS FROM SLOPING TO LEVEL, RATHER THAN ACTUAL VERTICAL STEPS IN THE WALLS.
5. UNLESS NOTED OTHERWISE IN WALL SECTIONS, WHERE THE TOP OF WALL ELEVATION IS NOTED AS VARIES, THE TOP OF WALL SHALL BE 4" ABOVE THE TOP OF THE ADJACENT RAMP & SLOPES WITH THE RAMP.

MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY

Grand Junction, Colorado

FOUNDATION PLAN - SOUTH

NO: ISSUED FOR: DATE:

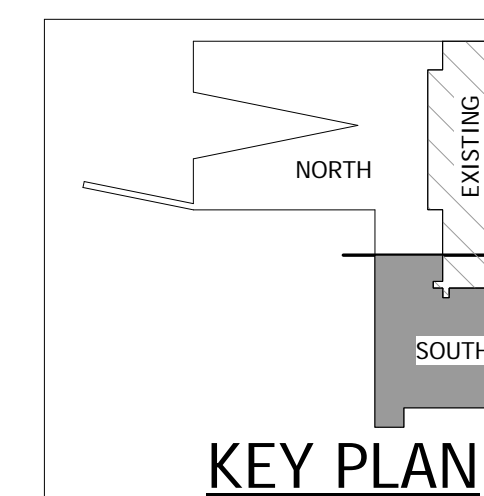


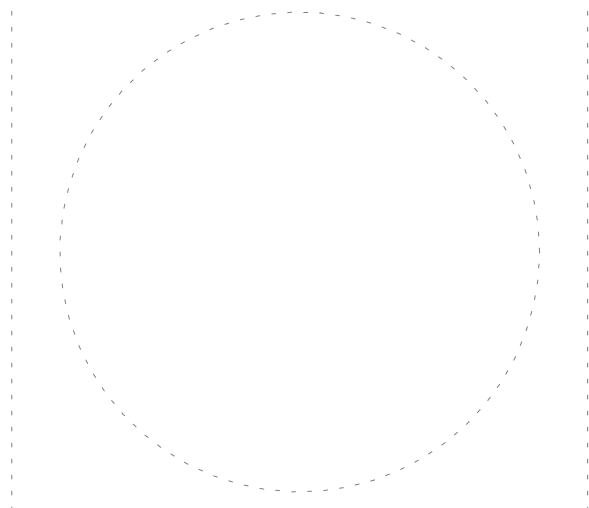
PROJECT STATUS:  
CONSTRUCTION DOCUMENTS

DRAWN BY: JDG CHECKED BY: JAD

DATE: 02/12/16 SHEET NO:

PROJECT NO: 16.010 **S102**





MESA COUNTY FAIRGROUNDS - GRANDSTANDS RAMP ACCESSIBILITY

Grand Junction, Colorado

FOUNDATION SECTIONS

NO. ISSUED FOR: DATE:

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48
- 49
- 50

PROJECT STATUS: CONSTRUCTION DOCUMENTS

DRAWN BY: JDG CHECKED BY: JAD

DATE: 02/12/16 SHEET NO.:

PROJECT NO: 16.010 **S301**

