



ADDENDUM NO. 1

**TITLE: BOONE CENTRAL POST TENSION TRACK AND FOOTBALL FIELD PROJECT
BOONE CENTRAL PUBLIC SCHOOLS**

PROJECT: REGA NO. 121271

LOCATION: Albion, Nebraska

ADDRESS: S. 1st and Park Street

DATE OF ADVERTISEMENT: March 3, 2013

DATE OF ISSUE: March 22, 2013

DATE OF BID OPENING: March 29, 2013

NOTE TO ALL PLAN HOLDERS: Please insert this Addendum into your copy of the contract documents for the above named project.

The following changes to the contract documents are issued by the Architect/Engineer, shall be attached and made a part of the plans and specifications and shall have the same force and effect as though a part of the original issue. All other stipulations and requirements of the plans and specifications remain in effect.

CHANGES TO THE PROPOSAL FORMS:

Delete: Section 00200 Instructions to Bidders in its entirety

Add: Section 00200 Instructions to Bidders (Revised) in its entirety (Attached)

Delete: Section 00400 Bid Form in its entirety

Add: Section 00200 Bid Form (Revised) in its entirety (Attached)

Delete: Section 00500, Page 5, Article 4-Contract Times, Subsection 4.01, Paragraph A in its entirety

Add: Section 00500, Page 5, Article 4-Contract Times, Subsection 4.01, Paragraph A in its entirety

A. Bidder agrees that the start date for the Demolition and the Work will be on or before May 1, 2013 and that the Work will be substantially completed and ready for sports activities October 1, 2013 and ready for final payment in accordance with paragraph 14.07.B of the General conditions on or before November 1, 2013. The Owner is prepared to give Notice to Proceed April 3, 2013. This Notice to Proceed will allow Contractor and Subcontractors to begin Shop Drawings and order material after Shop Drawing Approval.

CHANGES TO THE SPECIFICATIONS:

Delete: Section 13-34-23.1, Permanent Grandstand Seating and Press Box, Part 2-Products, Subsection

2.01; Materials-Press Box- Overall size of press box is 10' x 36' in its entirety

Add: Section Section 13-34-23.1, Permanent Grandstand Seating and Press Box, Part 2-Products, Subsection 2.01; in its entirety,

Materials-Press (Bid Alternate, see bid form for press box sizes)

Add: Section 32-18-13, Synthetic Turf Field Page 2 in its entirety (Attached)

Add: Section 32-18-13, Synthetic Turf Field, Part 2-Products Section 2.01 Materials, Paragraph C in its entirety.

C. Prequalified Synthetic Turf Suppliers are as follows:

- 1. Fieldturf**
- 2. Sprinturf**
- 3. Sporturf**
- 4. Shaw Sportexe**

Prequalification approval by the Engineer to bid shall not constitute acceptance of bid by Owner. The Owner reserves the right to reject any and all bids and must meet specifications and warranty requirements.

Delete: Section 32-18-23.33, Running Track Surfacing, Summary, Subsection A, Second Paragraph in its entirety; Provide 8-Lane Track.

Add: Section 32-18-23.33, Running Track Surfacing, Summary, Subsection A, Second Paragraph in its entirety; Provide 8-Lane Track with black colored structural spray.

Add Section 32-18-23.33, Running Track Surfacing, Part 2-Products Section 2.1 Running Track Surface System, Subsection A in its entirety.

3. RSS-1000 by Renner Sports Surfaces

Delete Section 32 32 23, Segmental Retaining Walls in its entirety.

CHANGES TO PLAN SHEETS

SHEET C1.1

Revise: Removal information notes 2, 7, 11

Delete: Removal information note 5

Revise: Limits of tree removal on the north and northeast side of the project

Delete: Remove gates

Add: Removed gates and salvage for re-use by owner near scoreboard. See Sheet C1.4R for additional information

Delete: Protect garage

Add: Remove garage, concrete slab, and foundation complete

Delete: Remove shed, concrete slab, and foundation complete

Add: Owner shall remove shed, contractor shall remove concrete slab and foundation complete.

Delete: Contractor shall remove and salvage existing memorial sign see layout sheet C1.4 for further information.

Add: Owner shall remove existing memorial sign. Contractor shall remove foundation.

Delete: Contractor shall remove existing bleachers, concrete pads, and all utilities complete.

Delete: Contractor shall remove existing press box, foundation, and all utilities complete.

Add: Owner to remove bleachers and press box. Contractor shall remove existing foundation and all utilities complete.

Add: Gate to be removed and replaced, see C1.4R.

SHEET C1.2

Delete: Sheet C1.2 in its entirety

Add: Sheet C1.2R in its entirety

SHEET C1.2A

Delete: Sheet C1.2A in its entirety

Add: Sheet C1.2AR in its entirety

SHEET C1.4

Delete: Sheet C1.4 in its entirety

Add: Sheet C1.4R in its entirety

SHEET C1.4A

Delete: Sheet C1.4A in its entirety

Add: Sheet C1.4AR in its entirety

SHEET C1.5

Delete: Sheet C1.5 in its entirety

Add: Sheet C1.5R in its entirety

SHEET C1.6

Delete: Sheet C1.6 in its entirety

Add: Sheet C1.6R in its entirety

SHEET C2.0

Revise: Details 5 and 6

Delete: Detail 9

SHEET C2.1

Delete: Detail 5 in its entirety

Revise: Detail 11

SHEET C2.3

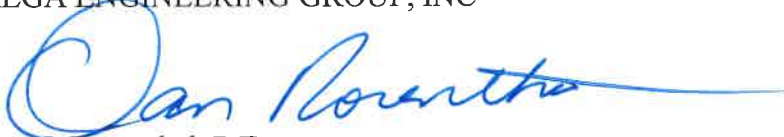
Delete: Detail 7 in its entirety

SHEET C2.4

Delete: 2 inch bottom rail on all details

Add: Tension wire on bottom of chain link fence on all details

Respectfully Submitted,
REGA ENGINEERING GROUP, INC



Dan J. Rosenthal, P.E.

SECTION 00200

INSTRUCTIONS TO BIDDERS

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INSTRUCTIONS TO BIDDERS

ARTICLE 1 - DEFINED TERMS

1.01 Terms used in these Instructions to Bidders will have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below which are applicable to both the singular and plural thereof:

- A. *Bidder*--The individual or entity who submits a Bid directly to OWNER.
- B. *Issuing Office*--The office from which the Bidding Documents are to be issued and where the bidding procedures are to be administered.
- C. *Successful Bidder*--The lowest responsible Bidder submitting a responsive Bid to whom OWNER (on the basis of OWNER'S evaluation as hereinafter provided) makes an award.

ARTICLE 2 - COPIES OF BIDDING DOCUMENTS

2.01 Complete sets of the Bidding Documents in the number and for the sum, stated in the Advertisement or Invitation to Bid shall be obtained from the Issuing Office.

2.02 Complete sets of Bidding Documents must be used in preparing Bids; neither OWNER nor ENGINEER assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

2.03 OWNER and ENGINEER in making copies of Bidding Documents available on the above terms do so only for the purpose of obtaining Bids for the Work and do not confer a license or grant for any other use.

ARTICLE 3 - QUALIFICATIONS OF BIDDERS

3.01 **The Contractor shall have a minimum of 5 similar projects constructed in the past 5 years. The Contractor/Subcontractor for the Football Field shall be a Certified Field Builder and a member of the American Sports Builders Association. The Post Tension Track Contractor/Subcontractor shall be a member of the American Sports Builders Association and have a Post Tension Institute Certified Installer on staff.**

ARTICLE 4 - EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND SITE

4.01 *Subsurface and Physical Conditions*

- A. The Supplementary Conditions identify:
 - 1. Those reports of explorations and tests of subsurface conditions at or contiguous to the Site that Engineer has used in preparing the Bidding Documents.
 - 2. Those drawings of physical conditions in or relating to existing surface and subsurface structures at or contiguous to the Site (except Underground Facilities) that ENGINEER has used in preparing the Bidding Documents.
- B. Copies of reports and drawings, if any, referenced in paragraph 4.01.A will be made available by OWNER to any Bidder on request. Those reports and drawings are not part of the Contract Documents, but the "technical data" contained therein upon which Bidder is entitled to rely as provided in paragraph 4.02 of the General Conditions has been identified and established in paragraph 4.02 of the Supplementary Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any "technical data" or any other data, interpretations, opinions or information contained in such reports or shown or indicated in such drawings.

4.02 *Underground Facilities*

A. Information and data shown or indicated in the Bidding Documents with respect to existing Underground Facilities at or contiguous to the Site is based upon information and data furnished to OWNER and ENGINEER by owners of such Underground Facilities, including OWNER, or others.

4.03 *Hazardous Environmental Condition*

A. The Supplementary Conditions identify those reports and drawings relating to a Hazardous Environmental Condition identified at the Site, if any, that ENGINEER has used in preparing the Bidding Documents.

B. Copies of reports and drawings referenced in paragraph 4.03.A will be made available by OWNER to any Bidder on request. Those reports and drawings are not part of the Contract Documents, but the “technical data” contained therein upon which Bidder is entitled to rely as provided in paragraph 4.06 of the General Conditions has been identified and established in paragraph 4.06 of the Supplementary Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any “technical data” or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.

4.04 Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to subsurface conditions, other physical conditions and Underground Facilities, and possible changes in the Bidding Documents due to differing or unanticipated conditions appear in paragraphs 4.02, 4.03, and 4.04 of the General Conditions. Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to a Hazardous Environmental Condition at the Site, if any, and possible changes in the Contract Documents due to any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work appear in paragraph 4.06 of the General Conditions.

4.05 On request, OWNER will provide Bidder access to the Site to conduct such examinations, investigations, explorations, tests, and studies as Bidder deems necessary for submission of a Bid. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

4.06 Reference is made to Article 7 of the Supplementary Conditions for the identification of the general nature of other work that is to be performed at the Site by OWNER or others (such as utilities and other prime contractors) that relates to the Work for which a Bid is to be submitted. On request, OWNER will provide to each Bidder for examination access to or copies of Contract Documents (other than portions thereof related to price) for such other work.

4.07 It is the responsibility of each Bidder before submitting a Bid to:

A. examine and carefully study the Bidding Documents, including any Addenda and the other related data identified in the Bidding Documents;

B. visit the Site and become familiar with and satisfy Bidder as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work;

C. become familiar with and satisfy Bidder as to all federal, state, and local Laws and Regulations that may affect cost, progress, or performance of the Work;

D. carefully study all reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in paragraph 4.02 of the General Conditions, and carefully study all reports and drawings of a Hazardous Environmental Condition, if any, at the Site which have been identified in the Supplementary Conditions as provided in paragraph 4.06 of the General Conditions;

E. obtain and carefully study, or assume responsibility for doing so, all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder,

including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto;

F. agree at the time of submitting its Bid that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the Work at the price bid and within the times and in accordance with the other terms and conditions of the Bidding Documents;

G. become aware of the general nature of the work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Bidding Documents;

H. correlate the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents;

I. promptly give ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by ENGINEER is acceptable to Bidder; and

J. determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work.

4.08 The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article 4, that without exception the Bid is premised upon performing and furnishing the Work required by the Bidding Documents and applying any specific means, methods, techniques, sequences, and procedures of construction that may be shown or indicated or expressly required by the Bidding Documents, that Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents and the written resolutions thereof by ENGINEER are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work.

ARTICLE 5 - PRE-BID CONFERENCE

5.01 A non-mandatory Pre-Bid Conference will be held March 19, 2013 on site at 1:00 pm CST.

ARTICLE 6 - SITE AND OTHER AREAS

6.01 The Site is identified in the Bidding Documents. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the Work are to be obtained and paid for by CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities are to be obtained and paid for by OWNER unless otherwise provided in the Bidding Documents.

ARTICLE 7 - INTERPRETATIONS AND ADDENDA

7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to ENGINEER in writing. Interpretations or clarifications considered necessary by ENGINEER in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by ENGINEER as having received the Bidding Documents. **No questions regarding the project will be addressed later than 4:00 p CST, Monday, March 25, 2013. An addendum if required will be sent no later than Tuesday, March 26, 2013.** Questions received after this time and prior to the date for opening of Bids may not be answered. **Only questions answered by Addenda will be binding.** Oral and other interpretations or clarifications will be without legal effect.

7.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by OWNER or ENGINEER.

ARTICLE 8 - BID SECURITY

8.01 A Bid must be accompanied by Bid security made payable to OWNER in an amount of 5% of Bidder's maximum Bid price in the form of a certified or cashier's check or a Bid Bond issued by a surety meeting the requirements of paragraphs 5.01 and 5.02 of the General Conditions.

8.02 The Bid security of the Successful Bidder will be retained until such Bidder has executed the Contract Documents, furnished the required contract security and met the other conditions of the Notice of Award. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required contract security within 15 days after the Notice of Award, OWNER may annul the Notice of Award and the Bid security of that Bidder will be forfeited. The Bid security of other Bidders whom OWNER believes to have a reasonable chance of receiving the award may be retained by OWNER until the earlier of seven days after the Effective Date of the Agreement or 61 days after the Bid opening.

ARTICLE 9 - CONTRACT TIMES

9.01 The time for Substantial Completion shall be **October 1, 2013**. Final Completion and readiness for final payment is set for November 1, 2013 and set forth in the Bid and will be entered into the Agreement or incorporated therein by reference to the specific language of the Bid. Deviation from these dates will be taken into consideration by OWNER during the evaluation of Bids, and it will be necessary for the apparent Successful Bidder to satisfy OWNER that it will be able to achieve Completion and be ready for final payment within the times designated in the Bid. The site will be available to the successful Bidder May 1, 2013 to begin construction.

ARTICLE 10 - LIQUIDATED DAMAGES

10.01 Not Applicable.

ARTICLE 11 - SUBSTITUTE AND "OR-EQUAL" ITEMS

11.01 The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration of possible substitute or "or-equal" items. Whenever it is specified or described in the Bidding Documents that a substitute or "or-equal" item of material or equipment may be furnished or used by CONTRACTOR, if acceptable to ENGINEER, the procedure for submission of any such application by CONTRACTOR and consideration by ENGINEER is set forth in the General Conditions and may be supplemented in the General Requirements. **Any substitutes or equal items must be pre-approved by March 22, 2013 at 4:00 pm CST.**

ARTICLE 12 - SUBCONTRACTORS, SUPPLIERS, AND OTHERS

12.01 If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, individuals, or entities to be submitted to OWNER in advance of a specified date prior to the Effective Date of the Agreement, the apparent Successful Bidder, and any other Bidder so requested, shall within five days after Bid opening, submit to OWNER a list of all such Subcontractors, Suppliers, individuals, or entities proposed for those portions of the Work for which such identification is required. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor, Supplier, individual, or entity if requested by OWNER. If OWNER or ENGINEER, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual, or entity, OWNER may, before the Notice of Award is given, request apparent Successful Bidder to submit a substitute.

12.02 If apparent Successful Bidder declines to make any such substitution, OWNER may award the Contract to the next lowest Bidder. Declining to make requested substitutions will not constitute grounds for forfeiture of the Bid security of any Bidder. Any Subcontractor, Supplier, individual, or entity so listed and against which OWNER or ENGINEER makes no written objection prior to the giving of the Notice of Award will be deemed acceptable to OWNER and ENGINEER subject to revocation of such acceptance after the Effective Date of the Agreement as provided in paragraph 6.06 of the General Conditions.

12.03 CONTRACTOR shall not be required to employ any Subcontractor, Supplier, individual, or entity against whom CONTRACTOR has reasonable objection.

ARTICLE 13 - PREPARATION OF BID

13.01 The Bid form is included with the Bidding Documents. Additional copies may be obtained from ENGINEER.

13.02 All blanks on the Bid form shall be completed by printing in ink or by typewriter and the Bid signed. A Bid price shall be indicated for each Bid item listed therein, or the words "No Bid," "No Change," or "Not Applicable" entered.

13.03 A Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate address and state of incorporation shall be shown below the signature.

13.04 A Bid by a partnership shall be executed in the partnership name and signed by a partner, whose title must appear under the signature, accompanied by evidence of authority to sign. The official address of the partnership shall be shown below the signature.

13.05 A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.

13.06 A Bid by an individual shall show the Bidder's name and official address.

13.07 A Bid by a joint venture shall be executed by each joint venturer in the manner indicated on the Bid form. The official address of the joint venture must be shown below the signature.

13.08 All names shall be typed or printed in ink below the signatures.

13.09 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid form.

13.10 The address and telephone number for communications regarding the Bid shall be shown.

13.11 The Bid shall contain evidence of Bidder's authority and qualification to do business in the state where the Project is located or covenant to obtain such qualification prior to award of the Contract. Bidder's state contractor license number for the state of the Project, if any, shall also be shown on the Bid form.

ARTICLE 14 - BASIS OF BID; AND ALTERNATE 1 BID, EVALUATION OF BIDS

14.01 *Lump Sum Price*

A. Bidders shall submit a Bid on a Lump Sum Price basis for each item of Work listed in the Bid schedule.

14.02 The Lump Sum Bid price shall include such amounts as the Bidder deems proper for overhead and profit on account of cash allowances, if any, named in the Contract Documents as provided in paragraph 11.02 of the General Conditions.

Synthetic Turf Provider Sportex:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system.

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41' x 50'.

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'.

Alternate Bid Item Number 4: Provide Red End Zone Panels.

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone.

Synthetic Turf Provider Fieldturf:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system.

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41'x 50'.

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'.

Alternate Bid Item Number 4: Provide Red End Zone Panels.

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone.

Synthetic Turf Provider Sprintturf:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system.

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41'x 50'.

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'.

Alternate Bid Item Number 4: Provide Red End Zone Panels.

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone.

Synthetic Turf Provider Sporturf:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system.

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41'x 50'.

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'.

Alternate Bid Item Number 4: Provide Red End Zone Panels.

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone.

Alternate Bid Item Number 6: Provide Sod turf football field with lawn irrigation as shown on plans.

Alternate Bid Item Number 7: Remove lawn irrigation for synthetic turf field on south end of track. **Deduct**

Alternate Bid Item Number 8: Provide I-Beam Stadium Seating, 16 Rows by 188 feet long with 12" risers and 26" treads with 4" crushed rock base.

Alternate Bid Item Number 9: Provide Angle Frame Stadium Seating, 15 Rows by 188 feet long with 8" risers and 24" treads with 4" concrete base.

Alternate Bid Item Number 10: Provide I-Beam Stadium Seating, 16 Rows by 164 feet long with 12" risers and 26" treads with 4" crushed rock base.

Alternate Bid Item Number 11: Provide Angle Frame Stadium Seating, 15 Rows by 164 feet long with 8" risers and 24" treads with 4" concrete base.

Alternate Bid Item Number 12: Provide 10' x 36' prefabricated press box and catwalk for I-Beam Seating, See Plans.

Alternate Bid Item Number 13: Provide 10' x 36' prefabricated press box and catwalk for Angle Frame Seating, See Plans.

Alternate Bid Item Number 14: Provide 10' x 30' prefabricated press box and catwalk for I-Beam Seating, See Plans.

Alternate Bid Item Number 15: Provide 10' x 30' prefabricated press box and catwalk for Angle Frame Seating, See Plans.

Alternate Bid Item Number 16: Provide 8' x 36' prefabricated press box and catwalk for I-Beam Seating, See Plans.

Alternate Bid Item Number 17: Provide 8' x 36' prefabricated press box and catwalk for Angle Frame Seating.

Alternate Bid Item Number 18: Provide 8' x 30' prefabricated press box and catwalk for I-Beam Seating, See Plans.

Alternate Bid Item Number 19: Provide 8' x 30' prefabricated press box and catwalk for Angle Frame Seating, See Plans.

Alternate Bid Item Number 20: Provide catwalk access on south end of press box for Angle Frame Seating, See Plans,

Alternate Bid Item Number 21: Provide catwalk access on south end of press box for I-Beam Seating, See Plans,

Alternate Bid Item Number 22: Provide 50 foot-candle lighting on football field.

Alternate Bid Item Number 23: Provide bid amount removing new field lighting in its entirety. **Deduct**

Alternate Bid Item Number 24: Provide Red colored structural spray on top of polyurethane track surface.

Alternate Bid Item Number 25: Provide 3" Electrical Conduit and pull box as shown on the plans.

Alternate Bid Item Number 26: Provide 6" sanitary sewer line as shown on the plans.

Alternate Bid Item Number 27: Provide 2" HDPE water line as shown on the plans.

Alternate Bid Item Number 28: Provide 15' x 40' Fisher Cross-over zone track protector. Black with yellow edging and steel chain ballast.

Alternate Bid Item Number 29: Remove south parking lot grading and gravel. ADA concrete parking stalls and associated items for complete construction of parking stalls to be constructed by contractor. **Deduct**

ARTICLE 15 - SUBMITTAL OF BID

15.01 Each prospective Bidder is furnished one copy of the Bidding Documents with one separate unbound copy each of the Bid form, and, if required, the Bid Bond. The unbound copy of the Bid form is to be completed and submitted with the Bid security and the following data:

- A. Experience Record on form attached to bid form.
- B. Materials and Subcontractor Listing on form attached to bid form.
- C. Equipment Assessment Certification.

15.02 A Bid shall be submitted no later than **2:00 pm CST, March 29, 2013** at the Boone Central Public Schools Office located at 605 S 6th Street, Albion, NE 68620 and shall be enclosed in an opaque sealed envelope plainly marked with the Project title and, if applicable, the designated portion of the Project for which the Bid is submitted, the name and address of Bidder, and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate envelope plainly marked on the outside with the notation "BID ENCLOSED." A mailed Bid shall be addressed to:

Mr. Cory Worrell, Superintendent
Boone Central Public Schools
605 S 6th Street
Albion, NE 68620

ARTICLE 16 - MODIFICATION AND WITHDRAWAL OF BID

16.01 A Bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids.

16.02 If within 24 hours after Bids are opened any Bidder files a duly signed written notice with OWNER and promptly thereafter demonstrates to the reasonable satisfaction of OWNER that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Work is re-bid, that Bidder will be disqualified from further bidding on the Work.

ARTICLE 17 - OPENING OF BIDS

17.01 Bids will be opened on **Friday, March 29th, 2013 at 2:00 pm CST** at the Boone Central Public Schools Office located at 605 S 6th Street, Albion, NE 68620. The bid opening will be open to the public. **Bids received after 2:00 pm CST on March 29, 2013 will not be opened or accepted and returned to contractor.**

ARTICLE 18 - BIDS TO REMAIN SUBJECT TO ACCEPTANCE

18.01 All Bids will remain subject to acceptance for the period of time stated in the Bid form, but OWNER may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

ARTICLE 19 - AWARD OF CONTRACT

19.01 OWNER reserves the right to reject any or all Bids, including without limitation, nonconforming, non-responsive, unbalanced, or conditional Bids. OWNER further reserves the right to reject the Bid of any Bidder whom it finds, after reasonable inquiry and evaluation, to be non-responsible. OWNER may also reject the Bid of any Bidder if OWNER believes that it would not be in the best interest of the Project to make an award to that Bidder. OWNER also reserves the right to waive all informalities not involving price, time, or changes in the Work and to negotiate contract terms with the Successful Bidder.

19.02 More than one Bid for the same Work from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Work may be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.

19.03 In evaluating Bids, OWNER will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

19.04 In evaluating Bidders, OWNER will consider the qualifications of Bidders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted as provided in the Supplementary Conditions.

19.05 OWNER may conduct such investigations as OWNER deems necessary to establish the responsibility, qualifications, and financial ability of Bidders, proposed Subcontractors, Suppliers, individuals, or entities to perform the Work in accordance with the Contract Documents.

19.06 If the Contract is to be awarded, OWNER will award the Contract to the Bidder whose Bid is in the best interests of the Project.

ARTICLE 20 - CONTRACT SECURITY AND INSURANCE

20.01 Article 5 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth OWNER'S requirements as to performance and payment Bonds and insurance. When the Successful Bidder delivers the executed Agreement to OWNER, it must be accompanied by such Bonds.

ARTICLE 21 - SIGNING OF AGREEMENT

21.01

When OWNER gives a Notice of Award to the Successful Bidder, it shall be accompanied by the required number of unsigned counterparts of the Agreement with the other Contract Documents which are identified in the Agreement as attached thereto. Within 15 days thereafter, Successful Bidder shall sign and deliver the required number of counterparts of the Agreement and attached documents to OWNER. Within ten days after approval of Agreement and other Contract Documents by OWNER, OWNER shall deliver one fully signed counterpart to Successful Bidder with a complete set of the Drawings with appropriate identification. Acceptance of bid will be conducted during the March 15th Lancaster County Agricultural Society Board Meeting. Notice of Award and Notice to Proceed are subject to Lancaster County Planning Commission approval of this project on March 21, 2012.

ARTICLE 22 - SALES AND USE TAXES

22.01 CONTRACTOR shall pay all sales, consumer, use, permits and other similar expenses required to be paid by CONTRACTOR in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

Owner is exempt from Nebraska Sales Tax and use Taxes on materials and equipment to be incorporated into some types of work. The Contractor shall not include these taxes for materials and equipment.

ARTICLE 23 – RETAINAGE

23.01 Provisions concerning retainage are set forth in the Agreement.

ARTICLE 24 – CONTRACTS TO BE ASSIGNED

24.01 Not Applicable

ARTICLE 25 – WARRANTIES

25.01 Contractor shall warrant the entire system as follows; for one (1) year from the date of final acceptance with the exception that the Synthetic Turf shall be warranted for 8 years and the stadium lighting system shall be warranted to 25 years. Manufactures warranties shall be for the duration of each manufactures warranty. All warranties shall be transferred to the Owner.

END OF SECTION

SECTION 00400

BID FORM (Revised)

PROJECT IDENTIFICATION:

NAME: Boone Central Track and Football Field Project

REGA PROJECT NO.: REGA121271

NAME OF BIDDER

DATE

THIS BID IS SUBMITTED TO: Mr. Cory Worrell, Superintendent
Boone Central Public Schools
605 S 6th Street
Albion, NE 68620

1.01 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

2.01 Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. The Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of OWNER.

3.01 In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all, which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing

surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in paragraph 4.02 of the General Conditions, and (2) reports and drawings of a Hazardous Environmental Condition, if any, which has been identified in the Supplementary Conditions as provided in paragraph 4.06 of the General Conditions.

- E. Bidder has obtained and carefully studied, or assumes responsibility for having done so, all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.
- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by ENGINEER is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

4.01 Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any individual or entity to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

LUMP SUM PRICE BASE BID SCHEDULE:

The total lump sum for all work is:

_____ \$ _____

ALTERNATE LUMP SUM BID ITEMS:

Note: All items are add alternates to base bid unless otherwise noted.

Synthetic Turf Provider Shaw Sportexe:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system.\$ _____

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41'x 50'. \$ _____

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'. \$ _____

Alternate Bid Item Number 4: Provide Red End Zone Panels. \$ _____

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone. \$ _____

Synthetic Turf Provider Fieldturf:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system. \$ _____

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41'x 50'. \$ _____

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'. \$ _____

Alternate Bid Item Number 4: Provide Red End Zone Panels. \$ _____

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone. \$ _____

Synthetic Turf Provider Sprinturf:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system. \$ _____

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41'x 50'. \$ _____

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'. \$ _____

Alternate Bid Item Number 4: Provide Red End Zone Panels. \$ _____

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone. \$ _____

Synthetic Turf Provider Sporturf:

Alternate Bid Item Number 1: Provide Synthetic Turf per specifications for turf system. \$ _____

Alternate Bid Item Number 2: Provide Cardinal Logo for center of field, 41'x 50'. \$ _____

Alternate Bid Item Number 3: Provide Cardinal Logo for center of field, 24.5' x 30'. \$ _____

Alternate Bid Item Number 4: Provide Red End Zone Panels. \$ _____

Alternate Bid Item Number 5: Provide End Zone Lettering 15 feet in height "BOONE CENTRAL" and "CARDINALS" one per end zone. \$ _____

Alternate Bid Item Number 6: Provide Sod turf football field with lawn irrigation as shown on plans.
\$ _____

Alternate Bid Item Number 7: Remove lawn irrigation for synthetic turf field on south end of track.
Deduct \$ _____

Alternate Bid Item Number 8: Provide I-Beam Stadium Seating, 16 Rows by 188 feet long with 12" risers and 26" treads with 4" crushed rock base. \$ _____ Number of Seats _____

Alternate Bid Item Number 9: Provide Angle Frame Stadium Seating, 15 Rows by 188 feet long with 8" risers and 24" treads with 4" concrete base. \$ _____ Number of Seats _____

Alternate Bid Item Number 10: Provide I-Beam Stadium Seating, 16 Rows by 164 feet long with 12" risers and 26" treads with 4" crushed rock base. \$ _____ Number of Seats _____

Alternate Bid Item Number 11: Provide Angle Frame Stadium Seating, 15 Rows by 164 feet long with 8" risers and 24" treads with 4" concrete base. \$ _____ Number of Seats _____

Alternate Bid Item Number 12: Provide 10' x 36' prefabricated press box and catwalk for I-Beam Seating, See Plans. \$ _____

Alternate Bid Item Number 13: Provide 10' x 36' prefabricated press box and catwalk for Angle Frame Seating, See Plans. \$ _____

Alternate Bid Item Number 14: Provide 10' x 30' prefabricated press box and catwalk for I-Beam Seating, See Plans. \$ _____

Alternate Bid Item Number 15: Provide 10' x 30' prefabricated press box and catwalk for Angle Frame Seating, See Plans. \$ _____

Alternate Bid Item Number 16: Provide 8' x 36' prefabricated press box and catwalk for I-Beam Seating, See Plans. \$ _____

Alternate Bid Item Number 17: Provide 8' x 36' prefabricated press box and catwalk for Angle Frame Seating. \$ _____

Alternate Bid Item Number 18: Provide 8' x 30' prefabricated press box and catwalk for I-Beam Seating, See Plans. \$ _____

Alternate Bid Item Number 19: Provide 8' x 30' prefabricated press box and catwalk for Angle Frame Seating, See Plans. \$ _____

Alternate Bid Item Number 20: Provide catwalk access on south end of press box for Angle Frame Seating, See Plans, \$ _____

Alternate Bid Item Number 21: Provide catwalk access on south end of press box for I-Beam Seating, See Plans, \$ _____

Alternate Bid Item Number 22: Provide 50 foot-candle lighting on football field. \$ _____

Alternate Bid Item Number 23: Provide bid amount removing new field lighting in its entirety.
Deduct \$ _____

Alternate Bid Item Number 24: Provide Red colored structural spray on top of polyurethane track surface. \$ _____

Alternate Bid Item Number 25: Provide 3" Electrical Conduit and pull box as shown on the plans. \$ _____

Alternate Bid Item Number 26: Provide 6" sanitary sewer line as shown on the plans. \$ _____

Alternate Bid Item Number 27: Provide 2" HDPE water line as shown on the plans. \$ _____

Alternate Bid Item Number 28: Provide 15' x 40' Fisher Cross-over zone track protector. Black with yellow edging and steel chain ballast. \$ _____

Alternate Bid Item Number 29: Remove south parking lot grading and gravel. ADA concrete parking stalls and associated items for complete construction of parking stalls to be constructed by contractor. **Deduct \$** _____

Lump Sum Prices have been computed in accordance with paragraph 11.03.B of the General Conditions.

6.01 Bidder agrees that the start date for the Base Bid Work will be no later than _____, and that all work in Base Bid shall be fully complete and ready for final payment in accordance with the specifications no later than _____. **If these dates are not filled in, Owner has the right not to accept this bid.**

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified above, which shall be stated in the Agreement. (Not Used).

7.01 The following documents are attached to and made a condition of this Bid:

- A. Required Bid security in the form of a bid bond, certified check or cashier's check payable to the OWNER in the amount of 5% of the total amount bid.
- B. Experience Record.
- C. Certification Pages for Certified Track Builder, Certified Field Builder and Post Tension Institute personal.
- D. Equipment Assessment Certification.
- E. Attachment 3a, Certification of Bidder Regarding Section 3 and Segregated Facilities. **(If Applicable)**
- F. Attachment 3b, Section 3 Plan. **(If Applicable)**
- G. Other Project Specifics. (SRF, USDA, etc). **(If Applicable)**

8.01 The terms used in this Bid with initial capital letters have the meanings indicated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

SUBMITTED on _____, 2013.

State Contractor License No. _____ (If applicable)

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

Business address: _____

Phone No.: _____ FAX No.: _____

E-Mail: _____

A Partnership

Partnership Name: _____

By: _____
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

Phone No.: _____ FAX No.: _____

E-Mail: _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Professional Service, Limited Liability): _____

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Attest _____
(Signature of Corporate Secretary)

Business address: _____

Phone No.: _____ FAX No.: _____

E-Mail: _____

Date of Qualification to do business is _____.

A Joint Venture

Joint Venturer Name: _____

By: _____
(Signature of joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone No.: _____ FAX No.: _____

E-Mail: _____

Joint Venturer Name: _____

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone No.: _____ FAX No.: _____

E-Mail: _____

Phone and FAX Number, and Address for receipt of official communications:

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

EXPERIENCE RECORD

The following is a synopsis of experience in construction of projects similar in scope and difficulty to the Post Tension Concrete and or Synthetic Football Fields the Contractor has constructed within the past five years. **The Contractor shall have constructed a minimum of 5 projects of same type and scope which are required to be considered for this project.**

NAME OF BIDDER: _____

ADDRESS: _____

Begin with most recent project.

PROJECT NO. 1 – PROJECT NAME: _____ DATE: _____

PROJECT LOCATION: _____

LOCAL PROJECT CONTACT PERSON: _____ PHONE #: _____

PROJECT CONSULTING ENGINEER: _____ PHONE #: _____

PROJECT NO. 2 – PROJECT NAME: _____ DATE: _____

PROJECT LOCATION: _____

LOCAL PROJECT CONTACT PERSON: _____ PHONE #: _____

PROJECT CONSULTING ENGINEER: _____ PHONE #: _____

PROJECT NO. 3 – PROJECT NAME: _____ DATE: _____

PROJECT LOCATION: _____

LOCAL PROJECT CONTACT PERSON: _____ PHONE #: _____

PROJECT CONSULTING ENGINEER: _____ PHONE #: _____

PROJECT NO. 4 – PROJECT NAME: _____ DATE: _____

PROJECT LOCATION: _____

LOCAL PROJECT CONTACT PERSON: _____ PHONE #: _____

PROJECT CONSULTING ENGINEER: _____ PHONE #: _____

PROJECT NO. 5 – PROJECT NAME: _____ DATE: _____

PROJECT LOCATION: _____

LOCAL PROJECT CONTACT PERSON: _____ PHONE #: _____

PROJECT CONSULTING ENGINEER: _____ PHONE #: _____

EQUIPMENT ASSESSMENT CERTIFICATION

BY REQUIREMENT OF STATE STATUTE 77-1323, THE FOLLOWING INFORMATION MUST BE FURNISHED BY ALL CONTRACTORS AND SUBCONTRACTORS UTILIZING ANY EQUIPMENT ON ANY AND ALL PUBLIC IMPROVEMENT CONTRACTS.

This is to certify that all equipment to be used on Boone Central Public Schools Track and Football Field Project, REGA Engineering Group, Inc. No. REGA121271, except that acquired since assessment, has been assessed for the current year in _____ County.

Name of Company _____

Authorized Official _____
(Signature)

Title _____

STATE OF _____

COUNTY OF _____

On the _____ day of _____, 20____, before me personally appeared the above named _____ and being first duly sworn stated that the above statement is correct and true.

Notary Public

- b) Field Marking Plan and details for High School Football and Soccer fields including color samples for such markings.
- c) Roll/Seam Layout
- d) Methods of attachment, field openings, and perimeter attachment methods.
- e) The fiber must be certified as lead free.
- f) Provide a product data sheet to ensure that the Owner is clear that the properties of the specific synthetic turf product meets or exceeds the specified requirements for this project.
- g) Submit one sample, 2' X 2' (minimum) size of a boxed synthetic turf system mock-up, in-filled to the proper depth and representing the exact system and materials which will be installed on the project.
- h) Provide detail of thread and seaming method to be used.
- i) Provide detail of inlay method and materials to be used.
- j) Provide detail of the method and materials for the attachment of the synthetic turf to the perimeter curb of the track oval.
- k) State source of silica sand to be used as part of the in-fill material (if applicable).
- l) State amount and source of SBR rubber crumb with certification that the rubber crumb used was from tires generated in Nebraska.
- m) Submit plan and schedule for the Owner's recommended maintenance program for the synthetic turf system.
- n) Submit name and completed installation reference list for installation supervisor who will be present on site during all phases of the synthetic turf installation.

- 2. The Turf Manufacturer must submit the fiber manufacturer's name, type of fiber, and composition of fiber.

C. Prior to Final Acceptance, the Turf Contractor shall submit to the Owner:

- 1. Three (3) copies of Maintenance Manuals, which include all the necessary instructions for the proper care and preventative maintenance of the synthetic turf system, including painting and markings.
- 2. Project Record Documents: Record actual locations of seams, drains, or other pertinent information.
- 3. Warranty Transfer and Submit Manufacturer Warranty to Owner and ensure that forms have been completed in Owner's name and registered with the Manufacturer.
- 4. Test results per ASTM F1936 and ASTM F355 Testing.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section. The Turf Contractor and/or the Turf Manufacturer:

- 1. Must be experienced in the manufacture and installation of this specific type of synthetic infill grass system for at least five (5) years with the same manufacturer, product and company they are proposing for this field. This includes the turf fiber, the backing, the backing coating, infill components and the installation method.



ARCHITECT
BAHR VERMEER HAECKER ARCHITECTS
440 N 8TH ST STE 100
LINCOLN NE 68508
V 402.475.6555
F 402.475.0226
bv.com

CIVIL ENGINEER
REGA ENGINEERING GROUP, INC.
3701 Union Drive, Suite 101
Lincoln, NE 68516
V 402.484.7342
F 402.484.7344



NORTH
SCALE 1" = 30'

REMOVAL INFORMATION

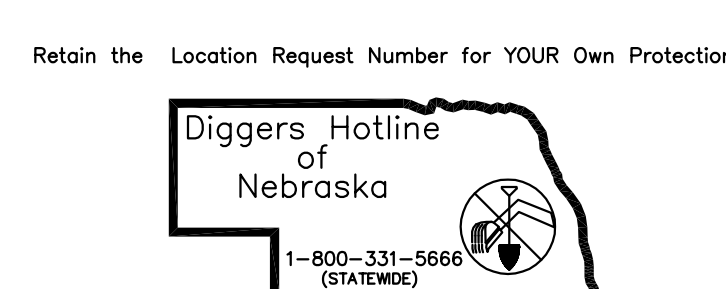
NO.	DESCRIPTION
1	CONTRACTOR SHALL REMOVE AND RELOCATE FIELD GOAL POSTS TO PRACTICE FIELD TO LOCATION DESIGNATED BY ENGINEER AND OWNER ON NEW FOUNDATIONS. SEE C1.4 SHEET NOTE 1 FOR ADDITIONAL INFORMATION.
2	OWNER SHALL REMOVE WOODEN FIELD LIGHTING POLES AND LIGHTING FIXTURES.
3	CONTRACTOR SHALL REMOVE GRATE INLET.
4	CONTRACTOR SHALL REMOVE SALVAGE AND RELOCATE SIGN, COORDINATE WITH THE CITY OF ALBION PUBLIC WORKS DEPARTMENT.
5	CONTRACTOR SHALL REMOVE AND REUSE FLAG POLE AND CONCRETE BASE.
6	CONTRACTOR SHALL REMOVE YIELD SIGN AND SALVAGE.
7	OWNER SHALL REMOVE EXISTING MEMORIAL SIGN. CONTRACTOR SHALL REMOVE FOUNDATION, COMPLETE.
8	CONTRACTOR SHALL REMOVE EXISTING METER PIT COMPLETE AND CONSTRUCT NEW METER PIT AT LOCATION SHOWN ON PLAN SHEET C1.6 AND DETAIL 6/C2.3.
9	CONTRACTOR SHALL CONTACT LOUP POWER DISTRICT TO COORDINATE THE DISCONNECTING OF POWER AND THE ELECTRICAL PEDESTAL.
10	REMOVE EXISTING FENCE COMPLETE INCLUDING BUT NOT LIMITED TO THE FENCE POST, WIRE AND FOUNDATION.
11	OWNER SHALL REMOVE EXISTING PRESS BOX AND BLEACHERS. CONTRACTOR SHALL REMOVE INCLUDING BUT NOT LIMITED TO ELECTRICAL CONNECTION, FOUNDATIONS, AND DISPOSAL.
12	EXISTING FENCE SHALL STAY IN PLACE THROUGHOUT CONSTRUCTION TO PROTECT EXISTING PRACTICE FIELD. FENCE MAY BE REMOVED AFTER BLEACHERS, PRESS BOX, AND PAVING IS COMPLETE.
13	INSTALL 376'± OF ORANGE CONSTRUCTION FENCING TO PROTECT PRACTICE FIELD THROUGHOUT CONSTRUCTION. FENCE TO BE REMOVED AFTER FINAL WALK THRU.
14	CLEAR TREES AND SHRUBS AS NEEDED FOR CONSTRUCTION. COORDINATE WITH OWNER BEFORE REMOVAL. REGRADE AND SEED.
15	CONTRACTOR SHALL REMOVE AND SALVAGE ALL HANDICAP SIGNS. GIVE TO OWNER.
16	CONTRACTOR SHALL REMOVE 528' ± OF FENCE FABRIC FOR RE-USE. SEE SHEET C1.4 FOR FURTHER INFORMATION. REMOVE OLD POSTS.
17	OWNER SHALL REMOVE ALL SIGNS ON FENCE.
18	(ALTERNATE BID ITEM SOD TURF) CONTRACTOR SHALL CUT AND REMOVE ALL SOD WITHIN PERIMETER OF TRACK TO A DEPTH OF 1/2", TO KEEP TOP SOIL.

LEGEND

- PAVEMENT REMOVAL
- ROCK REMOVAL
- REMOVE ITEMS
- LIMITS OF CONSTRUCTION, STAGING STORAGE AND LAY DOWN AREA.
- PROPERTY LINE

DEMOLITION NOTES:

- PROTECT ALL SIDEWALKS NOT SHOWN FOR REMOVAL. CONTRACTOR SHALL REPAIR ALL DAMAGED SIDEWALK AT NO COST TO THE OWNER.
- PROTECT ALL UTILITIES NOT BEING EFFECTED BY THE DEMOLITION. ANY DAMAGE OR ACCIDENTAL REMOVAL OF UTILITIES SHALL BE REPAIRED AT THE COST OF THE CONTRACTOR.
- COORDINATION OF ITEMS REMOVED BY OTHERS SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROTECT ALL LANDSCAPING AREAS (TREES, IRRIGATION, DECORATIVE BRICK, ETC.) OUTSIDE OF DEMOLITION AREA UNLESS OTHERWISE NOTED. ANY DAMAGE SHALL BE REPLACED AT THE COST OF THE CONTRACTOR.
- REMOVE PAVEMENT TO THE NEAREST CONTRACTION JOINTS. SAW CUT PAVEMENT FULL DEPTH.



REGA
ENGINEERING GROUP, INC.

1620 SOUTH 70TH ST, SUITE 103
LINCOLN, NEBRASKA 68506
(402) 484.7342

- ENGINEERING
- PLANNING

NOTE: UNDERGROUND UTILITY LOCATIONS SHOWN ARE FROM INFORMATION PROVIDED TO US FROM UTILITY COMPANIES. UTILITY COMPANIES MAKE NO WARRANTIES OR GUARANTEES REGARDING THE ACCURACY OF THE INFORMATION CONTAINED IN THEIR DOCUMENTS AND PROVIDES IT ONLY AS GENERAL INFORMATION TO THE REGULATOR. FOR SPECIFIC LOCATIONS DURING CONSTRUCTION CALL "DIGGERS HOTLINE" 1-800-331-5666 (STATEWIDE) PRIOR TO DIGGING.

BENCHMARK INFO:

BENCHMARK #1 CURB INLET MANHOLE, SOUTH OF THE INTERSECTION OF PARK AND "A" STREET, RIM=1762.72
BENCHMARK #2, SANITARY SEWER MANHOLE, AT THE INTERSECTION OF PARK AND SOUTH 1ST STREET, RIM=1774.94
BENCHMARK #3, SANITARY SEWER MANHOLE, 342' SOUTH OF THE INTERSECTION OF PARK AND SOUTH 1ST STREET, RIM=1777.58

REGA NO. 121271

ISSUED FOR:	DATE:	BY:
65% REVIEW	03/06/13	REGA
95% REVIEW	03/08/13	REGA
AS-BUILT CONSTRUCTION	03/24/13	REGA
PLAN REVISIONS	03/22/13	REGA

REVISIONS SCHEDULE

MARK	DATE	DESCRIPTION

BOONE CENTRAL HIGH SCHOOL TRACK AND FOOTBALL FIELD RENOVATION

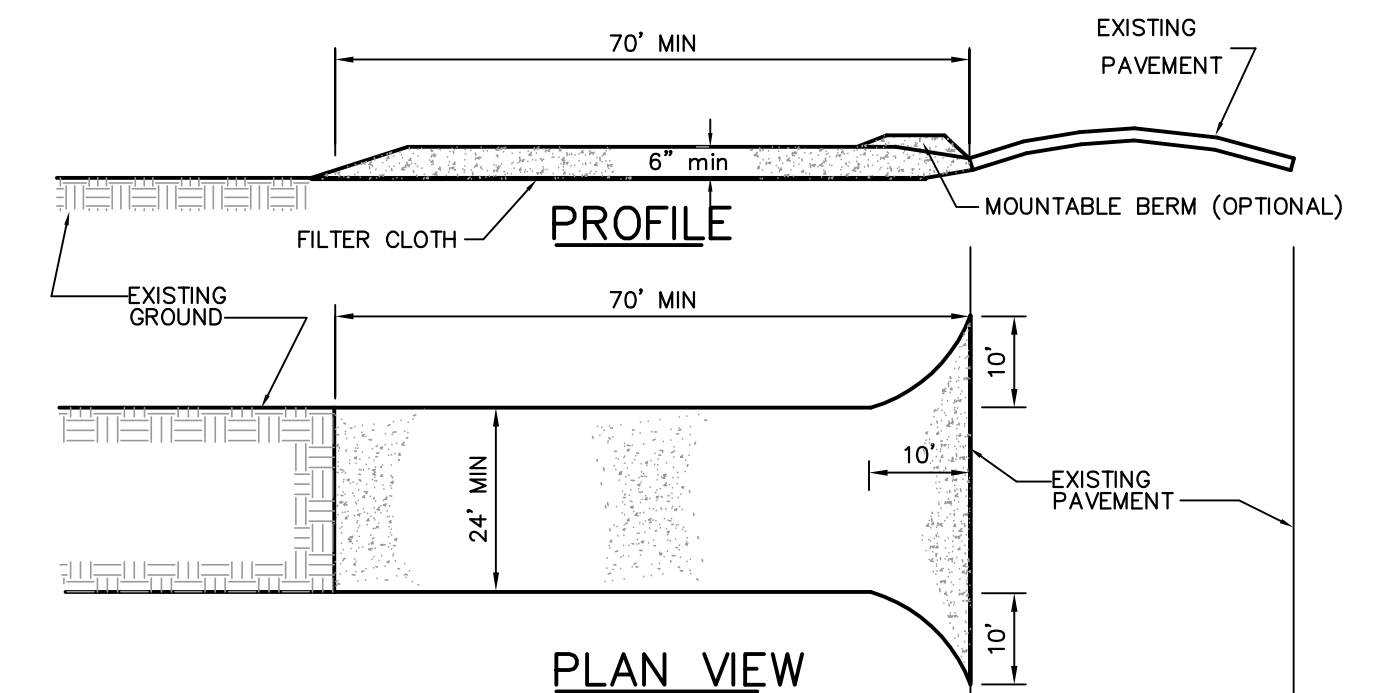
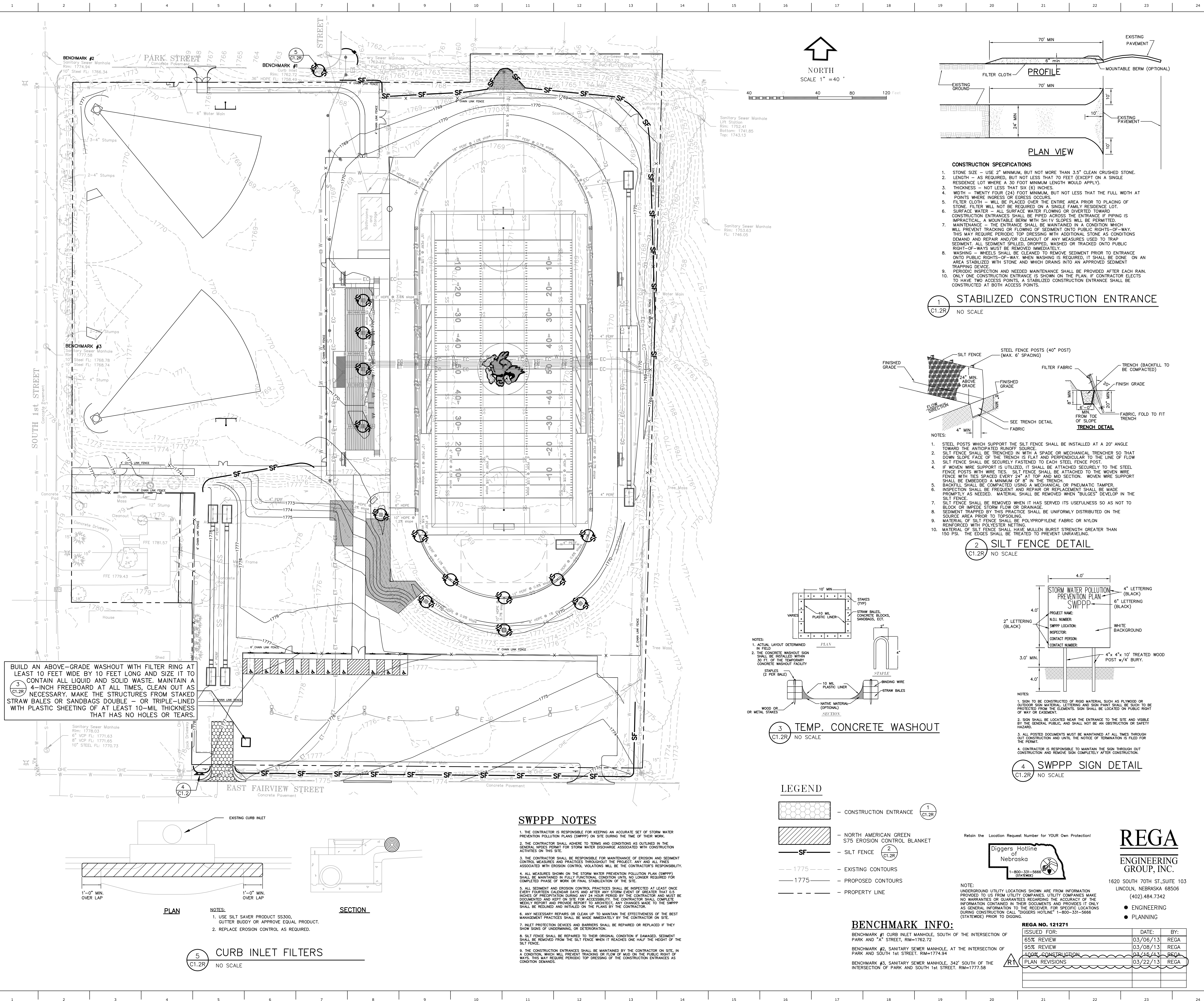
PROJECT: L13015 DATE: 03-2013

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY DANIEL J. ROSENTHAL, E-7588 ON 03.15.2013. THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DEMOLITION PLAN

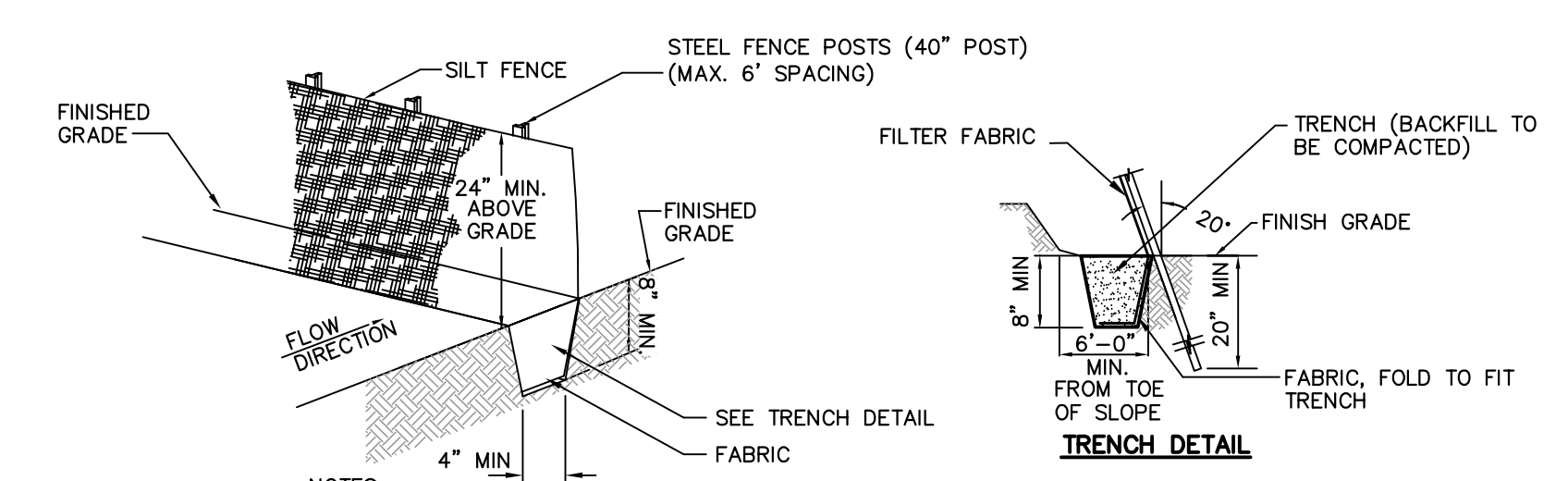


C1.1



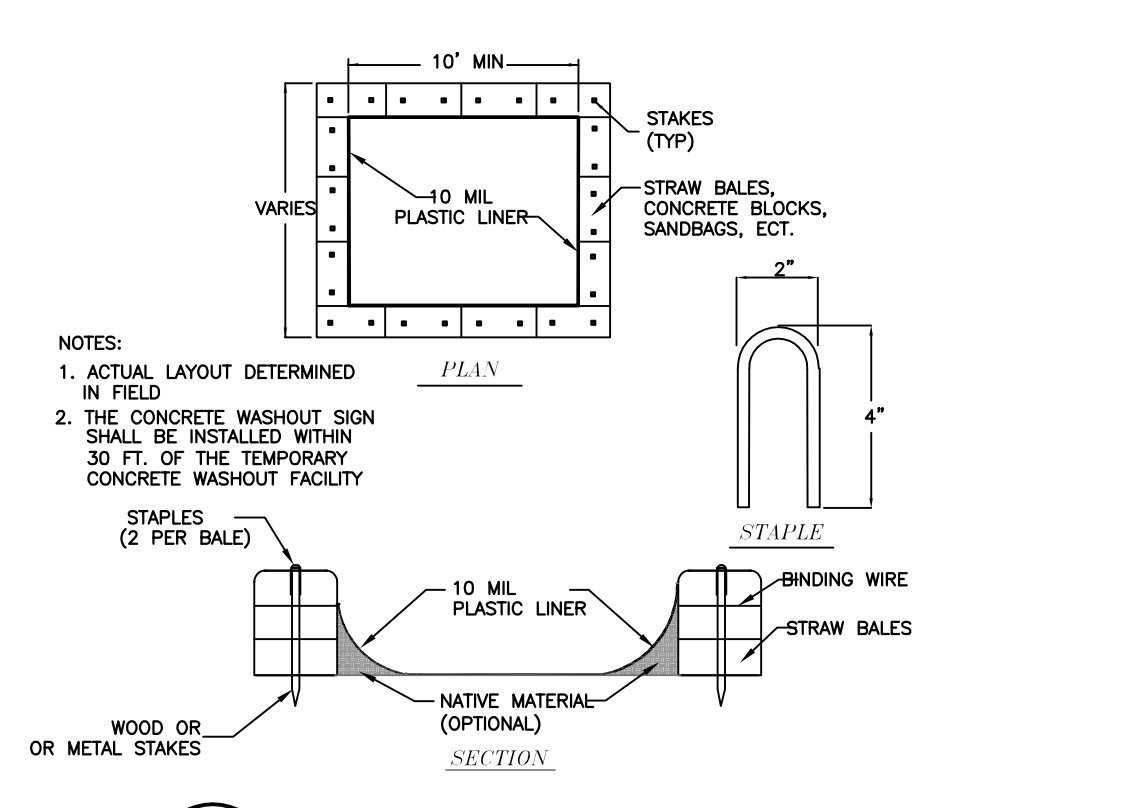
- CONSTRUCTION SPECIFICATIONS**
- STONE SIZE - USE 2" MINIMUM, BUT NOT MORE THAN 3.5" CLEAN CRUSHED STONE.
 - LENGTH - AS REQUIRED, BUT NOT LESS THAN 70 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
 - THICKNESS - NOT LESS THAN SIX (6) INCHES.
 - WIDTH - TWENTY FOUR (24) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
 - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 V SLOPES WILL BE PERMITTED.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
 - WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
 - ONLY ONE CONSTRUCTION ENTRANCE IS SHOWN ON THE PLAN. IF CONTRACTOR ELECTS TO HAVE TWO ACCESS POINTS, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT BOTH ACCESS POINTS.

1 STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

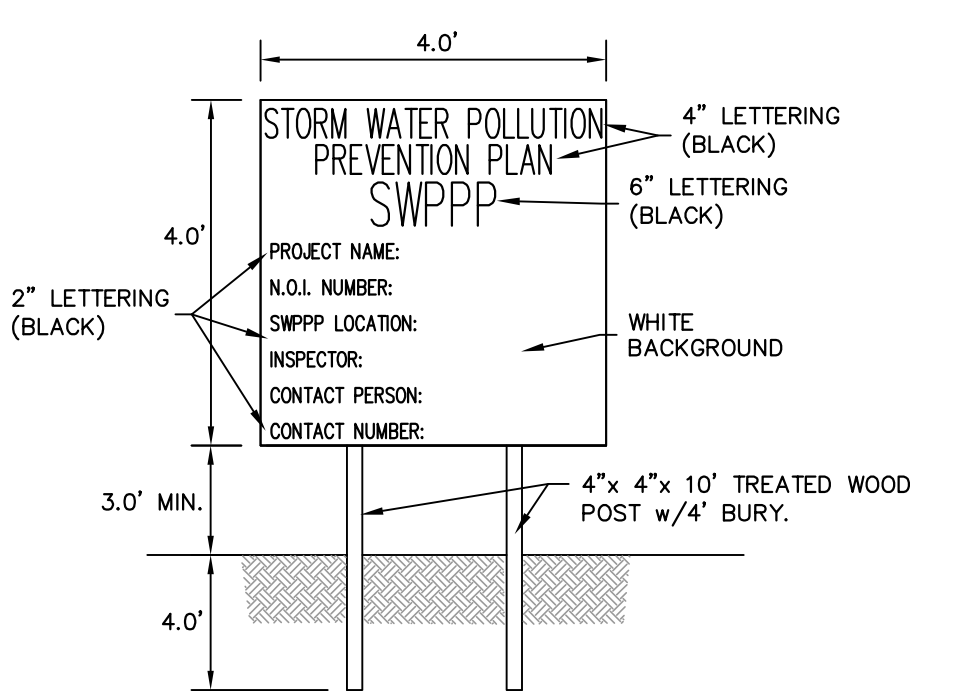


- NOTES:**
- STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED AT A 20° ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
 - SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER SO THAT DOWN SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
 - SILT FENCE SHALL BE SECURELY FASTENED TO EACH STEEL FENCE POST.
 - IF WOVEN WIRE SUPPORT IS UTILIZED, IT SHALL BE ATTACHED SECURELY TO THE STEEL FENCE POSTS WITH WIRE TIES. SILT FENCE SHALL BE ATTACHED TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. WOVEN WIRE SUPPORT SHALL BE EMBEDDED A MINIMUM OF 8" IN THE TRENCH OR PNEUMATIC TAMPER.
 - BACKFILL SHALL BE COMPACTED USING A MECHANICAL OR PNEUMATIC TAMPER.
 - INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
 - SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS SO AS NOT TO BLOCK OR IMPURE FLOW OF DRAINAGE.
 - SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE UNIFORMLY DISTRIBUTED ON THE SOURCE AREA PRIOR TO TOPSOILING.
 - MATERIAL OF SILT FENCE SHALL BE POLYPROPYLENE FABRIC OR NYLON REINFORCED WITH POLYESTER NETTING.
 - MATERIAL OF SILT FENCE SHALL HAVE MULLEN BURST STRENGTH GREATER THAN 150 PSI. THE EDGES SHALL BE TREATED TO PREVENT UNRAVELING.

2 SILT FENCE DETAIL
NO SCALE

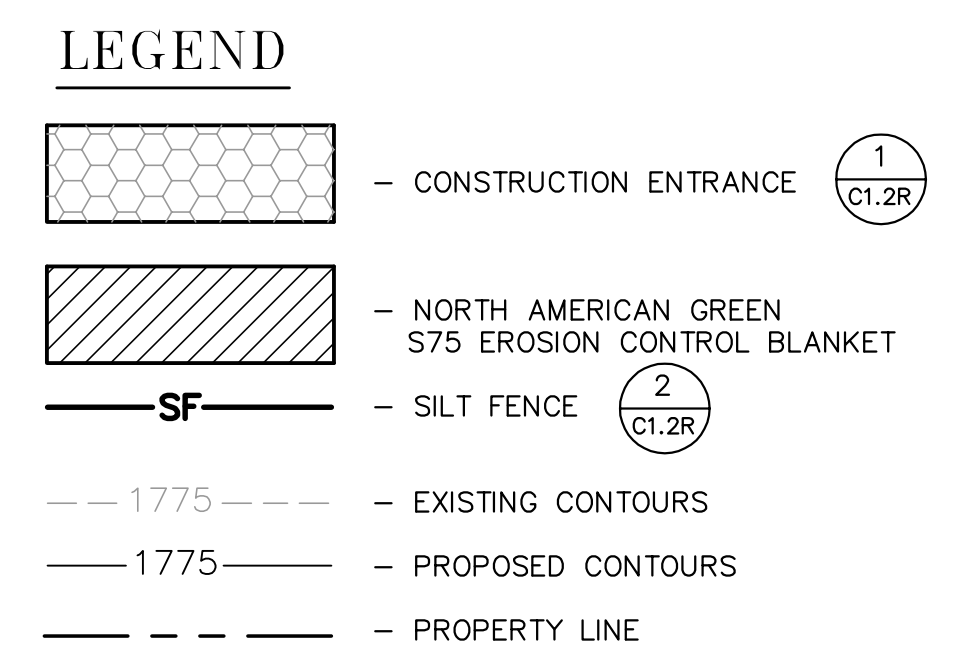


3 TEMP. CONCRETE WASHOUT
NO SCALE

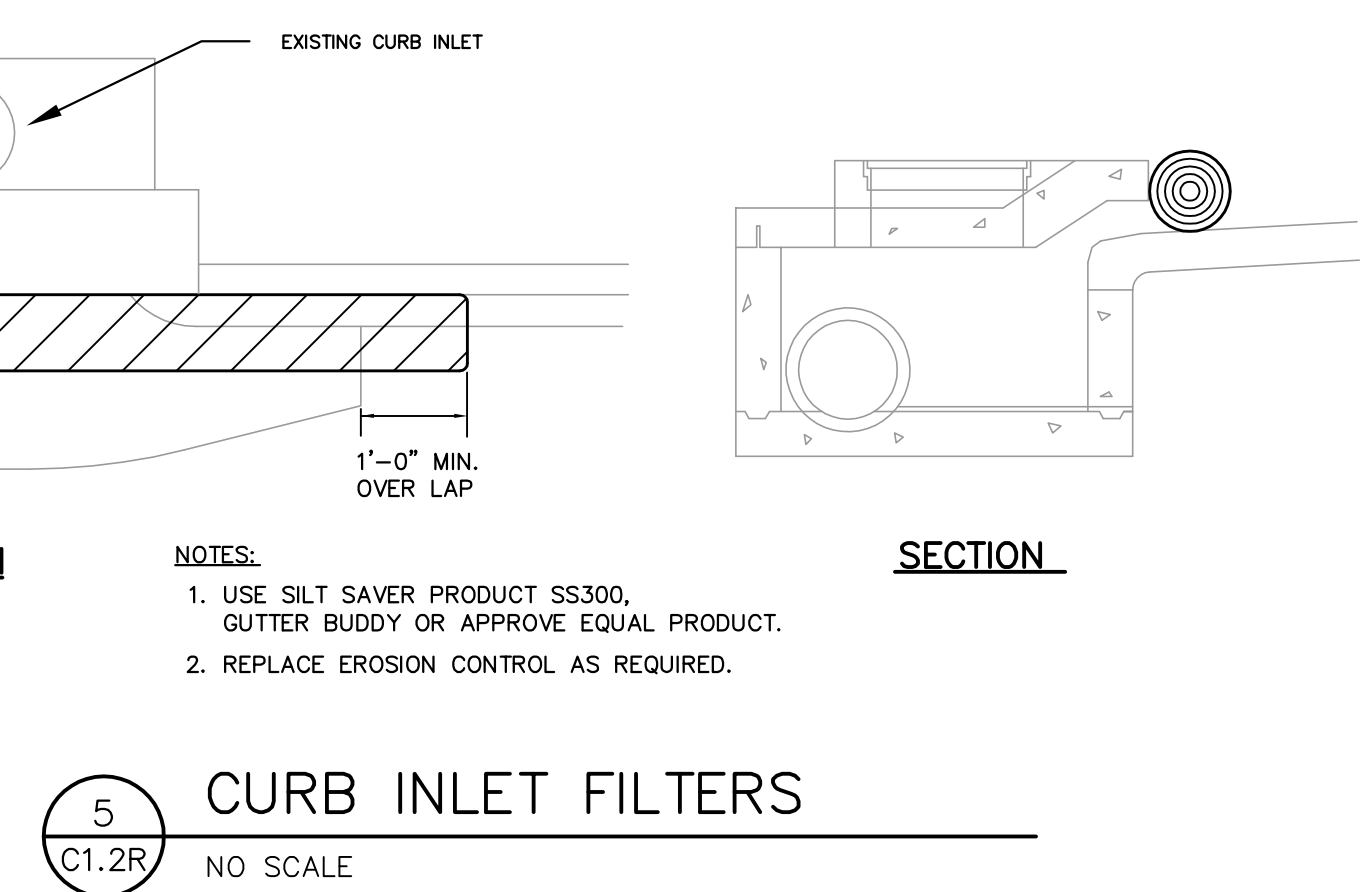


- NOTES:**
- SIGN TO BE CONSTRUCTED OF RIGID MATERIAL SUCH AS PLYWOOD OR QUARTER SHEET MATERIAL. LETTERING AND SIGN PAINT SHALL BE SUCH TO BE PROTECTED FROM THE ELEMENTS. SIGN SHALL BE LOCATED ON PUBLIC RIGHT OF WAY OR EASEMENT.
 - SIGN SHALL BE LOCATED NEAR THE ENTRANCE TO THE SITE AND VISIBLE BY THE GENERAL PUBLIC, AND SHALL NOT BE AN OBSTRUCTION OR SAFETY HAZARD.
 - ALL POSTED DOCUMENTS MUST BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE OF TERMINATION IS FILED FOR THE PERMIT.
 - CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE SIGN THROUGHOUT CONSTRUCTION AND REMOVE SIGN COMPLETELY AFTER CONSTRUCTION.

4 SWPPP SIGN DETAIL
NO SCALE



- SWPPP NOTES**
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING AN ACCURATE SET OF STORM WATER PREVENTION POLLUTION PLANS (SWPPP) ON SITE DURING THE TIME OF THEIR WORK.
 - THE CONTRACTOR SHALL ADHERE TO TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL NOTES PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES ON THIS SITE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT. ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
 - ALL MEASURES SHOWN ON THE STORM WATER PREVENTION POLLUTION PLAN (SWPPP) SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.
 - ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST ONCE EVERY FOURTEEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24 HOUR PERIOD BY THE CONTRACTOR AND MUST BE DOCUMENTED AND KEPT ON SITE FOR ACCESSIBILITY. THE CONTRACTOR SHALL COMPLETE WEEKLY REPORT AND PROVIDE REPORT TO ARCHITECT. ANY CHANGES MADE TO THE SWPPP SHALL BE REQUIRED AND INITIALED ON THE PLANS BY THE CONTRACTOR.
 - ANY NECESSARY REPAIRS OR CLEAN UP TO MAINTAIN THE EFFECTIVENESS OF THE BEST MANAGEMENT PRACTICES SHALL BE MADE IMMEDIATELY BY THE CONTRACTOR ON SITE.
 - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDOINGING, OR DETRIORATION.
 - SILT FENCE SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE HALF THE HEIGHT OF THE SILT FENCE.
 - THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR ON SITE IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ON THE PUBLIC RIGHT OF WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITION DEMANDS.



5 CURB INLET FILTERS
NO SCALE

BUILD AN ABOVE-GRADE WASHOUT WITH FILTER RING AT LEAST 10 FEET WIDE BY 10 FEET LONG AND SIZE IT TO CONTAIN ALL LIQUID AND SOLID WASTE. MAINTAIN A 4-INCH FREEBOARD AT ALL TIMES. CLEAN OUT AS NECESSARY. MAKE THE STRUCTURES FROM STAKED STRAW BALES OR SANDBAGS DOUBLE - OR TRIPLE-LINED WITH PLASTIC SHEETING OF AT LEAST 10-MIL THICKNESS THAT HAS NO HOLES OR TEARS.



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REVISIONS SCHEDULE		
MARK	DATE	DESCRIPTION

BOONE CENTRAL HIGH SCHOOL TRACK AND FOOTBALL FIELD RENOVATION

PROJECT: L13015 DATE: 03-2013
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REGA
ENGINEERING GROUP, INC.

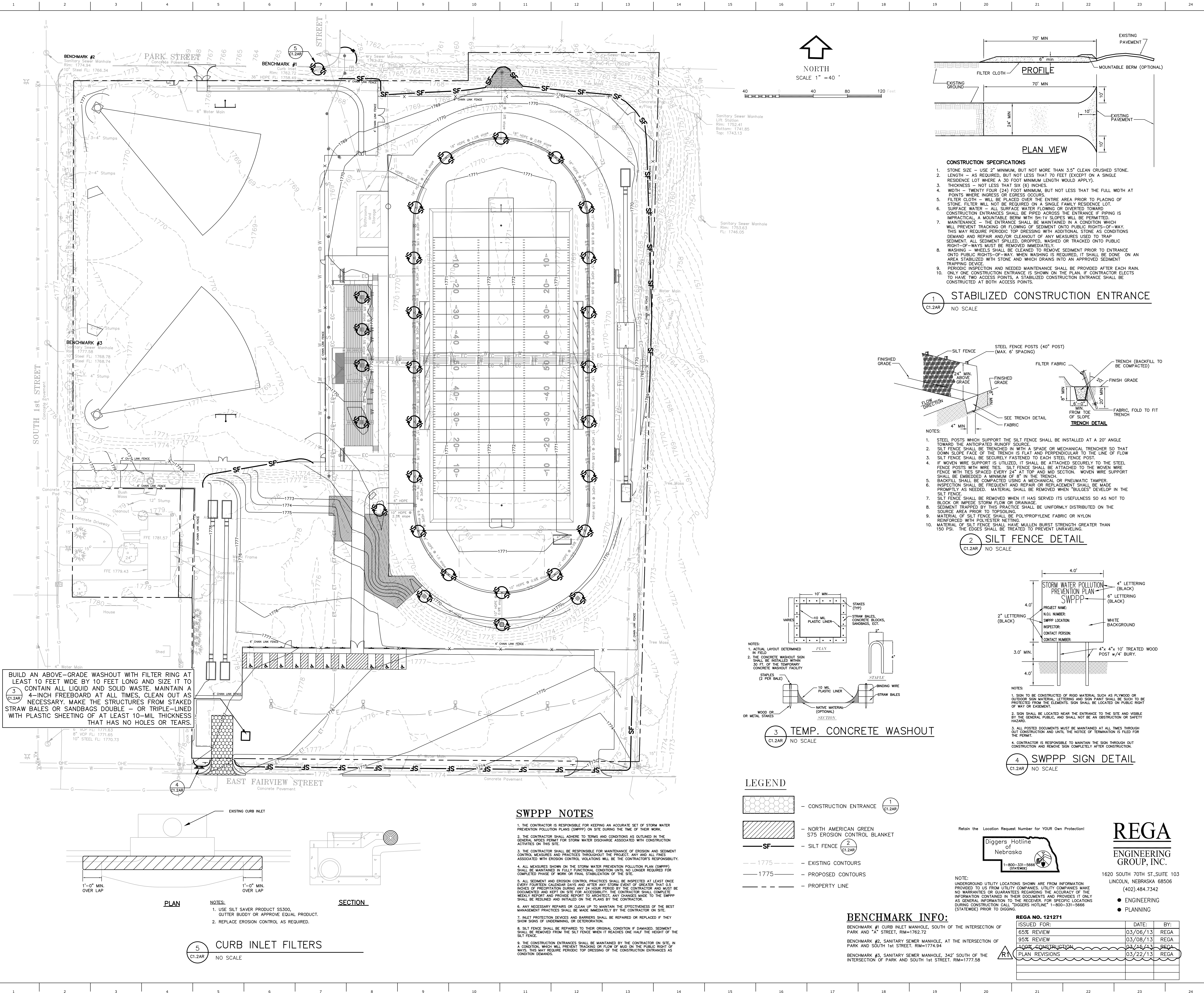
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- ENGINEERING
- PLANNING

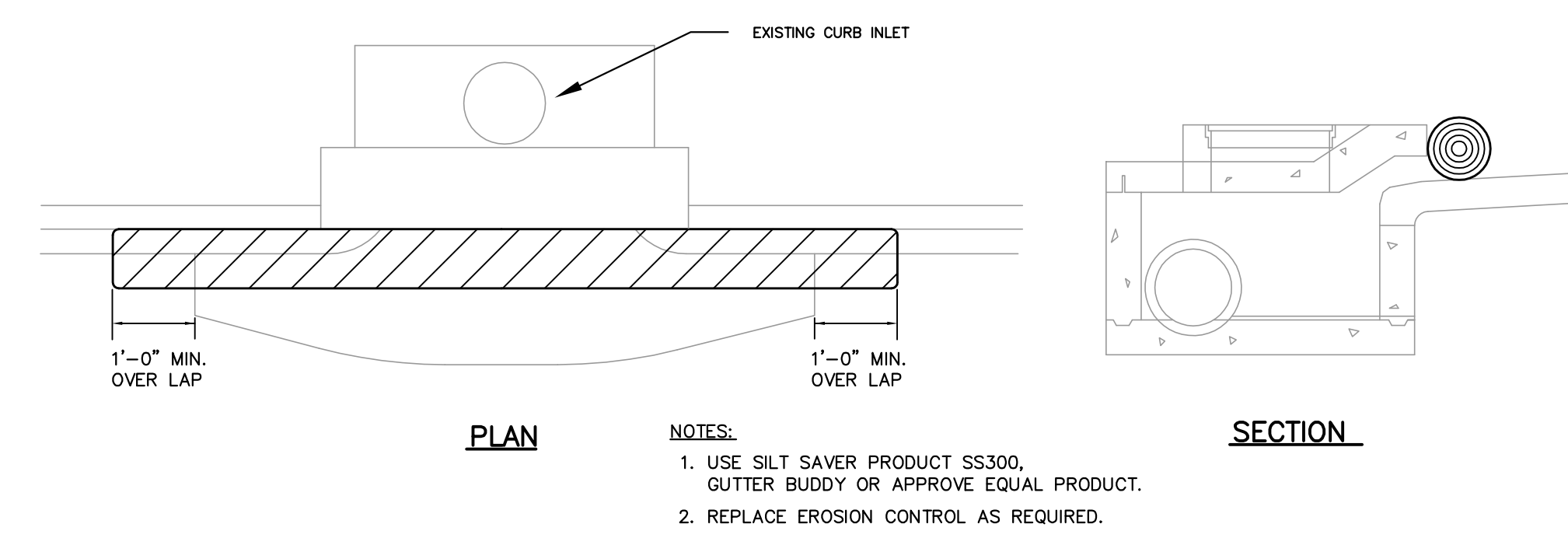
STORM WATER POLLUTION PREVENTION PLAN

ISSUED FOR: DATE: BY:
65% REVIEW 03/06/13 REGA
95% REVIEW 03/08/13 REGA
40% CONSTRUCTION 03/14/13 REGA
PLAN REVISIONS 03/22/13 REGA

C1.2R



3 BUILD AN ABOVE-GRADE WASHOUT WITH FILTER RING AT LEAST 10 FEET WIDE BY 10 FEET LONG AND SIZE IT TO CONTAIN ALL LIQUID AND SOLID WASTE. MAINTAIN A 4-INCH FREEBOARD AT ALL TIMES. CLEAN OUT AS NECESSARY. MAKE THE STRUCTURES FROM STAKED STRAW BALES OR SANDBAGS DOUBLE - OR TRIPLE-LINED WITH PLASTIC SHEETING OF AT LEAST 10-MIL THICKNESS THAT HAS NO HOLES OR TEARS.



5 CURB INLET FILTERS
NO SCALE

SWPPP NOTES

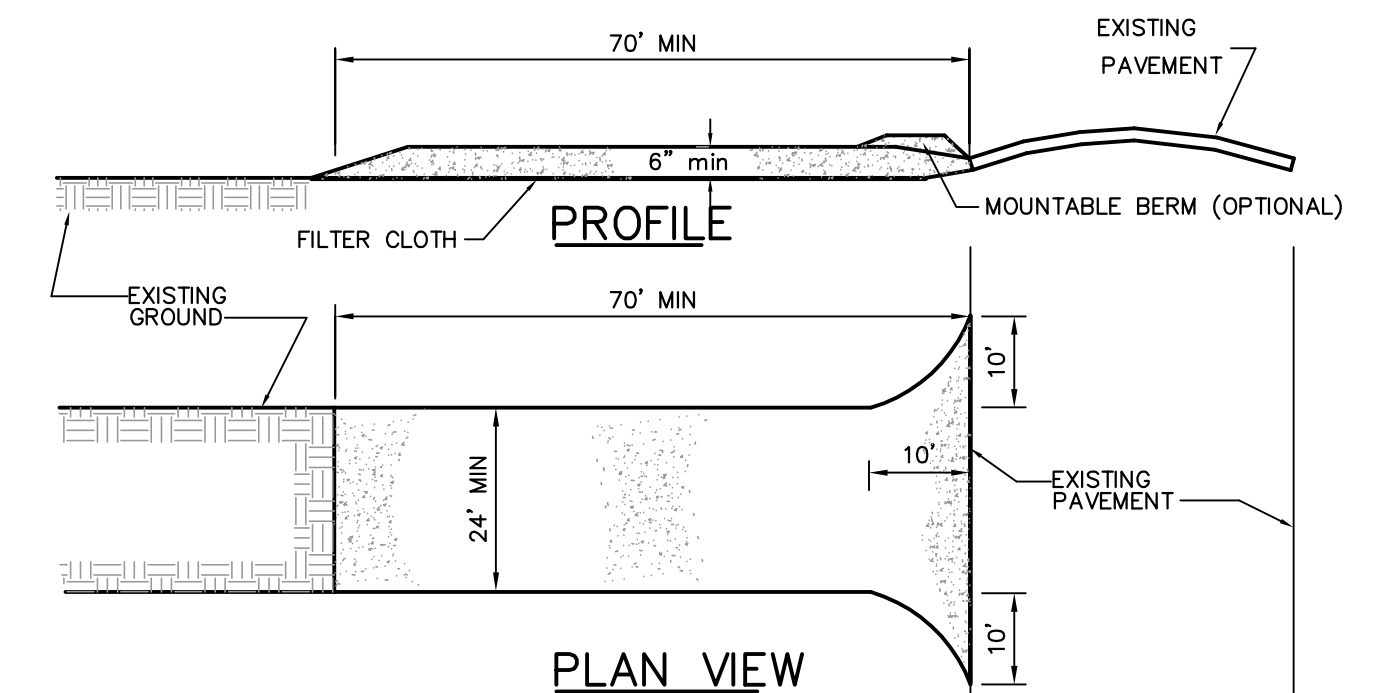
1. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING AN ACCURATE SET OF STORM WATER PREVENTION POLLUTION PLANS (SWPPP) ON SITE DURING THE TIME OF THEIR WORK.
2. THE CONTRACTOR SHALL ADHERE TO TERMS AND CONDITIONS AS OUTLINED IN THE GENERAL NOTES PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES ON THIS SITE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT. ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
4. ALL MEASURES SHOWN ON THE STORM WATER PREVENTION POLLUTION PLAN (SWPPP) SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE.
5. ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST ONCE EVERY FOURTEEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24 HOUR PERIOD BY THE CONTRACTOR AND MUST BE DOCUMENTED AND KEPT ON SITE FOR ACCESSIBILITY. THE CONTRACTOR SHALL COMPLETE WEEKLY REPORT AND PROVIDE REPORT TO ARCHITECT. ANY CHANGES MADE TO THE SWPPP SHALL BE REQUIRED AND INITIALED ON THE PLANS BY THE CONTRACTOR.
6. ANY NECESSARY REPAIRS OR CLEAN UP TO MAINTAIN THE EFFECTIVENESS OF THE BEST MANAGEMENT PRACTICES SHALL BE MADE IMMEDIATELY BY THE CONTRACTOR ON SITE.
7. SILT PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDOING, OR DETRIORATION.
8. SILT FENCE SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCE WHEN IT REACHES ONE HALF THE HEIGHT OF THE SILT FENCE.
9. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR ON SITE IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ON THE PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMANDS.

LEGEND

- CONSTRUCTION ENTRANCE
- NORTH AMERICAN GREEN S75 EROSION CONTROL BLANKET
- SILT FENCE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPERTY LINE

BENCHMARK INFO:

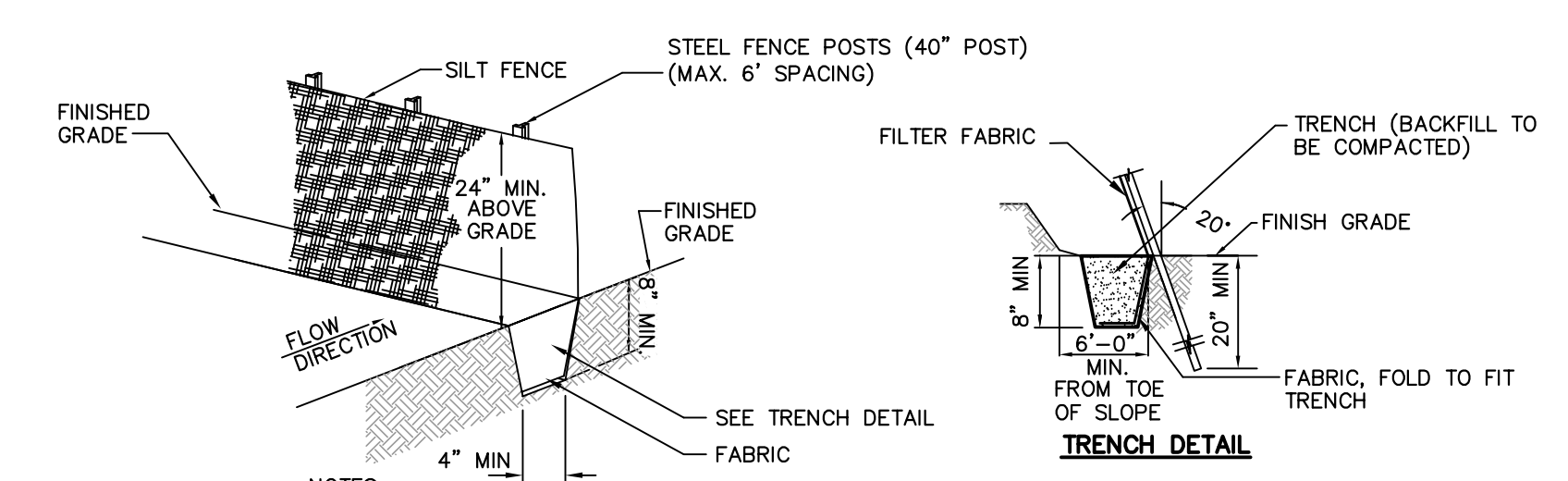
BENCHMARK #1 CURB INLET MANHOLE, SOUTH OF THE INTERSECTION OF PARK AND "A" STREET, RIM=1762.72
 BENCHMARK #2, SANITARY SEWER MANHOLE, AT THE INTERSECTION OF PARK AND SOUTH 1st STREET, RIM=1774.94
 BENCHMARK #3, SANITARY SEWER MANHOLE, 342' SOUTH OF THE INTERSECTION OF PARK AND SOUTH 1st STREET, RIM=1777.58



CONSTRUCTION SPECIFICATIONS

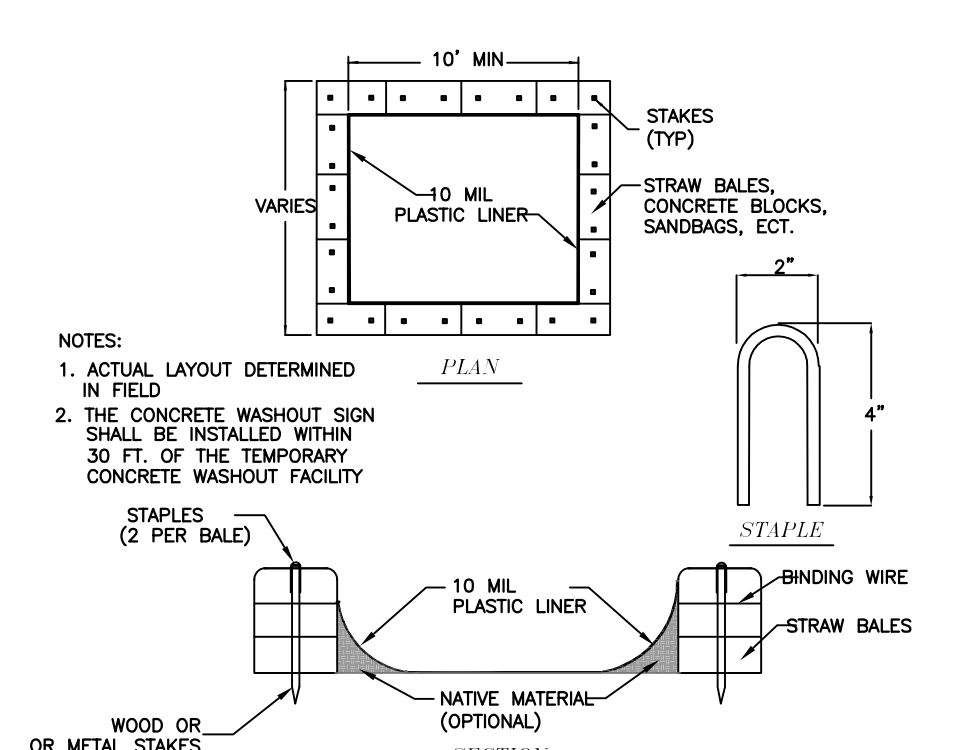
1. STONE SIZE - USE 2" MINIMUM, BUT NOT MORE THAN 3.5" CLEAN CRUSHED STONE.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 70 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWENTY FOUR (24) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 V SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
10. ONLY ONE CONSTRUCTION ENTRANCE IS SHOWN ON THE PLAN. IF CONTRACTOR ELECTS TO HAVE TWO ACCESS POINTS, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT BOTH ACCESS POINTS.

1 STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

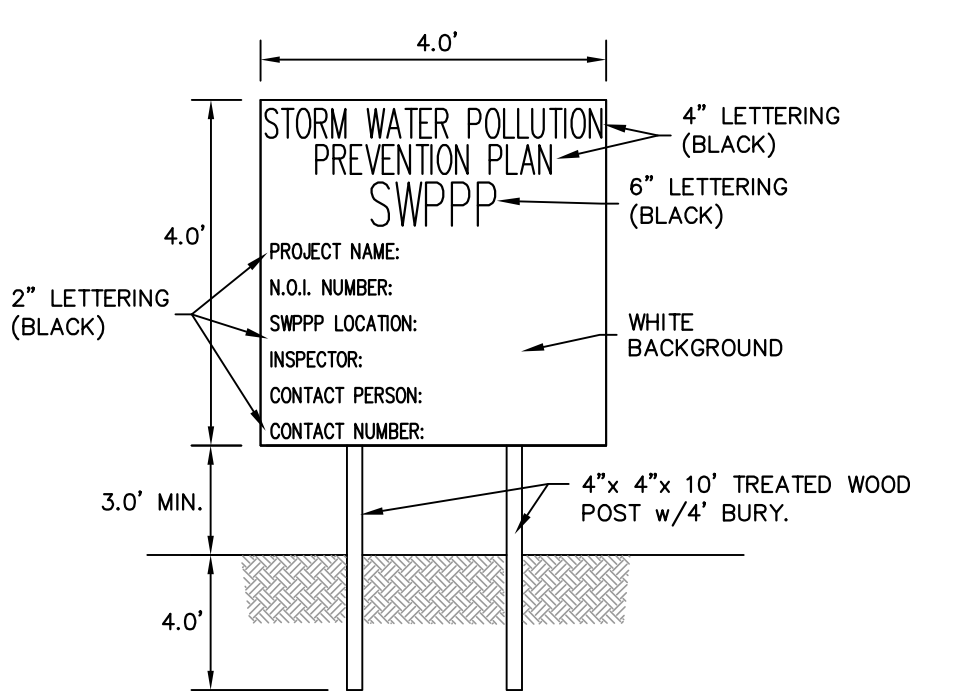


1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED AT A 20° ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
2. SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER SO THAT DOWN SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
3. SILT FENCE SHALL BE SECURELY FASTENED TO EACH STEEL FENCE POST.
4. IF WOVEN WIRE SUPPORT IS UTILIZED, IT SHALL BE ATTACHED SECURELY TO THE STEEL FENCE POSTS WITH WIRE TIES. SILT FENCE SHALL BE ATTACHED TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>
- 5. BACKFILL SHALL BE COMPACTED USING A MECHANICAL OR PNEUMATIC TAMPER.
- 6. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- 7. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS SO AS NOT TO BLOCK OR IMPAIR FLOW OR DRAINAGE.
- 8. SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE UNIFORMLY DISTRIBUTED ON THE SOURCE AREA PRIOR TO TOPSOILING.
- 9. MATERIAL OF SILT FENCE SHALL BE POLYPROPYLENE FABRIC OR NYLON REINFORCED WITH POLYESTER NETTING.
- 10. MATERIAL OF SILT FENCE SHALL HAVE MULLEN BURST STRENGTH GREATER THAN 150 PSI. THE EDGES SHALL BE TREATED TO PREVENT UNRAVELING.

2 SILT FENCE DETAIL
NO SCALE



3 TEMP. CONCRETE WASHOUT
NO SCALE



1. SIGN TO BE CONSTRUCTED OF RIGID MATERIAL SUCH AS PLYWOOD OR ALUMINUM MATERIAL. LETTERING AND SIGN PAINT SHALL BE SUCH TO BE PROTECTED FROM THE ELEMENTS. SIGN SHALL BE LOCATED ON PUBLIC RIGHT OF WAY OR EASEMENT.
2. SIGN SHALL BE LOCATED NEAR THE ENTRANCE TO THE SITE AND VISIBLE BY THE GENERAL PUBLIC, AND SHALL NOT BE AN OBSTRUCTION OR SAFETY HAZARD.
3. ALL POSTED DOCUMENTS MUST BE MAINTAINED AT ALL TIMES THROUGH OUT CONSTRUCTION AND UNTIL THE NOTICE OF TERMINATION IS FILED FOR THE PERMIT.
4. CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE SIGN THROUGH OUT CONSTRUCTION AND REMOVE SIGN COMPLETELY AFTER CONSTRUCTION.

4 SWPPP SIGN DETAIL
NO SCALE



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REVISIONS SCHEDULE

MARK	DATE	DESCRIPTION

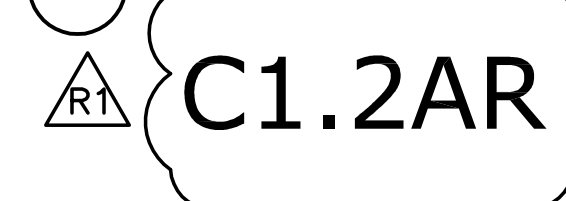
BOONE CENTRAL HIGH SCHOOL TRACK AND FOOTBALL FIELD RENOVATION

PROJECT: L13015 DATE: 03-2013
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STORM WATER POLLUTION PREVENTION PLAN SOD FIELD TURF (ALTERNATE BID)

Project No: C1.2AR



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 • ENGINEERING
 • PLANNING

REGA NO. 121271

ISSUED FOR:	DATE:	BY:
65% REVIEW	03/06/13	REGA
95% REVIEW	03/08/13	REGA
100% CONSTRUCTION	03/21/13	REGA
PLAN REVISIONS	03/22/13	REGA

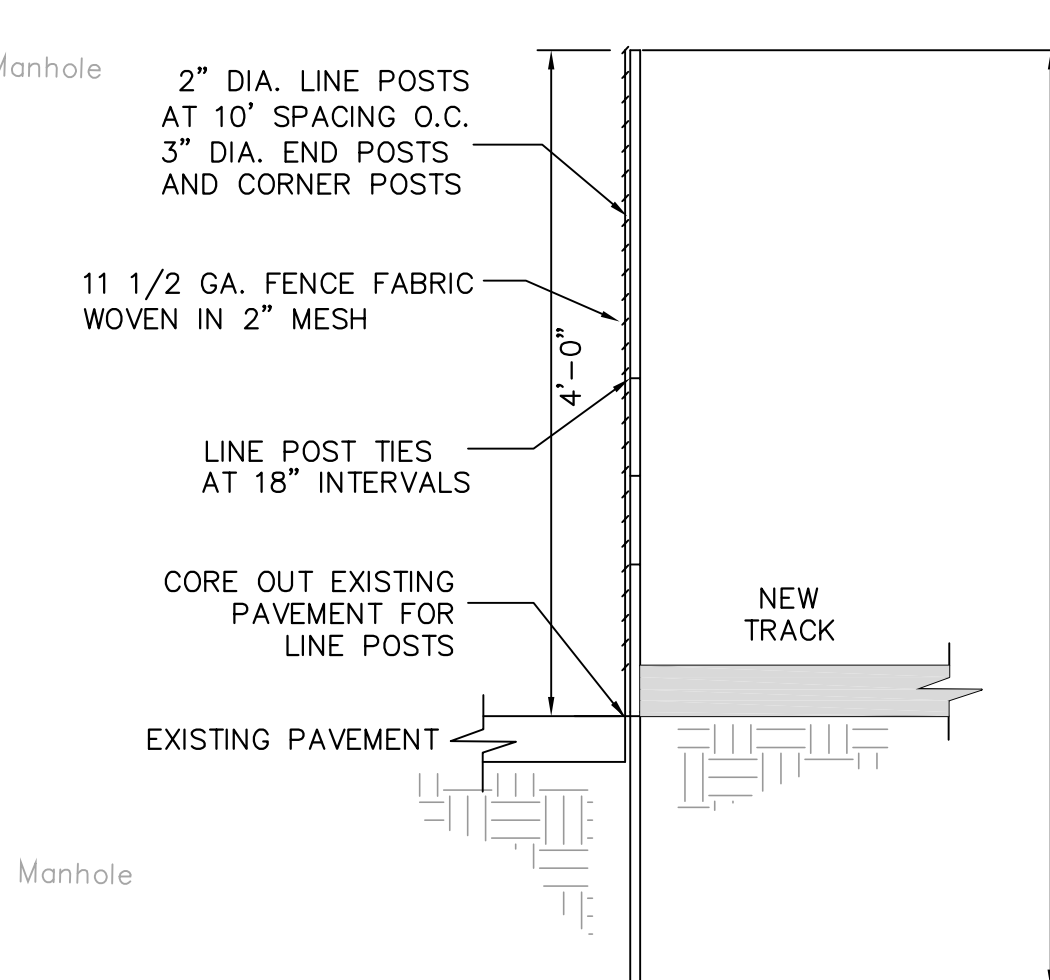


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NORTH
SCALE 1" = 30'



1 C1.4R 4' TEMPORARY CHAIN LINK FENCE
NO SCALE

GRAVEL PARKING LOT NOTES

CONTRACTOR SHALL REMOVE THE EXISTING GRASS INCLUDING 6" OF ROOT CROWN FROM THE PROPOSED PARKING LOT AND REMOVE THIS MATERIAL FROM THE SITE.

THE CONTRACTOR SHALL GRADE THE ENTIRE PARKING LOT AS SHOWN TO OBTAIN POSITIVE DRAINAGE. UNSATURABLE AREAS SHALL BE IMPROVED BY SCARIFICATION AND RECOMPACTION ADDING WATER AS REQUIRED BY UNDERCUTTING AND PLACEMENT WITH STRUCTURAL FILL. PROPPROLLING SHALL BE ACCOMPLISHED WITH A SHEEPSFOOT ROLLER.

CRUSHED ROCK SHALL BE EITHER LIMESTONE OR DOLOMITE AND SHALL CONSIST OF CLEAN, HARD, TOUGH AND DURABLE FRAGMENTS (EXCLUDING SLAG, SHALE OR SLATE) OF UNIFORM QUALITY THROUGHOUT AND SHALL BE FREE FROM THIN, SOFT, OR ELONGATED PIECES, DISINTEGRATED STONE, DIRT, ORGANIC OR OTHER DELETERIOUS MATERIAL OCCURRING FREE OR AS A COATING ON THE ROCK.

CRUSHED ROCK GRADATION:
THE NEW IMPORTED FROM OFF SITE CRUSHED ROCK SHALL BE SCREENED AFTER CRUSHING TO REMOVE EXCESSIVE FINES AND SHALL BE SO GRADED AS TO MEET THE FOLLOWING REQUIREMENTS:

SI-EVE SIZE	PERCENT PASSING
1-1/2"	94-100
3/4"	0-10

IMMEDIATELY AFTER THE COMPLETION OF THE GRADING OF THE PARKING LOT, THE NEW IMPORTED CRUSHED ROCK MATERIAL SHALL BE PLACED UNIFORMLY AT A DEPTH OF 3 INCHES. THE CONTRACTOR SHALL IMMEDIATELY BY SCARIFICATION OF THE CRUSHED ROCK AND SUBGRADE PRODUCE A UNIFORM SOIL-ROCK MIXTURE SIX INCHES IN DEPTH. THE MIXTURE SHALL BE SPREAD INTO A UNIFORM LAYER AND COMPACTED USING A SHEEPSFOOT ROLLER AND WATER AS NEEDED FOR COMPACTION.

GRAVEL GRADATION:
THE NEW IMPORTED FROM OFF SITE GRAVEL SHALL BE DURABLE PARTICLES OF STONE AND SAND AND SHALL BE SO GRADED AS TO MEET THE FOLLOWING REQUIREMENTS:

SI-EVE SIZE	PERCENT PASSING
#4	100
#10	61-95
#200	0-30
	0-6

USING THE NEW IMPORTED GRAVEL MATERIAL, THE CONTRACTOR SHALL THEN PLACE A MAXIMUM OF 2 INCH THICK ROCK MATERIAL UNIFORMLY SPREAD OVER THE PARKING LOT, FOLLOWED IMMEDIATELY BY COMPACTION USING A SMOOTH VIBRATORY DRUM ROLLER AND WATER AS REQUIRED.

THE SITE SHALL BE INSPECTED BY THE ENGINEER FOR APPROVAL AND ACCEPTANCE.

LEGEND

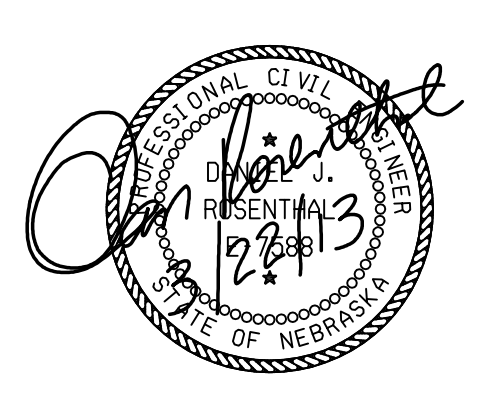
- 6" CONCRETE PAVEMENT (2 C2.1)
- GRAVEL PARKING LOT (SEE GRAVEL NOTES THIS SHEET)
- 4" CONCRETE PAVEMENT (5 C2.0)
- SYNTHETIC FIELD TURF (1 C2.0)
- POST TENSION CONCRETE w/1/2" RUNNING TRACK SURFACE (2 C2.2)
- 5" CONCRETE PAVEMENT (5 C2.0) (ALTERNATE BID)
- CHAINLINK FENCE PLAN SHEET C2.4
- PROPERTY LINE

REVISIONS SCHEDULE

MARK	DATE	DESCRIPTION

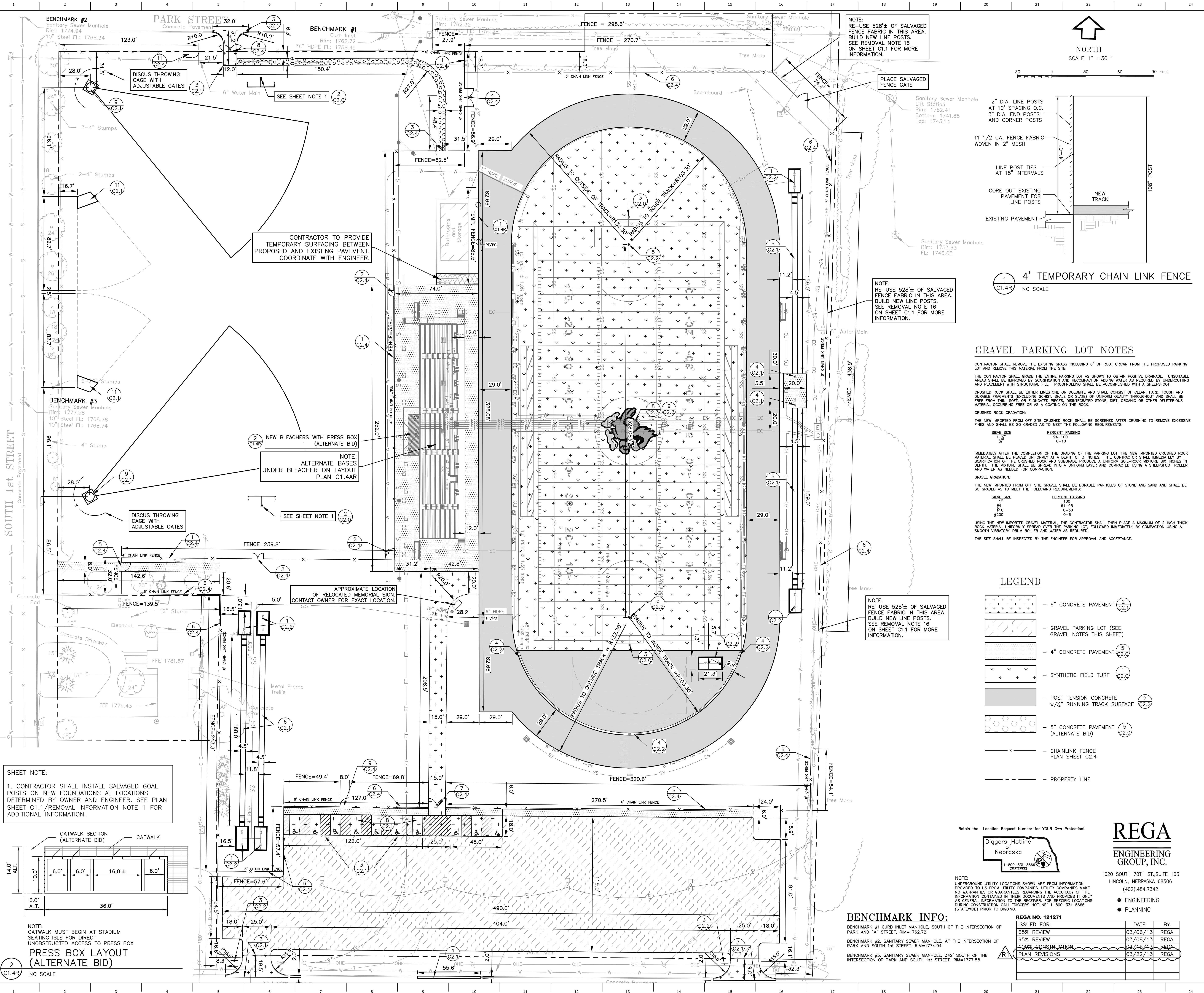
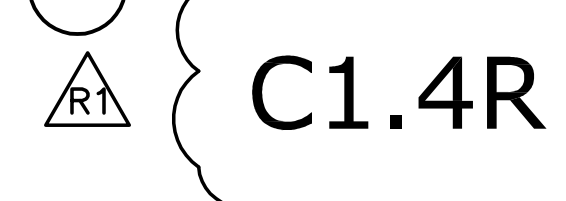
BOONE CENTRAL HIGH SCHOOL TRACK AND FOOTBALL FIELD RENOVATION

PROJECT: L13015 DATE: 03-2013
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LAYOUT PLAN

Project North



NOTE:
RE-USE 528'± OF SALVAGED FENCE FABRIC IN THIS AREA. BUILD NEW LINE POSTS. SEE REMOVAL NOTE 16 ON SHEET C1.1 FOR MORE INFORMATION.

NOTE:
RE-USE 528'± OF SALVAGED FENCE FABRIC IN THIS AREA. BUILD NEW LINE POSTS. SEE REMOVAL NOTE 16 ON SHEET C1.1 FOR MORE INFORMATION.

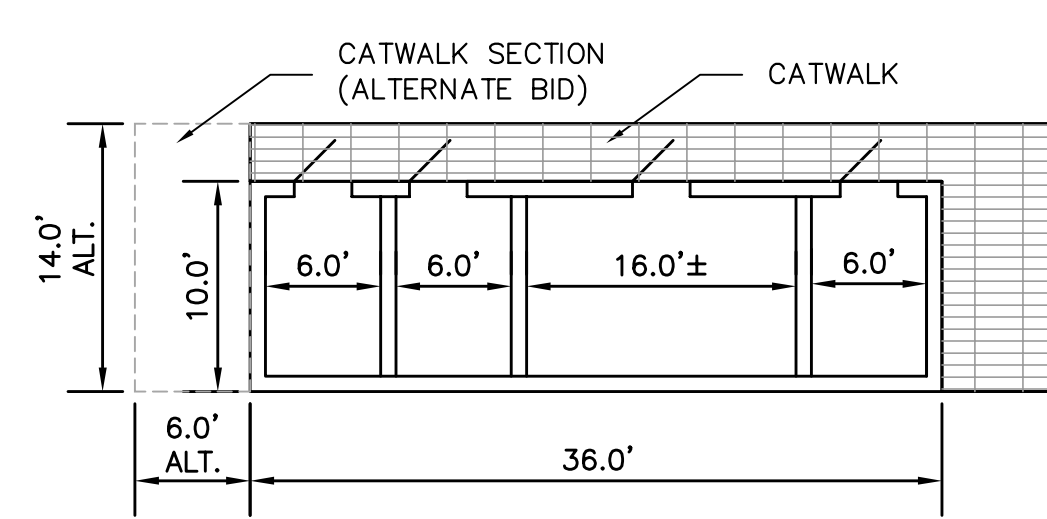
NOTE:
RE-USE 528'± OF SALVAGED FENCE FABRIC IN THIS AREA. BUILD NEW LINE POSTS. SEE REMOVAL NOTE 16 ON SHEET C1.1 FOR MORE INFORMATION.

CONTRACTOR TO PROVIDE TEMPORARY SURFACING BETWEEN PROPOSED AND EXISTING PAVEMENT. COORDINATE WITH ENGINEER.

NEW BLEACHERS WITH PRESS BOX (ALTERNATE BID)
NOTE: ALTERNATE BASES UNDER BLEACHER ON LAYOUT PLAN C1.4AR

APPROXIMATE LOCATION OF RELOCATED MEMORIAL SIGN. CONTACT OWNER FOR EXACT LOCATION.

SHEET NOTE:
1. CONTRACTOR SHALL INSTALL SALVAGED GOAL POSTS ON NEW FOUNDATIONS AT LOCATIONS DETERMINED BY OWNER AND ENGINEER. SEE PLAN SHEET C1.1/REMOVAL INFORMATION NOTE 1 FOR ADDITIONAL INFORMATION.



NOTE:
CATWALK MUST BEGIN AT STADIUM SEATING ISLE FOR DIRECT UNOBSTRUCTED ACCESS TO PRESS BOX
PRESS BOX LAYOUT (ALTERNATE BID)
NO SCALE

BENCHMARK INFO:

BENCHMARK #1 CURB INLET MANHOLE, SOUTH OF THE INTERSECTION OF PARK AND "A" STREET, RIM=1762.72
BENCHMARK #2, SANITARY SEWER MANHOLE, AT THE INTERSECTION OF PARK AND SOUTH 1st STREET, RIM=1774.94
BENCHMARK #3, SANITARY SEWER MANHOLE, 342' SOUTH OF THE INTERSECTION OF PARK AND SOUTH 1st STREET, RIM=1777.58

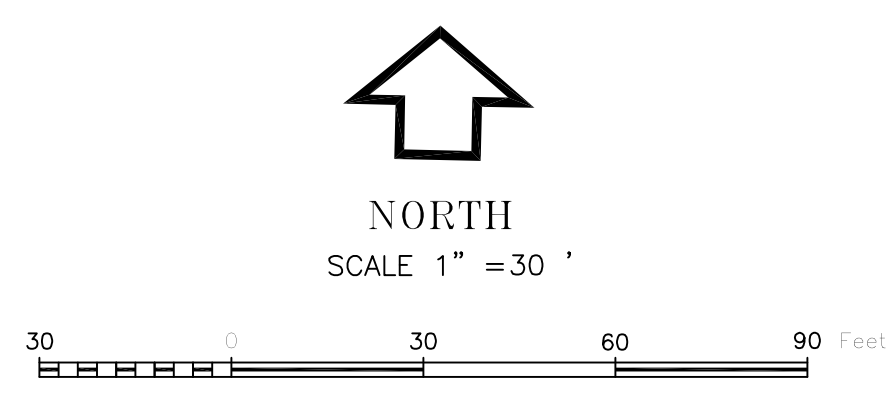
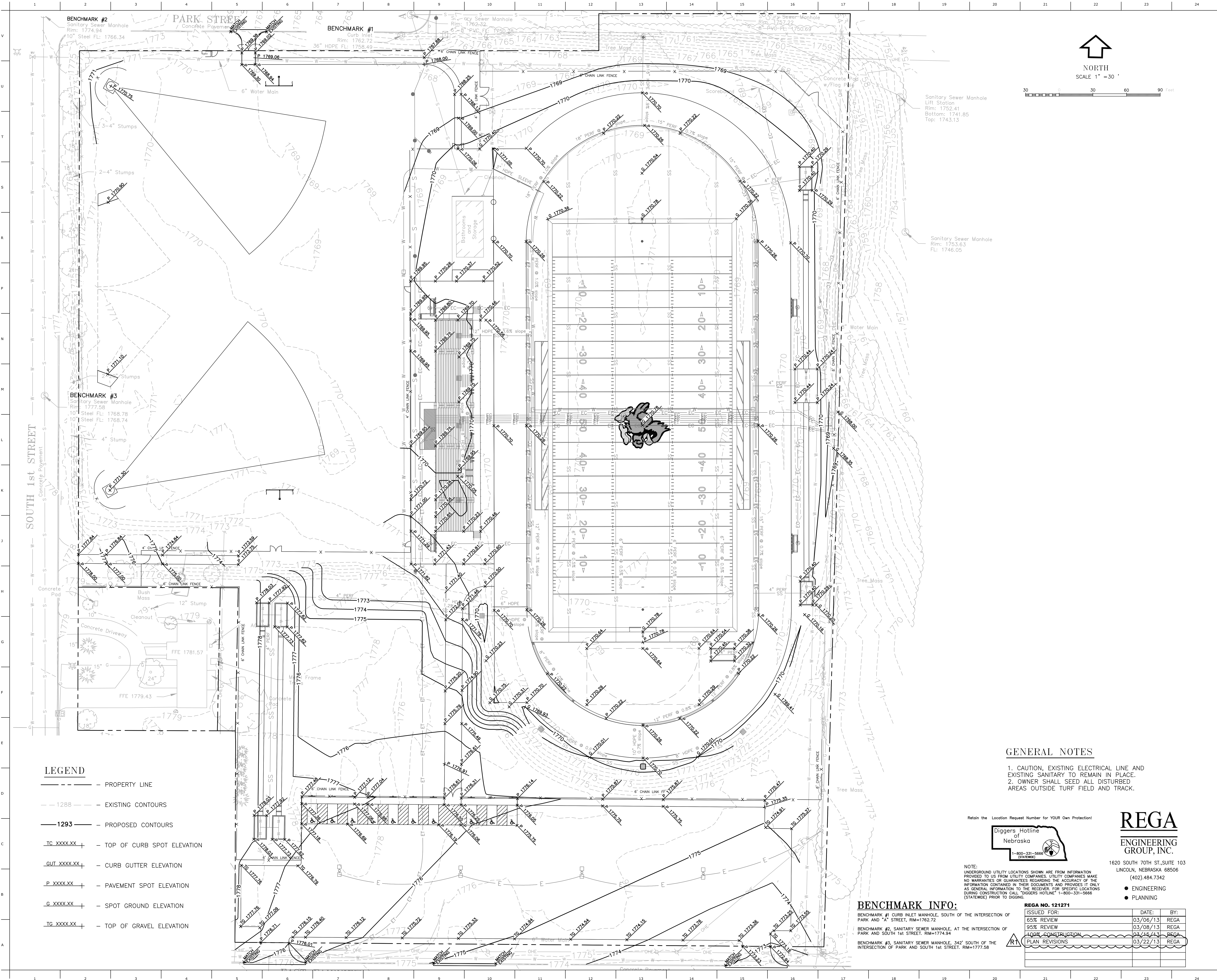
REGA NO. 121271

ISSUED FOR:	DATE:	BY:
65% REVIEW	03/06/13	REGA
95% REVIEW	03/08/13	REGA
AS-BUILT CONSTRUCTION	03/14/13	REGA
PLAN REVISIONS	03/22/13	REGA

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REVISIONS SCHEDULE		
MARK	DATE	DESCRIPTION

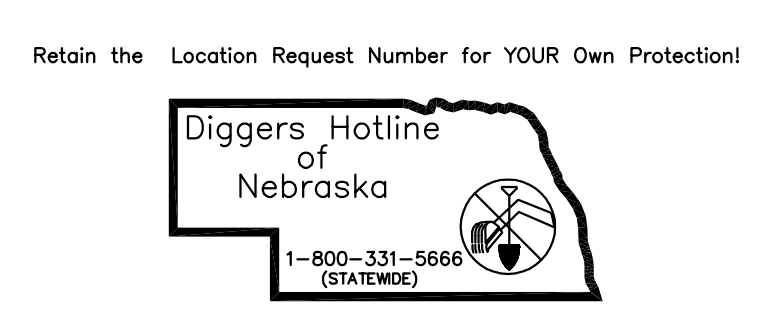
BOONE CENTRAL HIGH SCHOOL TRACK AND FOOTBALL FIELD RENOVATION

PROJECT: L13015 DATE: 03-2013
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- LEGEND**
- PROPERTY LINE
 - - - 1288 --- EXISTING CONTOURS
 - 1293 — PROPOSED CONTOURS
 - TC XXXX.XX - TOP OF CURB SPOT ELEVATION
 - GUT XXXX.XX - CURB GUTTER ELEVATION
 - P XXXX.XX - PAVEMENT SPOT ELEVATION
 - G XXXX.XX - SPOT GROUND ELEVATION
 - TG XXXX.XX - TOP OF GRAVEL ELEVATION

GENERAL NOTES

1. CAUTION, EXISTING ELECTRICAL LINE AND EXISTING SANITARY TO REMAIN IN PLACE.
2. OWNER SHALL SEED ALL DISTURBED AREAS OUTSIDE TURF FIELD TRACK.



NOTE: UNDERGROUND UTILITY LOCATIONS SHOWN ARE FROM INFORMATION PROVIDED TO US FROM UTILITY COMPANIES. UTILITY COMPANIES MAKE NO WARRANTIES OR GUARANTEES REGARDING THE ACCURACY OF THE INFORMATION CONTAINED IN THEIR DOCUMENTS AND PROVIDES IT ONLY AS GENERAL INFORMATION TO THE RECEIVER. FOR SPECIFIC LOCATIONS DURING CONSTRUCTION CALL "DIGGERS HOTLINE" 1-800-331-5666 (STATEWIDE) PRIOR TO DIGGING.

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BENCHMARK INFO:

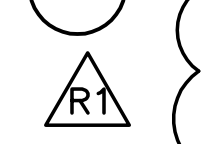
BENCHMARK #1 CURB INLET MANHOLE, SOUTH OF THE INTERSECTION OF PARK AND "A" STREET, RIM=1762.72
 BENCHMARK #2, SANITARY SEWER MANHOLE, AT THE INTERSECTION OF PARK AND SOUTH 1st STREET, RIM=1774.94
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REGA NO. 121271

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95% REVIEW	03/08/13	REGA
100% CONSTRUCTION	03/24/13	REGA
PLAN REVISIONS	03/22/13	REGA

GRADING PLAN

Project North



C1.5R

PARK STREET
Concrete Pavement

ELECTRICAL NOTES:

- A. CONTRACTOR SHALL INSTALL 2 NEW 1" BLANK ELECTRICAL CONDUITS WITH PULL STRING FROM PULL BOX 1 TO PULL BOX 2 AND CAP BOX ENDS. FUTURE CONNECTIONS BY OWNER.
- B. CONTRACTOR SHALL INSTALL 2 NEW 1" BLANK ELECTRICAL CONDUITS WITH PULL STRING FROM PULL BOX 2 TO PULL BOX 3 AND CAP BOX ENDS. FUTURE CONNECTIONS BY OWNER.
- C. CONTRACTOR SHALL INSTALL 2 NEW 1" BLANK ELECTRICAL CONDUITS WITH PULL STRING FROM PULL BOX 4 TO PULL BOX 5 AND CAP BOX ENDS. FUTURE CONNECTIONS BY OWNER.
- D. CONTRACTOR SHALL INSTALL 2 NEW 1" BLANK ELECTRICAL CONDUITS WITH PULL STRING FROM PULL BOX 5 TO PULL BOX 6 AND CAP BOX ENDS. FUTURE CONNECTIONS BY OWNER.
- E. CONTRACTOR SHALL INSTALL 4 NEW 1" BLANK ELECTRICAL CONDUITS WITH PULL STRING FROM PULL BOX 2 TO PULL BOX 3 AND CAP BOX ENDS. FUTURE CONNECTIONS BY OWNER.
- F. CONTRACTOR SHALL INSTALL 4 NEW 1" BLANK ELECTRICAL CONDUITS WITH PULL STRING FROM PULL BOX 4 TO PULL BOX 5 AND CAP BOX ENDS. FUTURE CONNECTIONS BY OWNER.
- G. CONTRACTOR SHALL INSTALL 1 NEW 1-1/2" BLANK ELECTRICAL CONDUIT WITH PULL STRING FROM PRESS BOX TO EXISTING SCOREBOARD. TERMINATE ELECTRICAL CONDUIT 4 FEET ABOVE THE EAST COLUMN OF THE SCOREBOARD AND CAP. FUTURE CONNECTIONS BY OWNER.
- H. CONTRACTOR SHALL INSTALL 1 NEW 1-1/2" ELECTRICAL CONDUIT WITH CONDUCTORS FROM NW LIGHT POLE TO FIELD LIGHTING CONTROL CABINET.
- I. CONTRACTOR SHALL INSTALL 1 NEW 1-1/2" ELECTRICAL CONDUIT WITH CONDUCTORS FROM SW LIGHT POLE TO FIELD LIGHTING CONTROL CABINET.
- J. CONTRACTOR SHALL INSTALL 1 NEW 1-1/2" ELECTRICAL CONDUIT WITH CONDUCTORS FROM NE LIGHT POLE TO FIELD LIGHTING CONTROL CABINET.
- K. CONTRACTOR SHALL INSTALL 1 NEW 1-1/2" ELECTRICAL CONDUIT WITH CONDUCTORS FROM SE LIGHT POLE TO FIELD LIGHTING CONTROL CABINET.
- L. CONTRACTOR SHALL INSTALL 1 NEW 2" ELECTRICAL CONDUIT WITH CONDUCTORS FROM ELECTRICAL SERVICE LOCATION TO ELECTRICAL DISTRIBUTION PANEL.
- M. CONTRACTOR SHALL INSTALL NEW 3" BLANK ELECTRICAL CONDUIT WITH PULL STRING FROM LOCATIONS AS SHOWN ON THE PLANS TERMINATING IN PULL BOX 7. PLACE A #5 REBAR AT LOCATION TERMINATED UNDERGROUND AS SHOWN ON THE PLANS. FUTURE CONNECTIONS BY OWNER. (ALTERNATE BID ITEM)
- N. CONTRACTOR SHALL INSTALL NEW 3" BLANK ELECTRICAL CONDUIT WITH PULL STRING FROM PULL BOX 7 AND TERMINATE IN PRESS BOX. FUTURE CONNECTIONS BY OWNER. (ALTERNATE BID ITEM)
- O. CONTRACTOR SHALL INSTALL NEW 1-1/2" BLANK ELECTRICAL CONDUIT WITH PULL STRING FROM 3 FEET ABOVE GROUND AT WOODEN POLE AND TERMINATE AT PRESS BOX FOR FUTURE TELEPHONE AND INTERNET CONNECTIONS BY OWNER.

UTILITY NOTES:

1. CONTRACTOR SHALL PROVIDE ALL BENDS, TEES, ELBOW, BACKING BLOCKS AND CORPORATION STOPS AS REQUIRED BY LOCAL CODES TO PROVIDE A FULLY FUNCTIONAL WATER SUPPLY SYSTEM WHETHER SHOWN ON THE DRAWINGS OR NOT. ALL WATER SUPPLY FITTINGS SHALL BE SUPPLIED, INSTALLED AND LOCATED IN ACCORDANCE WITH THE "TEN STATE STANDARDS" AND LOCAL CODES GOVERNING CONSTRUCTION. ADJUST FITTURE LOCATION AS REQUIRED TO MEET CODE REQUIREMENTS. THE CONTRACTOR SHALL CONTACT THE ALBION WATER SYSTEM FOR ITEMS PROVIDED BY THEM.
2. DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPES OR FITTINGS AND ARE FROM PROPERTY LINES, CENTERLINES OF DRIVEWAY, BACK OF CURBS, EDGES OF SIDEWALKS OR FACES OF WALLS.
3. UTILITY CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THE SYSTEM PRIOR TO INSTALLATION.
4. UNLESS OTHERWISE NOTED, ALL CONDUITS AND CONDUCTORS ARE TO BE SIZED AND SUPPLIED BY CONTRACTOR.
5. THE "TEN STATE STANDARDS" SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF ALBION STANDARD SPECIFICATIONS FOR MUNICIPAL CONSTRUCTION.
6. CONCRETE FOR MANHOLES SHALL BE 4000 PSI AS PER THE CITY OF ALBION STANDARD SPECIFICATIONS.
7. CAUTION, EXISTING ELECTRICAL LINE TO REMAIN IN PLACE.
8. UNLESS OTHERWISE NOTED, ALL CONDUITS AND CONDUCTORS ARE TO BE SIZED AND SUPPLIED BY CONTRACTOR.
9. CONTRACTOR SHALL PROVIDE ALL BENDS, TEES, ELBOW, BACKING BLOCKS AND CORPORATION STOPS AS REQUIRED BY LOCAL CODES TO PROVIDE A FULLY FUNCTIONAL WATER SUPPLY SYSTEM WHETHER SHOWN ON THE DRAWINGS OR NOT. ALL WATER SUPPLY FITTINGS SHALL BE SUPPLIED, INSTALLED AND LOCATED IN ACCORDANCE WITH THE "TEN STATE STANDARDS" AND LOCAL CODES GOVERNING CONSTRUCTION. ADJUST FITTURE LOCATION AS REQUIRED TO MEET CODE REQUIREMENTS. THE CONTRACTOR SHALL CONTACT THE ALBION WATER SYSTEM FOR ITEMS PROVIDED BY THEM.
10. PIPE AND FITTINGS 3" AND SMALLER TO BE EITHER PVC SCHEDULE 40W/SOLVENT WELD JOINTS OR HDPE.
11. ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 5'-0" ABOVE TOP OF PIPE.
12. BED ALL WATER LINES AS SHOWN ON SHEET 10/C2.1
13. ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED BEFORE ACCEPTANCE.
14. UTILITY CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THE SYSTEM PRIOR TO INSTALLATION.
15. SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF ALBION STANDARD SPECIFICATIONS FOR MUNICIPAL CONSTRUCTION.
16. THE "TEN STATE STANDARDS" FOR SEWER AND WATER SEPARATION SHALL BE CONFORMED TO.
17. CONCRETE FOR MANHOLES SHALL BE 3500 PSI.
18. ALL CONDUIT WITHOUT CONDUCTORS SHALL HAVE PULL STRING AND CAPPED BOTH ENDS.

PARKING LOT LIGHTING NOTES:

1. A 72 HOUR BURN IS NOT REQUIRED ON INSTALLATIONS USING HPS LUMINAIRES.
2. ALL CONNECTIONS IN PULL BOXES WILL BE MADE USING SUBMERSIBLE SECONDARY CONNECTORS MEETING ANSI C119.1.
3. ELECTRICAL CONNECTIONS IN POLE BASE SHALL BE MADE USING UL APPROVED, ABOVE GROUND, MULTI-CABLE, ALLEN HEAD SET SCREW, CONNECTOR BLOCKS FULLY ENCAPSULATED WITH PREFORMED INSULATING COVERS. COMPRESSION TAPS AND TAPING WILL NOT BE ALLOWED. THE CONNECTOR BLOCK MUST CONTAIN THE CORRECT NUMBER OF CABLE ENTRANCES TO ALLOW ONE CONDUCTOR PER CABLE AND MUST BE RATED FOR THE SIZE(S) AND TYPE(S) OF CABLE BEING USED. ANTI-OXIDATION COMPOUND SHALL BE USED AND PROPER PROCEDURES FOLLOWED. THE ELECTRICAL CONNECTION, WHEN COMPLETE, SHALL BE FULLY INSULATED TO PREVENT ACCIDENTAL CONTACT WITH LIVE COMPONENTS.
4. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE BONDED:
 - (A) TO ALL POLES.
 - (B) AT ALL CONTROL CENTER SERVICE LOCATIONS.
 - (C) TO ALL METALLIC NONCURRENT CARRYING COMPONENTS.
 - (D) TO ALL GROUND RODS.
5. IN PULL BOXES, POLE BASES, JUNCTION BOXES AND CONTROL CABINETS, THE DIRECTION OF EACH CABLE RUN SHALL BE INDICATED BY ATTACHING A PERMANENT TAG OF RIGID PLASTIC OR NON-FERROUS METAL TO THE CONDUIT. TAGS SHALL BE EMBOSSED, STAMPED OR ENGRAVED WITH LETTERS 1/2" OR GREATER IN HEIGHT AND SECURED TO THE CONDUIT WITH NYLON OR PLASTIC TIES. IN INSTANCES WHERE THE CONDUIT OR CONDUIT ENTRIES ARE NOT VISIBLE OR ACCESSIBLE, A DIRECTION TAG SHALL BE ATTACHED TO EACH CABLE.
6. CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS*
7. ALL METALLIC AND NONMETALLIC CONDUIT SHALL BEAR THE U.L. LABEL.
8. UNLESS INDICATED OTHERWISE IN THE PLANS:
 - (A) CONDUIT PLACED IN TRENCH OR UNDER THE ROADWAY SHALL BE NONMETALLIC AND OF THE FOLLOWING TYPES AS DEFINED IN THE SPECIFICATIONS: PVC, FPE, OIL OR HDPE.
 - (B) NONMETALLIC CONDUIT SURFACED MOUNTED ON STRUCTURES OR USED AS RISERS SHALL BE SCHEDULE 80 PVC.
 - (C) METALLIC CONDUIT WHEN USED SHALL BE TYPE GRS OR IMC.
 - (D) GALVANIZED INTERMEDIATE METAL CONDUIT (IMC) MAY BE USED IN LIEU OF GALVANIZED RIGID STEEL CONDUIT (GRS).
 - (E) CONDUIT PLACED IN GROUND SHALL HAVE A MINIMUM EARTH COVER OF 30" UNLESS INDICATED OTHERWISE.
 - (F) ALL UNDERGROUND CONDUIT BACKWAYS TERMINATING IN PULL BOXES, LIGHT POLE BASES, LIGHTING CONTROL CENTER CABINETS OR OTHER IN GROUND OR GROUND MOUNTED ENCLOSURES, SHALL ENTER THE ENCLOSURE VERTICAL TO THE EXISTING SURFACE. ALL CONDUIT ENDS SHALL BE EQUIPPED WITH BELLS OR BUSHINGS TO PROTECT THE CABLE THEY CARRY FROM CHAFING OR ABRASION.
9. JACKED CONDUIT MAY BE EITHER METALLIC OR NONMETALLIC.
10. TRENCHING SHALL BE KEPT A MINIMUM OF 5 FT. FROM THE TRUNK OF EXISTING TREES. JACKING MAY BE REQUIRED UNDER THE CENTER OF LARGER TREES IN LIMITED SPACE.
11. ROUTING OF CONDUIT AND CABLE MAY BE ALTERED BY THE PROJECT ENGINEER, IF NECESSARY, TO SUIT FIELD CONDITIONS.
12. INSTALL SPARE BENDS AS SHOWN ON PLANS. SPARE BENDS MUST BE SECURELY CAPPED OR PLUGGED AT BOTH ENDS WITH FITTINGS OF THE CORRECT SIZE AND TYPE FOR THE CONDUIT BEING USED.
13. CONDUIT DRAINS ARE NOT REQUIRED.
14. LIGHTING CONDUIT AND COMMUNICATIONS CONDUIT MAY BE LAID IN THE SAME TRENCH.
15. LUMINAIRES SHALL BE LEVELED AFTER POLE HAS BEEN INSTALLED ON FOUNDATION. LUMINAIRE MOUNTING BOLTS SHALL BE TORQUED TO MANUFACTURERS SPECIFICATIONS.
16. LIGHTING SYSTEM MUST MEET PROJECT ENGINEERS FINAL INSPECTION. LIGHTING SYSTEMS ARE SUBJECT TO STATE OR LOCAL ELECTRICAL INSPECTION. ELECTRICAL WORK WILL REQUIRE AN ELECTRICAL PERMIT AND WILL BE SUBJECT TO A FINAL INSPECTION.
17. CONTACT UTILITY THREE WORKING DAYS PRIOR TO REQUIRING SERVICE CONNECTION OR DISCONNECT.
18. GROUNDING CONNECTIONS IN PULL BOXES AND JUNCTION BOXES SHALL BE MADE USING MECHANICAL CONNECTORS SPECIFICALLY DESIGNED FOR THE PURPOSE.
19. UNLESS INDICATED OTHERWISE IN THE PLANS:
 - (A) ALL FOUNDATIONS USED ON A PROJECT SHALL BE OF ONE TYPE.
20. FUSEHOLDER AND DISCONNECT



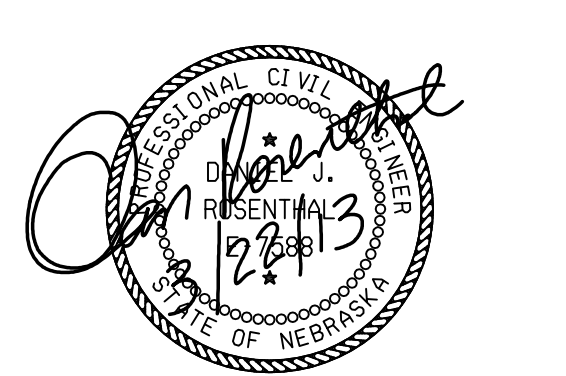
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REVISIONS SCHEDULE		
MARK	DATE	DESCRIPTION

BOONE CENTRAL HIGH SCHOOL TRACK AND FOOTBALL FIELD RENOVATION

PROJECT NO. 131015 DATE: 03-20-13
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UTILITY PLAN



LEGEND

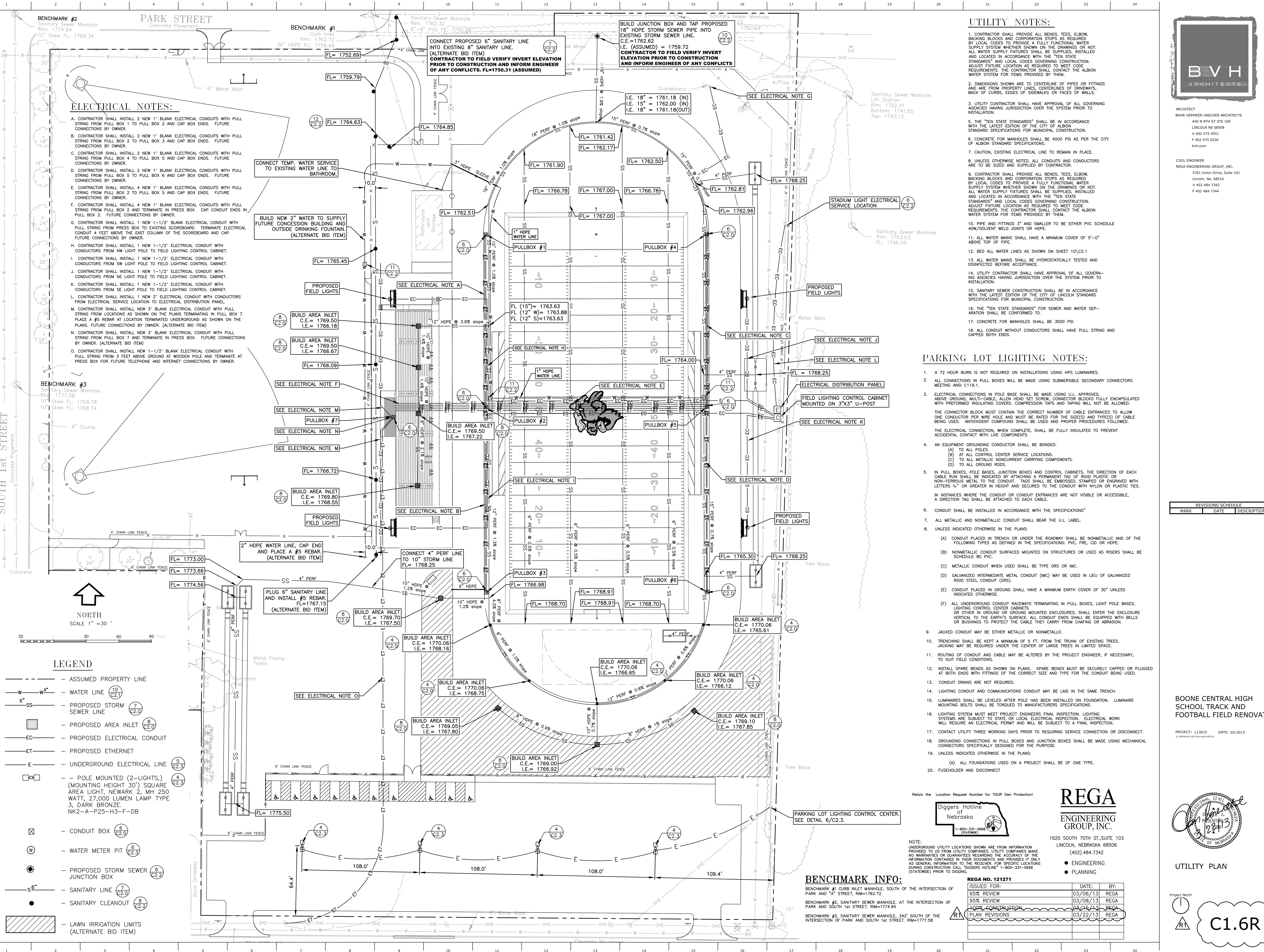
- - - ASSUMED PROPERTY LINE
- W-W- WATER LINE (10/C2.1)
- X-SS- PROPOSED STORM SEWER LINE (7/C2.2)
- [Symbol] - PROPOSED AREA INLET (8/C2.0)
- EC - PROPOSED ELECTRICAL CONDUIT
- ET - PROPOSED ETHERNET
- E - UNDERGROUND ELECTRICAL LINE (5/C2.3)
- [Symbol] - POLE MOUNTED (2-LIGHTS,) (MOUNTING HEIGHT 30') SQUARE AREA LIGHT, NEWARK 2, MH 250 WATT, 27,000 LUMEN LAMP TYPE 3, DARK BRONZE. NK2-A-P25-H3-F-DB (4/C2.3)
- [Symbol] - CONDUIT BOX (6/C2.0)
- [Symbol] - WATER METER PIT (6/C2.3)
- [Symbol] - PROPOSED STORM SEWER JUNCTION BOX (6/C2.2)
- [Symbol] - SANITARY LINE (7/C2.0)
- [Symbol] - SANITARY CLEANOUT (8/C2.2)
- [Symbol] - LAWN IRRIGATION LIMITS (ALTERNATE BID ITEM)

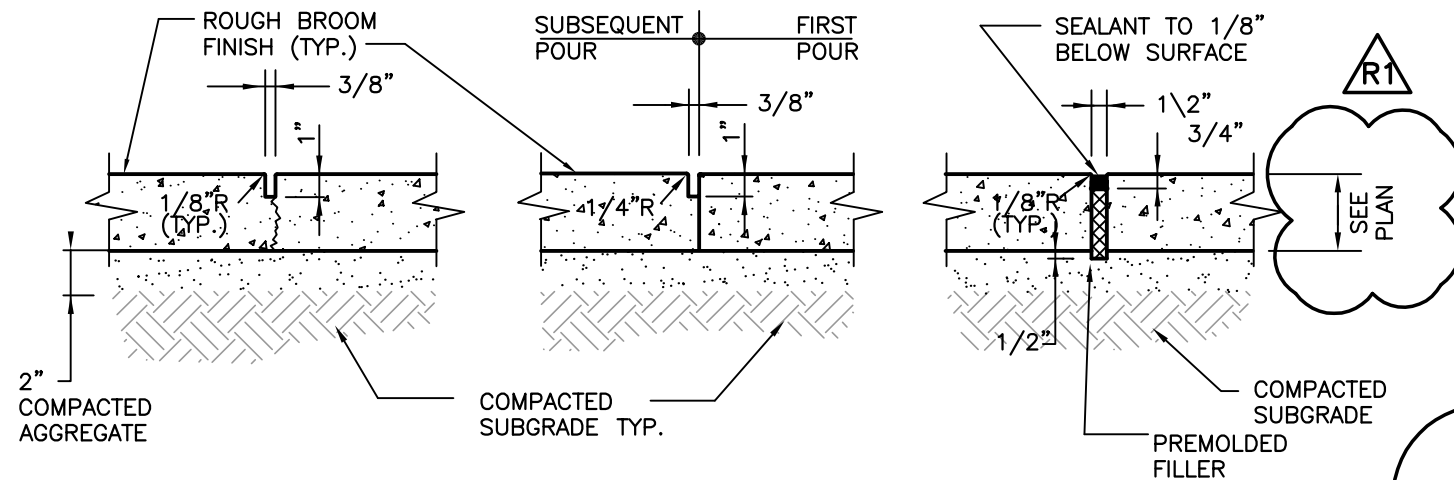
BENCHMARK INFO:

BENCHMARK #1 CURB INLET MANHOLE, SOUTH OF THE INTERSECTION OF PARK AND "A" STREET, RIM=1762.72
BENCHMARK #2 SANITARY SEWER MANHOLE, AT THE INTERSECTION OF PARK AND SOUTH 1st STREET, RIM=1774.94
BENCHMARK #3 SANITARY SEWER MANHOLE, 342' SOUTH OF THE INTERSECTION OF PARK AND SOUTH 1st STREET, RIM=1777.58

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65% REVIEW	03/06/13	REGA
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AS-BUILT CONSTRUCTION	03/24/13	REGA
PLAN REVISIONS	03/22/13	REGA





CONTRACTION JOINT

MAXIMUM SPACING = WIDTH OF THE WALK UNLESS INDICATED OTHERWISE ON PLANS

CONSTRUCTION JOINT

USE ONLY WHERE CONSTRUCTION JOINTS WOULD OCCUR

EXPANSION JOINT

SPACE AS SHOWN ON LAYOUT PLAN (@ 40' MAX.) AND WHERE ABUTTING ALL STRUCTURES AND CURBS

NOTES:

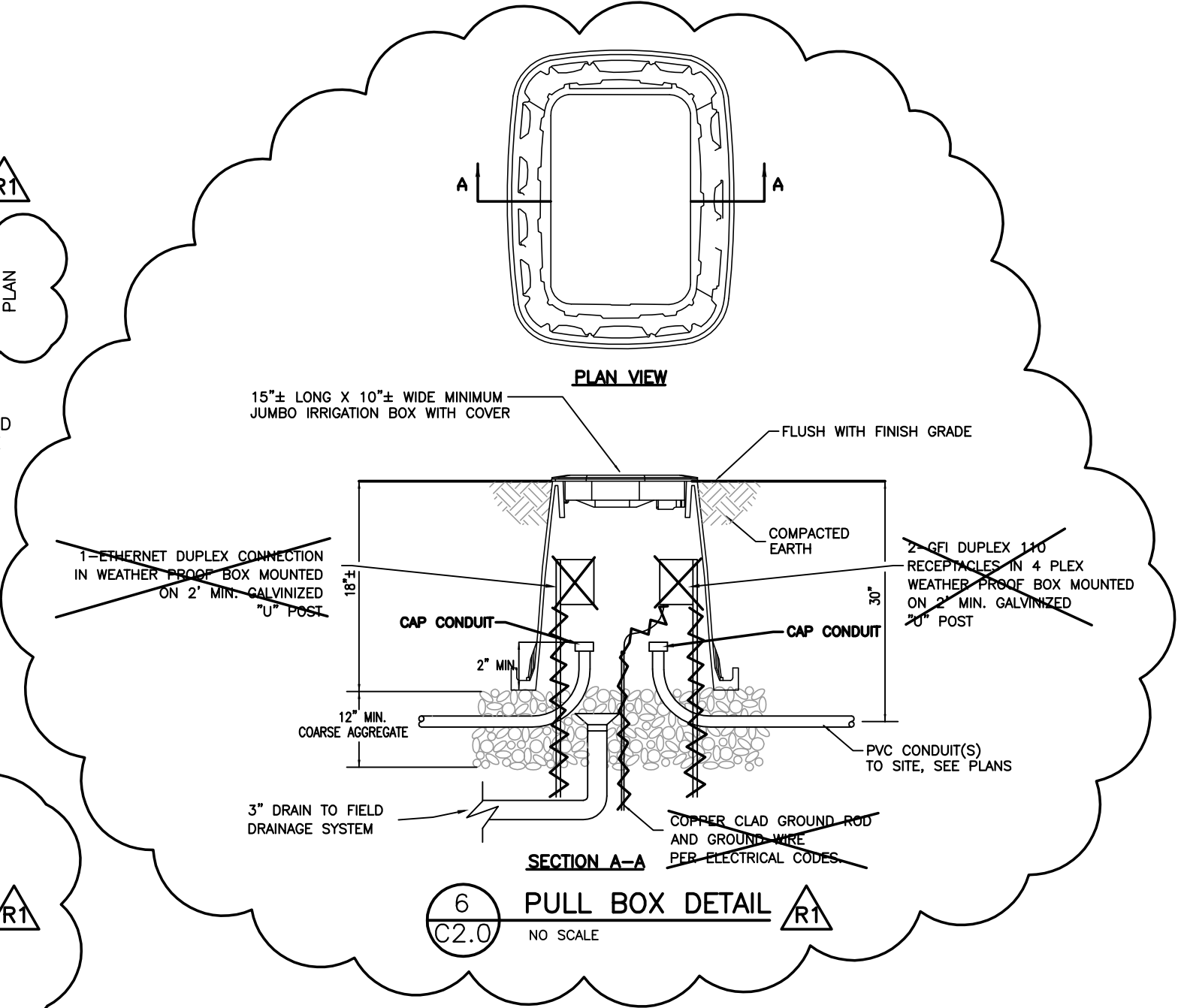
1. WHEN ABUTTING EXISTING SIDEWALK, MATCH EXISTING PATTERN LOCATION OF CONTROL AND EXPANSION JOINTS UNLESS OTHERWISE INDICATED.
2. PROVIDE 1" E.J. WITH SEALANT WHEN ABUTTING BACK OF CURB AND STRUCTURES.
3. ALL SIDEWALKS SLOPE AT 2% AWAY FROM BUILDING OR TOWARD CURBS UNLESS SHOWN OTHERWISE.

**4" CONCRETE PAVEMENT w/JOINT DETAILS
 (5" CONCRETE PAVEMENT w/JOINT
 DETAILS, ALTERNATE BID)**

5
 C2.0

NO SCALE

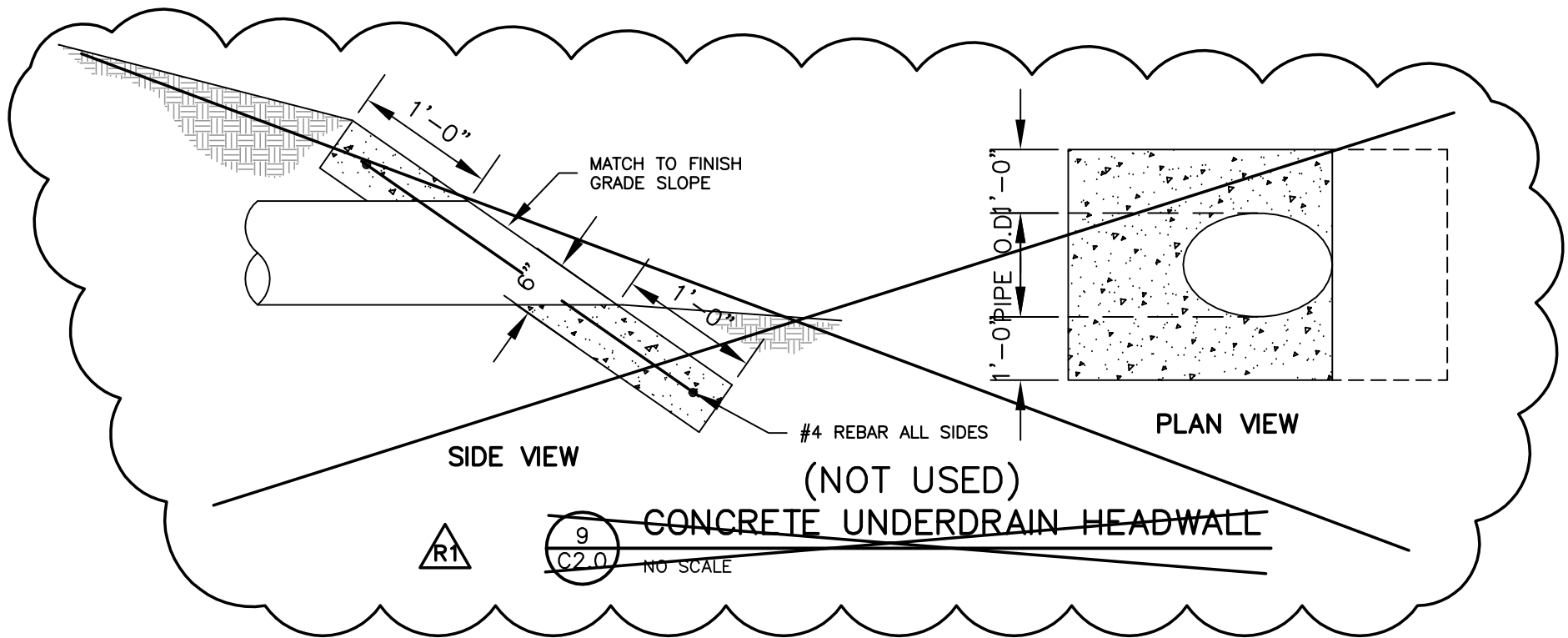
R1



REGA NO. 121271

ISSUED FOR:	DATE:	BY:
DETAIL 5/C2.0, REVISED TITLE AND OVERALL PAVMENT DIMENSION.	03/22/13	SDB
DETAIL 6/C2.0, REMOVED GFI OUTLETS MOUNTED ON "U" POSTS, REMOVED ETHERNET OUTLETS MOUNTED ON "U" POSTS, REMOVED COPPER GROUND ROD, CAPPED BOTH CONDUITS.	03/22/13	SDB

REF. SHT# C2.0



R1

9
C2.0

~~CONCRETE UNDERDRAIN HEADWALL~~

NO SCALE

REGA NO. 121271

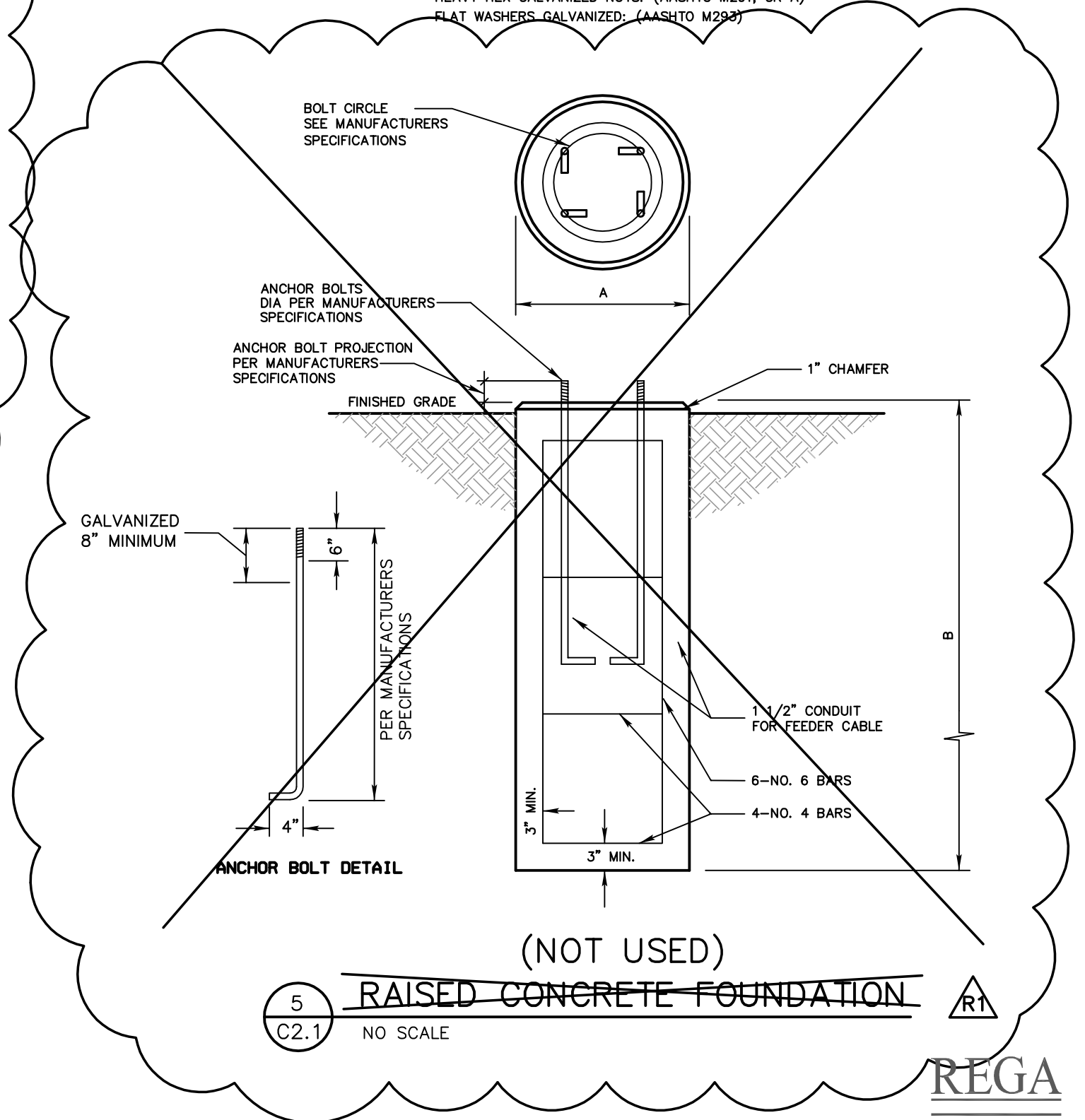
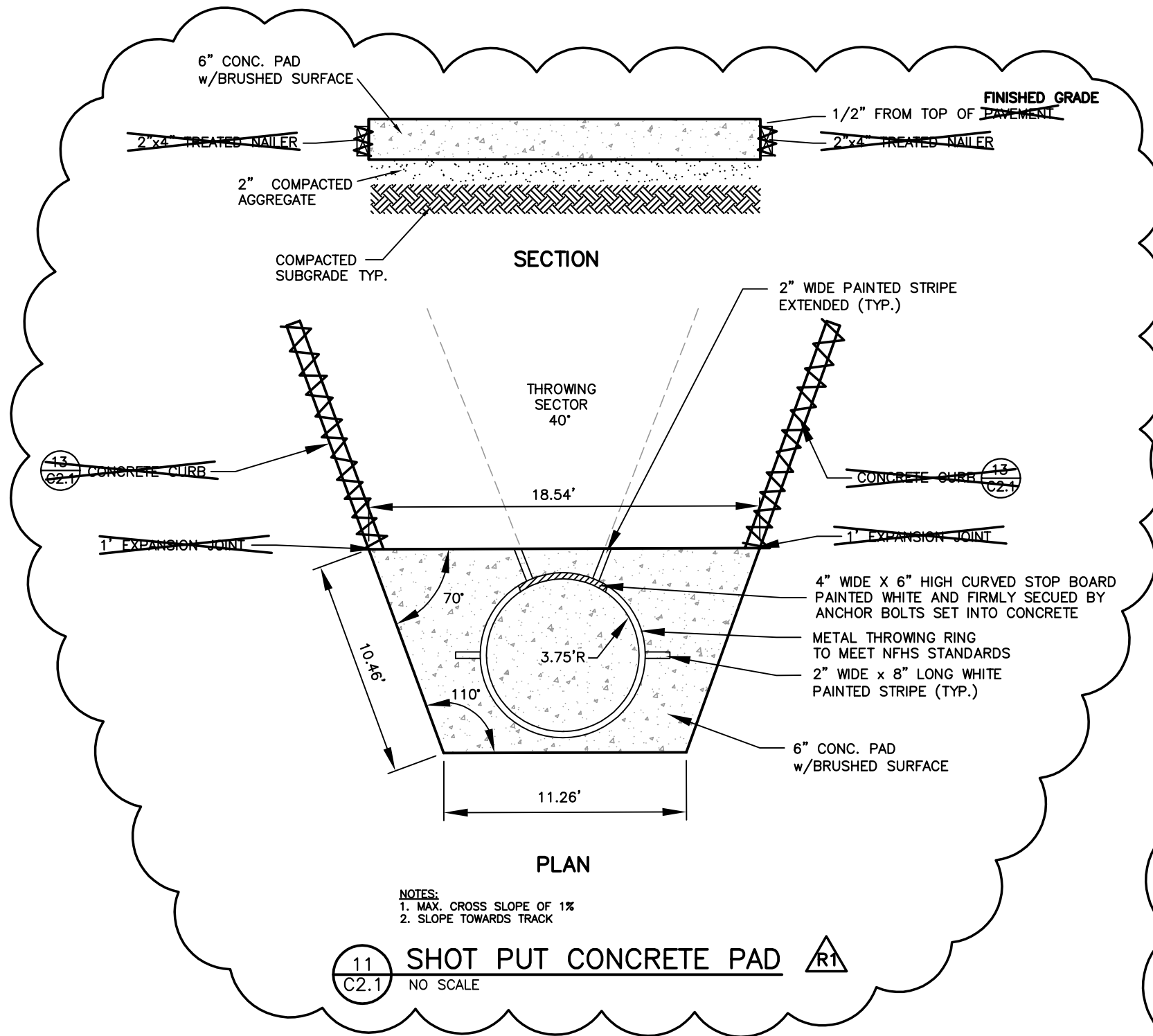
ISSUED FOR:	DATE:	BY:
DETAIL 9/C2.0, NOT USED	03/22/13	SDB

REF. SHT# C2.0

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GROUP, INC.

STREET LIGHT FOUNDATION DATA				
MOUNTING HEIGHT	A	B	STEEL	CONCRETE
UP TO 30'	2'-0"	5'-0"	70 LB.	0.58 CU. YDS.
31' TO 40'	2'-0"	5'-6"	75 LB.	0.64 CU. YDS.
41' TO 50'	2'-6"	6'-0"	80 LB.	1.10 CU. YDS.

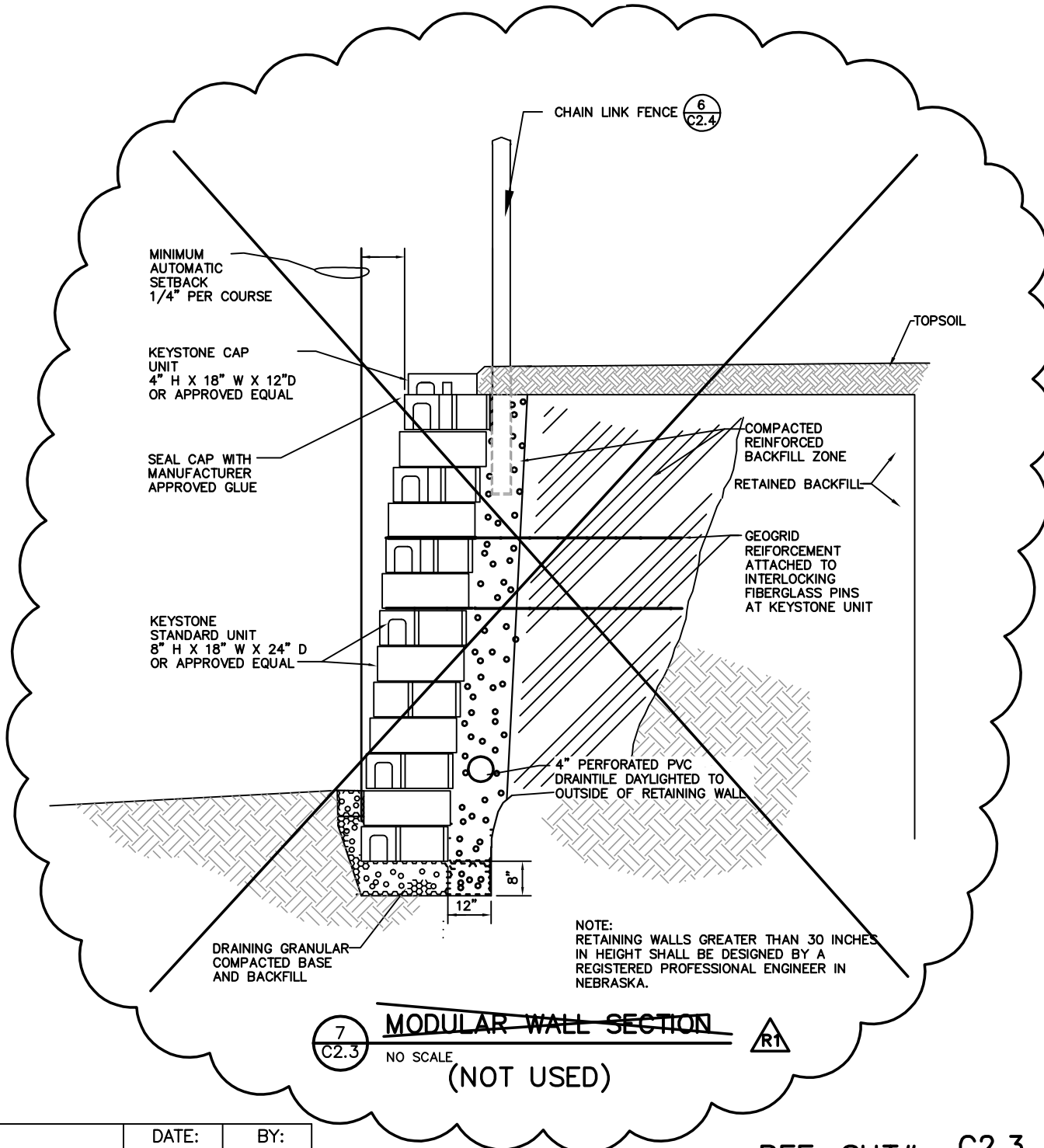
CONCRETE CLASS "47B-3000"
 REINFORCING STEEL: GRADE 60
 ANCHOR BOLTS: 1" DIA. (AASHTO M314, GR.55)
 HEAVY HEX GALVANIZED NUTS: (AASHTO M291, GR A)
 FLAT WASHERS GALVANIZED: (AASHTO M293)



REGA NO. 121271

ISSUED FOR:	DATE:	BY:
DETAIL 11/C2.1, REMOVE 2"x4" NAILER, REMOVE CONCRETE CURB AND 1/2" EXPAN. JOINT,	03/22/13	SDB
DETAIL 5/C2.1, NOT USED	03/22/13	SDB

REF. SHT# C2.1



REGA NO. 121271

ISSUED FOR:	DATE:	BY:
DETAIL 7/C2.3, NOT USED	03/22/13	SDB

REF. SHT# C2.3



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REVISIONS SCHEDULE		
MARK	DATE	DESCRIPTION

BOONE CENTRAL HIGH SCHOOL TRACK AND FOOTBALL FIELD RENOVATION

PROJECT: L13015 DATE: 03-2013
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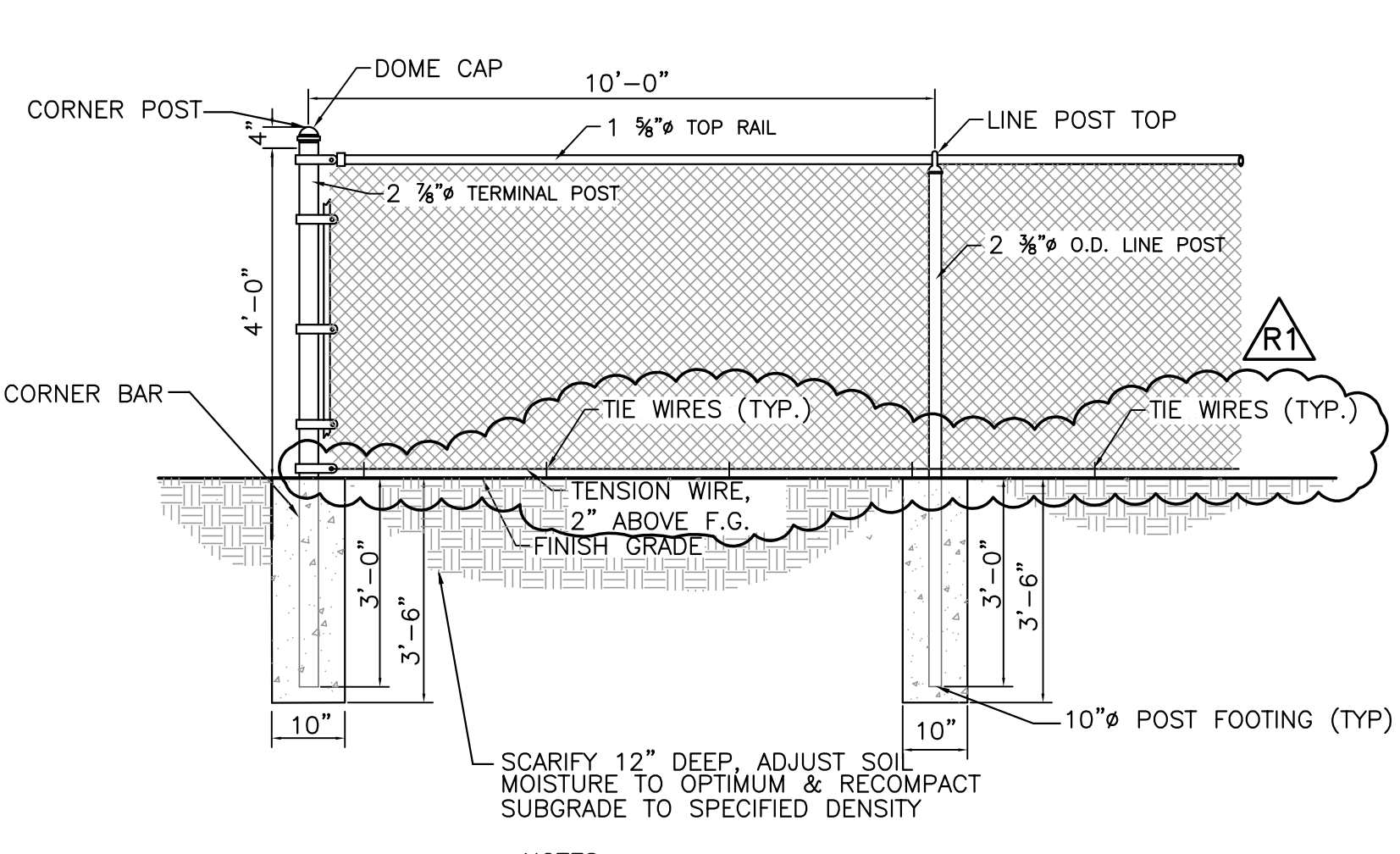
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MISCELLANEOUS DETAILS

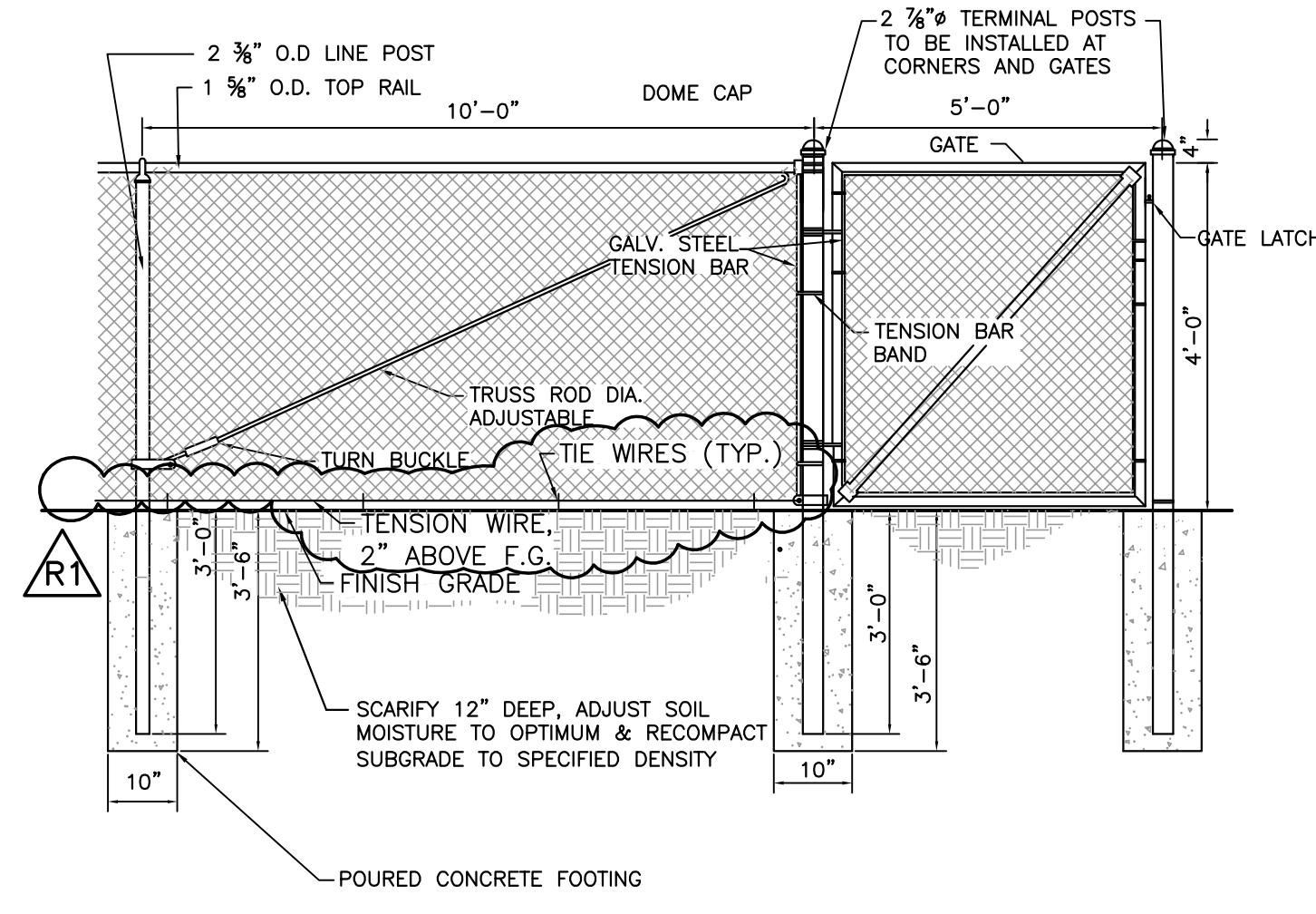
Project North



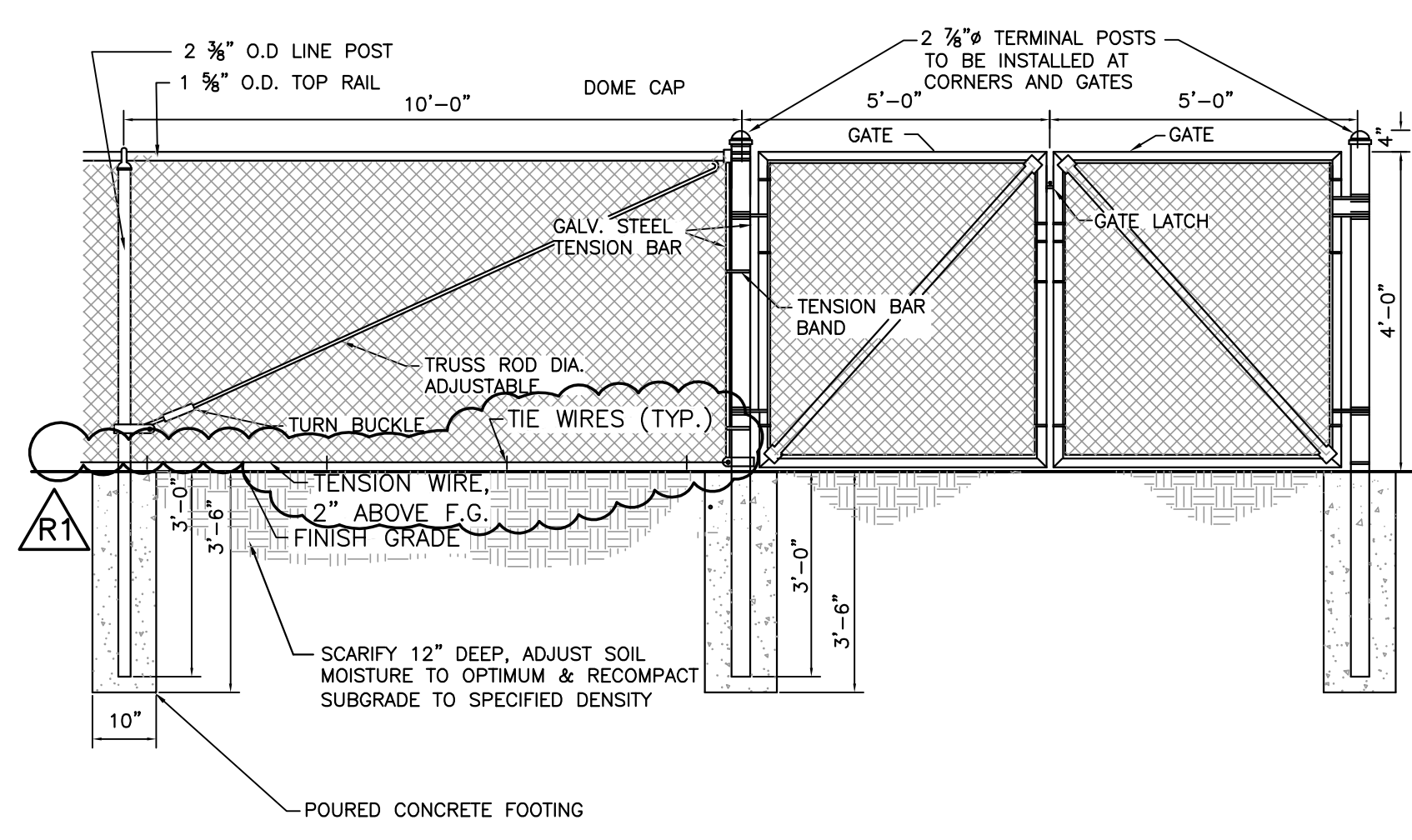
C2.4



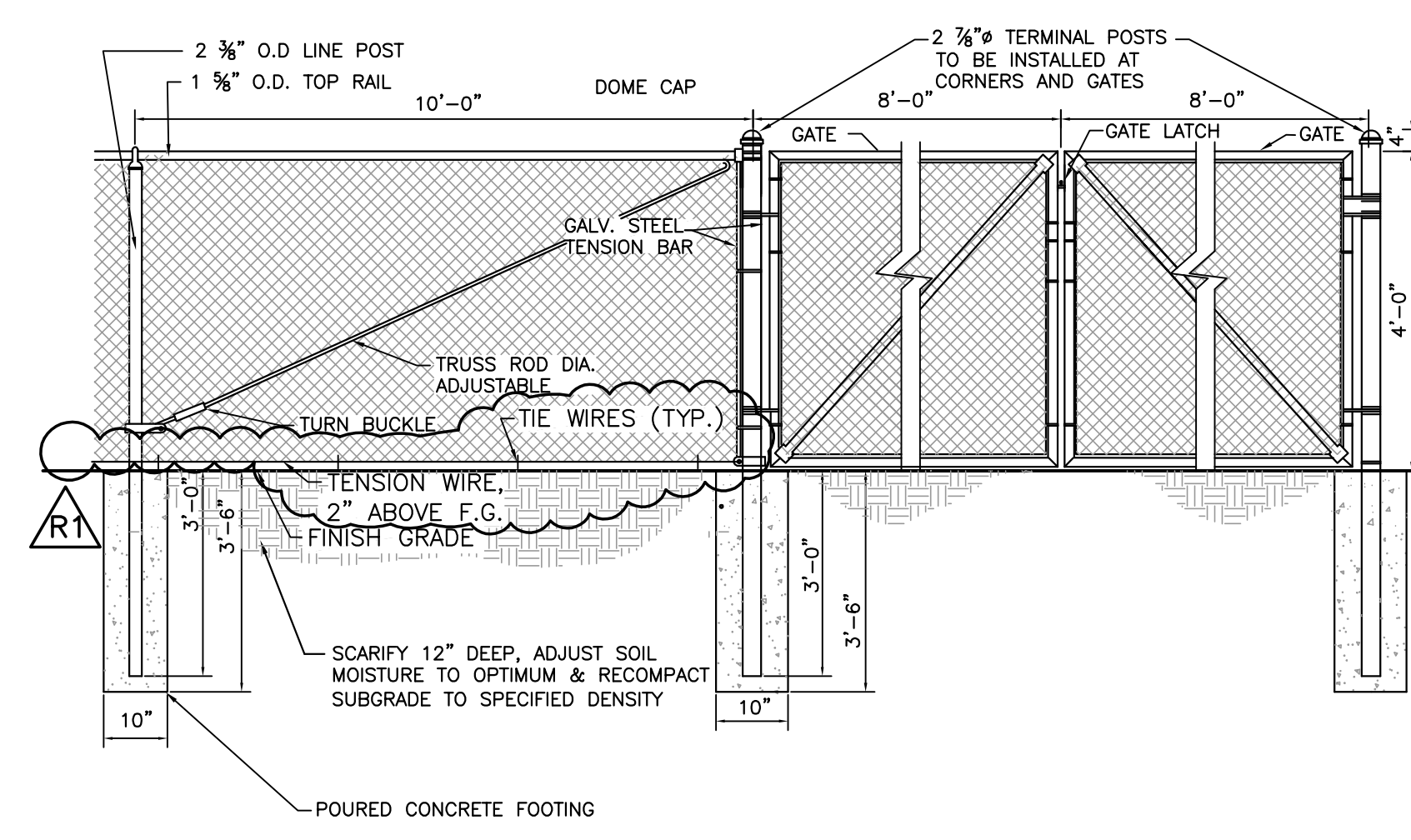
1 4' CHAIN LINK FENCE DETAIL
C2.4 NO SCALE



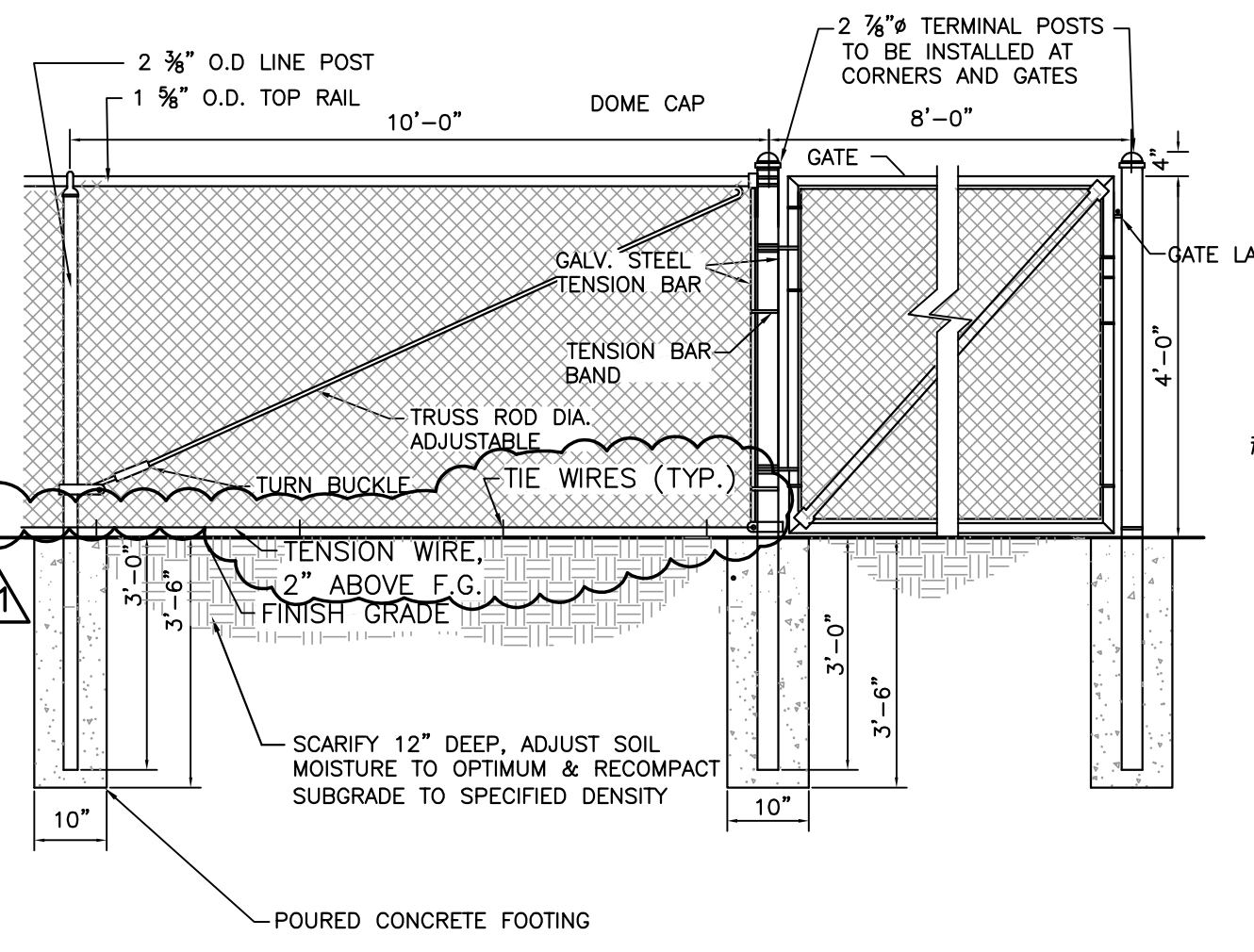
2 4' FENCE with 5' GATE DETAIL
C2.4 NO SCALE



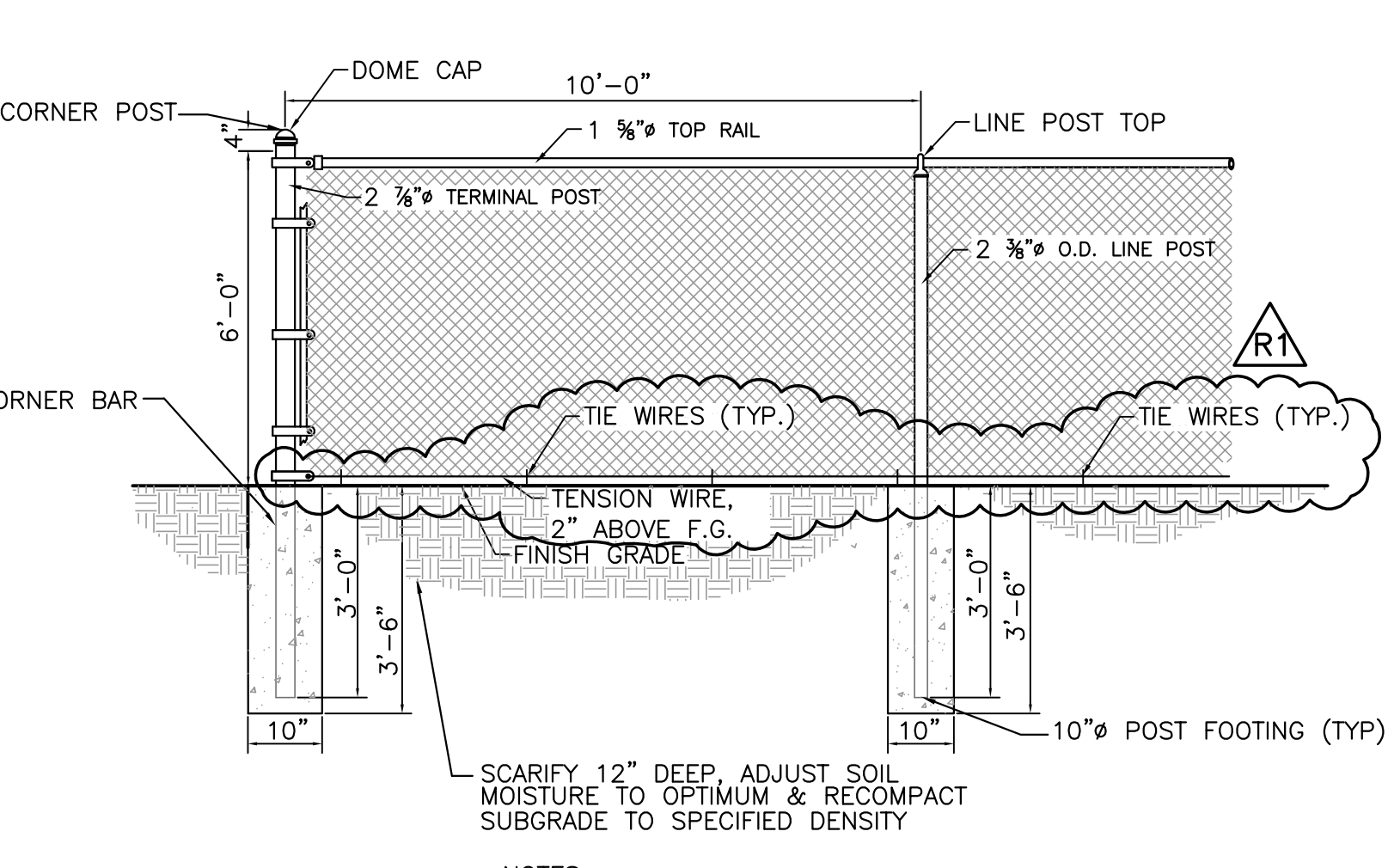
3 4' FENCE with 2-5' GATES DETAIL (10')
C2.4 NO SCALE



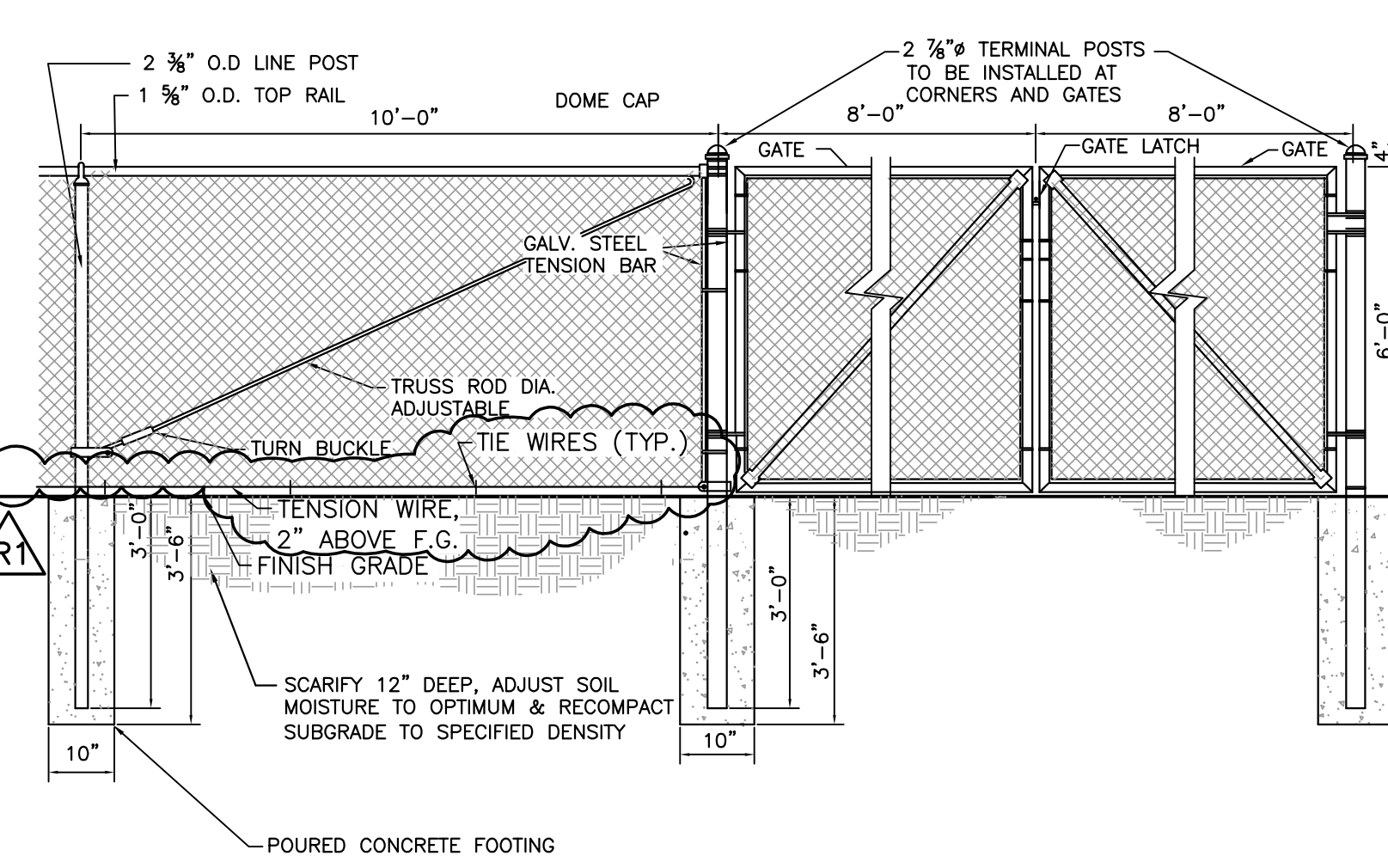
4 4' FENCE with 2-8' GATES DETAIL (16')
C2.4 NO SCALE



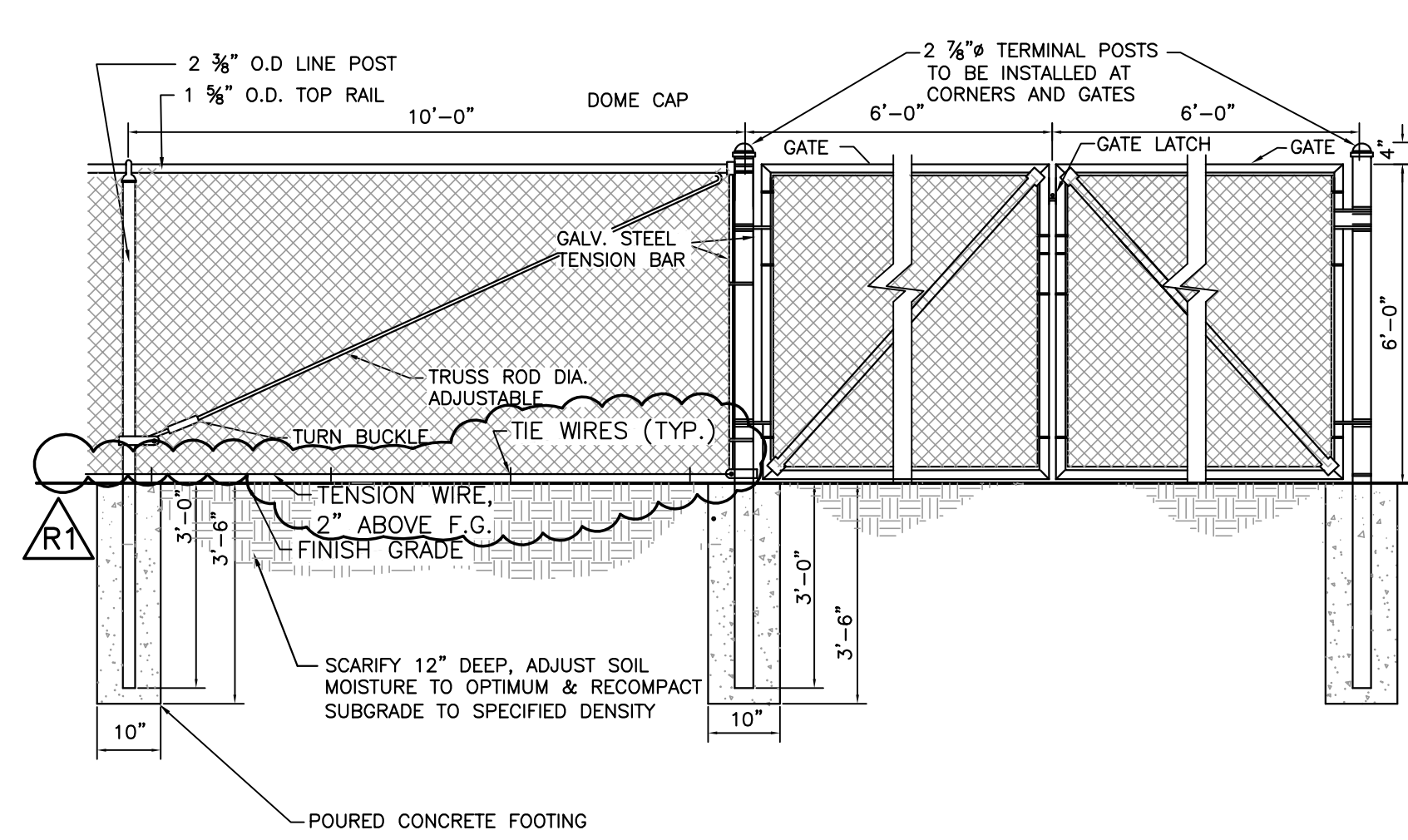
5 4' FENCE with 8' GATE DETAIL
C2.4 NO SCALE



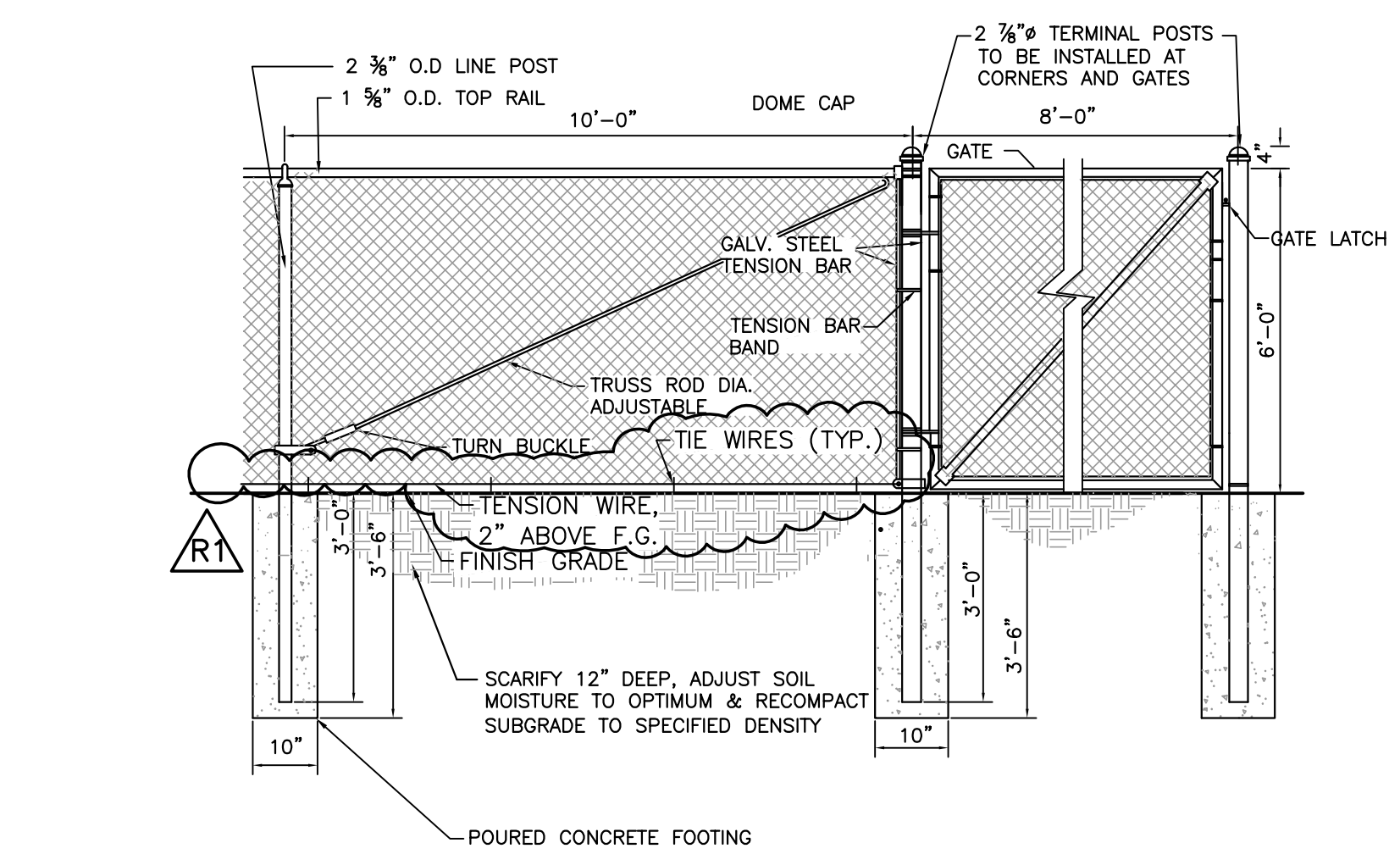
6 6' CHAIN LINK FENCE DETAIL
C2.4 NO SCALE



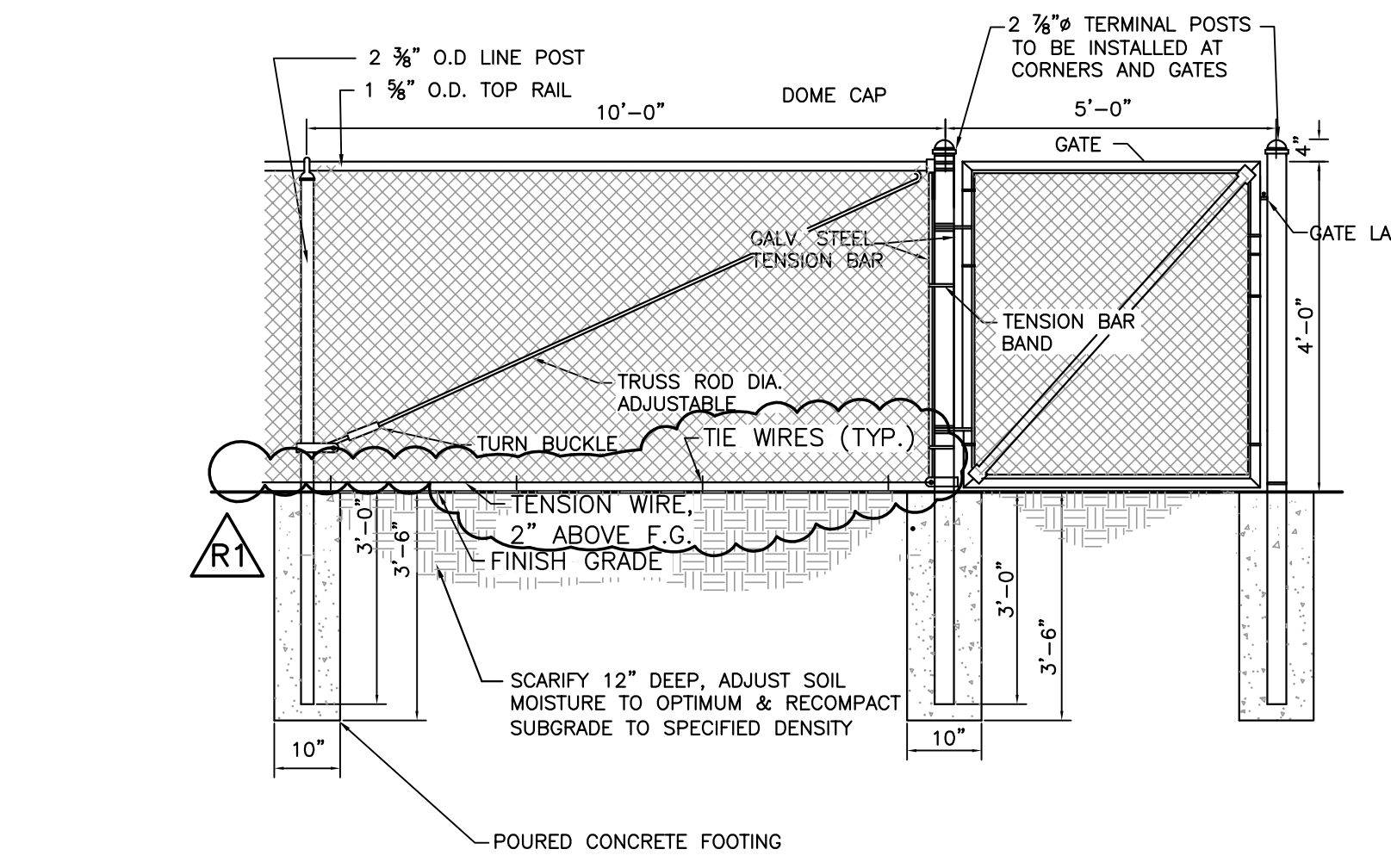
7 6' FENCE with 2-8' GATES DETAIL (16')
C2.4 NO SCALE



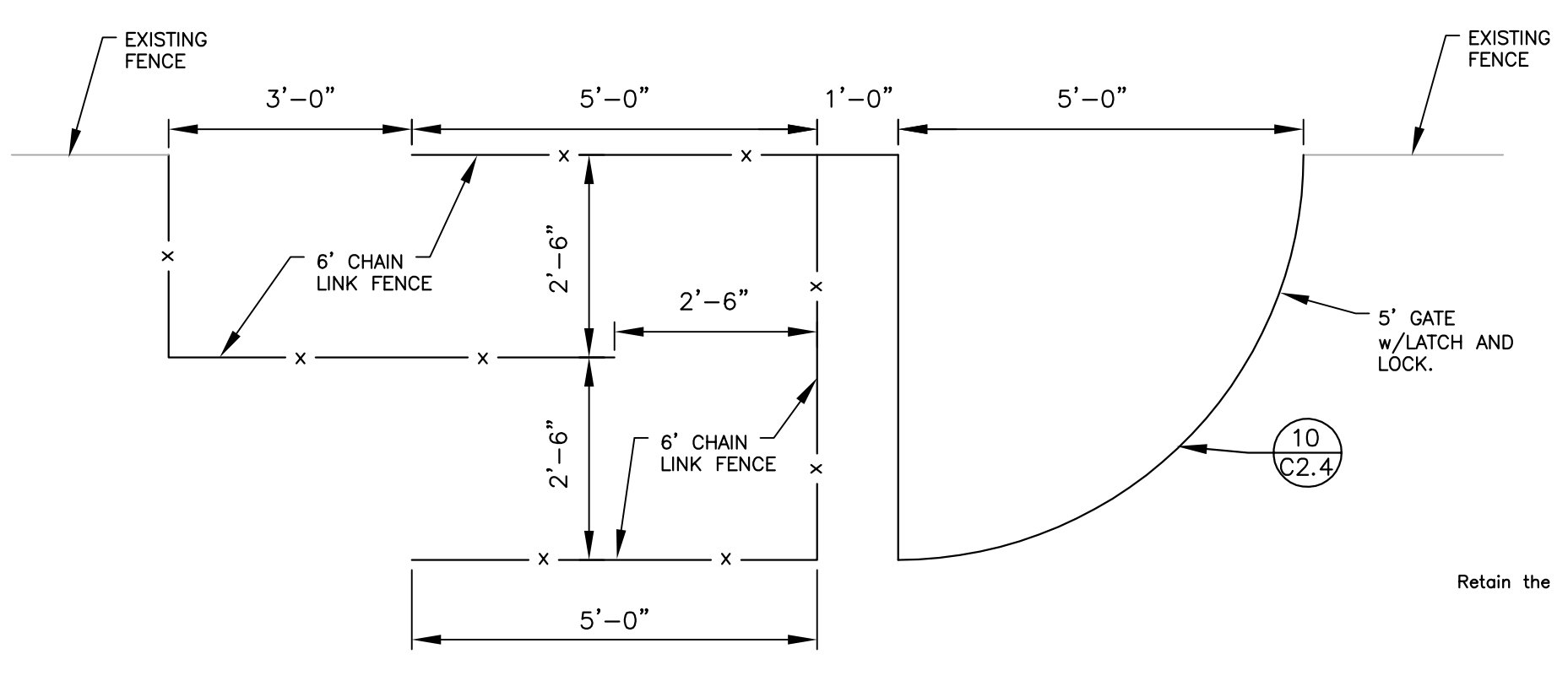
8 6' FENCE with 2-6' GATES DETAIL (12')
C2.4 NO SCALE



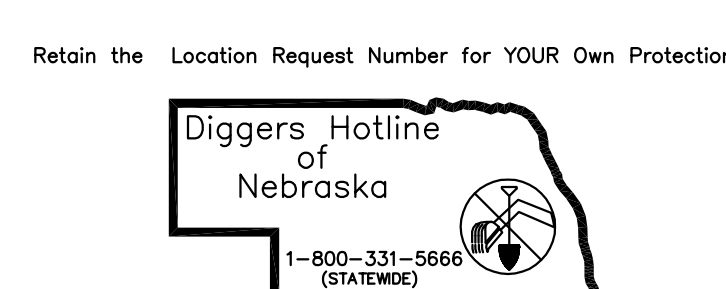
9 6' FENCE with 8' GATE DETAIL
C2.4 NO SCALE



10 6' FENCE with 5' GATE DETAIL
C2.4 NO SCALE



11 6' FENCE MAZE ENTRANCE
C2.4 NO SCALE



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65% REVIEW	03/06/13	REGA
95% REVIEW	03/08/13	REGA
100% CONSTRUCTION	03/14/13	REGA
PLAN REVISIONS	03/22/13	REGA