

#### **ADDENDUM NO. 01**

#### PROPOSED RENOVATIONS TO FOOTBALL/SOCCER FIELDS AT HOWARD HIGH SCHOOL, OOLTEWAH HIGH SCHOOL AND SODDY-DAISY HIGH SCHOOL HAMILTON COUNTY, TN

#### **GENERAL**

The following items covering changes in the bidding requirements shall apply to and become a part of the requirements thereof.

Receipt of this Addendum shall be acknowledged by inserting this number and date in the space provided on the Bid Form. Failure to do so may result in disqualification of the Bidder. This addendum consists of <u>28</u> pages, including drawings:

#### ADDITIONAL INFORMATION DOCUMENTS

The following document(s):

- Pre-Bid/Proposal Meeting Agenda
- Pre-Bid/Proposal Meeting Minutes
- Pre-Bid/Proposal Sign-In Sheet

are being provided with this addendum for informational purposes only. The documents listed above are not, and will not, be considered as part of the Contract Documents.

#### **QUESTIONS**

- 1Q. Can the combined set of drawings be distributed as 3 separate sets?
- 1R. Yes, separate sets will be distributed under separate cover.

#### **MISCELLANEOUS**

No Items

#### **SPECIFICATIONS**

ITEM 4	Section 00 06 12 12	Darfarmanaa Band
ITEM 1	Section 00 06 13.13 –	Performance Bond

Add Section in entirety

ITEM 2 Section 00 06 13.16 – Payment Bond

Add Section in entirety

ITEM 3 Section 32 18 14 – Infilled Synthetic Turf Systems

Revise Paragraph – 1.1A

Insert "monofilament/slit film dual fiber," in between "install" and "a tufted"

in the first sentence.

ITEM 4 Section 32 18 14 – Infilled Synthetic Turf Systems

Revise Paragraph – 1.9C line items within the Minimum Synthetic Turf

Properties:



	Property Yarn Denier (primary fiber)	Standard ASTM D 1577	Dual Fiber Specification 7,200 mono/5200 slit
	Yarn Thickness (microns)	ASTM D 3218	300 mono/100 slit
ITEM 5	Section 32 18 14 – Infilled Syndd Paragraph – 1.11 – Fab Fabric color shall be selecte will be 2 shades of green to Areas noted are from both en	ric Color d from manufacture o be utilized within	r's standard colors. There

Light Green – End Zone to 5-yard line, 15-yard to 25-yard line, 35-yard to

45-yard line

Dark Green - 5-yard to 15-yard line, 25-yard to 35-yard line, 45-yard to

45-yard line

#### **DRAWINGS**

ITEM 1 OHS – Sheet C0.21 – Added note for existing sign.

ITEM 2 OHS – Sheet C2.01 – Additional information related to the proposed

restriping for ADA parking spaces and improved access.

ITEM 3 OHS – Sheet C7.01 thru C7.03 – Revised details.

ITEM 4 HHS – Sheets QC-1 thru QC-3 – Quick Coupler plans and details.

Bidder Must Acknowledge Receipt of this Addendum on Bid/Proposal Form

March 19, 2024

Barge Design Solutions, Inc. 1110 Market Street, Suite 200 Chattanooga, TN 37202 1110 Market Street, Suite 200 Chattanooga, Tennessee 37402

Phone: 423.756.3025 | Fax: 423.756.8477

www.bargewaggoner.com



#### Pre-Proposal Conference Agenda

October 30, 2018

Proposed Renovations of Football/Soccer Fields at Project:

Howard High School, Ooltewah High School and

**Soddy-Daisy High School** 

Hamilton County Department of Education

**HCDE RFP#24-55** Barge #38505-00

Purpose of Meeting: Pre-Proposal Conference

Introductions: Joseph Sawyer, ASLA, PLA, Barge

Andy Highlander, PE, Barge

Bid Opening: 2:00 PM, April 2, 2024 at the

Hamilton County Procurement Department

455 N. Highland Park Avenue, Chattanooga, 37408

**Bid Documents:** Bid Documents have been released to the Bidders and

> have been made available thru the HCS Vendor Registry, www.vendorregistry.com. Verify Bid Documents are complete (Bid Envelope, Project Manual, Drawings, Bid Security and Addenda). Bidders are solely responsible

for misinterpretations resulting from using an

incomplete set of documents.

Additional Information: None

Bid Preparation: Bidders shall carefully examine the site and Bid

> Documents to obtain firsthand knowledge of the existing conditions and work proposed. The Contractor will not be given extra payment for conditions which can be determined by examining the site and Bid Documents.

Contractor's Attestation: The Owner prohibits the use of the services of an illegal

> immigrant and the Attestation Form Regarding Personnel Used in Contract Performance must be completed for the initial contract agreement and with

each monthly Application for Payment.

Pre-Bid Conference Agenda March 18, 2024 Proposed Field Renovations Barge #38505-00

Interpretations & Clarifications:

All requests for interpretations or clarifications must be made in <u>writing</u> to Graham Hartness, <u>graham.hartness@bargedesign.com</u> prior to March 25, 2024, 5 PM EDT. No changes are binding and no interpretations or clarifications are reliable unless confirmed in writing by Addendum.

Submission of Bid:

Please refer to Request for Proposal document in the Project Manual for <u>all</u> bid requirements. Make proposals on an unaltered Bid/Proposal Form provided by HCS in the Bid Package. When submitting bids please make sure that the official Bid Form contained in the Bid Envelope is included in the Bid Envelope and that both documents are <u>completely</u> filled out.

Submit Bid/Proposal Form with attachments and Bid Security enclosed and sealed in a sealed envelope. If the Bidder will perform the work with their own forces fill in the Bidder's name as the Subcontractor. If no work is required for a category write "NR" (none required) or "NA" (not applicable) in the space provided.

Provide State Contractor license number, expiration date and applicable classifications for Bidder and the listed Subcontractors.

Along with the Bid/Proposal Form, a Bid Security in the amount of 5% of the total bid amount, including any alternates is required. The Bid Security shall be in the form of a Bid Bond or certified/cashier's check made payable to Hamilton County Department of Education and shall have current power of attorney for Attorney-in-Fact attached.

Bidders are solely responsible for ensuring that bids/proposals are received by the time and at the place identified for receipt of bids. Bids which are received late will be returned unopened. Mailed bids shall be marked "Bid Envelope Enclosed" clearly on the mailing envelope.

Conditional or qualified bids will not be accepted.

Pre-Bid Conference Agenda March 18, 2024 Proposed Field Renovations Barge #38505-00

Bid Structure: Lump Sum.

Contract Time: Anticipated Contract Notice to Proceed: 5/1/24

Substantial Completion: 101 Days Final Completion 10 Days

Project Scope: Howard HS project includes, but is not limited to:

- Earthwork excavating existing natural grass field
- Preservation of existing field subdrainage
- Removal of existing irrigation heads, valves, boxes and controller (property of HCS)
- Capping existing irrigation system at designated location and retaining remaining existing irrigation piping and wiring as is.
- Storm drainage
- Sports Fields geotextile fabric, stone base, synthetic turf
- Grass seeding disturbed areas

Ooltewah HS project includes but is not limited to:

- Earthwork excavating existing natural grass field
- Demolition of existing high jump, discus pad, portion of asphalt path
- Storm drainage
- Sports Fields geotextile fabric, concrete curbing stone base, synthetic turf.
- Track and Field new high jump, long jump, triple jump within the field area. New shot put pad and landing area, discus pad and nets in a to be determined area at the existing practice field.
- ADA improvements re-striping existing parking lot for 6 new ADA parking spaces. New sidewalk and handrail along the south and southeast portion of the field.
- Grass seeding disturbed areas

Soddy-Daisy HS project includes but is not limited to:

- Earthwork excavating existing natural grass field
- Removal of existing subdrainage
- Storm drainage

Pre-Bid Conference Agenda March 18, 2024 Proposed Field Renovations Barge #38505-00

- Sports Fields geotextile fabric, stone base, synthetic turf
- New goalposts
- Grass seeding disturbed areas

Insurance and Bonds: Please refer to Article 11 of the General Conditions of the

Contract included in the Project Manual for the insurance requirements of this Project Manual for the insurance requirements of this project related to Builders Risk and Contractor's Pollution Liability

Insurance.

Changes to the Work: Change Order Requests shall be submitted prior to

proceeding with any Change Order associated work.

Storm Water Pollution

Prevention Plan: Each field has been submitted to the respective local and

state agency having jurisdiction.

Site Access: Howard High School – Access to the field will be from the

east by way of the driveway accessing the County Pump

Station that is adjacent to the field.

Ooltewah High School – Access off of the entry dire to the

property and through a service gate.

Soddy-Daisy High School – Access off of the parking lot

east of the field and through a service gate.

Safe pedestrian and vehicular movement during the life

of construction will need to be maintained.

Contractor parking will be allowed in designated parking

areas only.

Site Visitation: The Bidders are requested to visit each site to become

familiar with the conditions under which the work is to be performed and to correlate all observations with the

requirements of the Bid/Proposal

Substitution Requests: Any substitution request must be made prior to March

25, 20204 and must be prepared in accordance with

Sections 01 25 00.

Discussion:

3074 Hickory Valley Road Chattanooga, TN 37421 Main Line: (423) 498-7030

Main Line: (423) 498-7030 Email: doe purchasing@hcde.org

#### **SIGN-IN SHEET**

Date: 3/18/24
Solicitation #, Name: 14.55 PIELD RYNNBTIENS @ HUSRIN, OSCIEWAY, SOLITE PAISCY
Meeting Type: Pre-Proposal/BW Location: Oslfamah HS
HCS Representative: Vistin With / Steve Hodgen

Company Address			
(Address, Ste/Rm, City, State, Zip)	Company Phone	E-mail Address	Company Representative
12000 W PARMER IN CEDAR PARIC, TX	919.801-5952	JREDOUTANE HELLAS CONSTRUCT	ION COM JIMMY RENOVEAN
•	Oriterah HS	wanving-james Bhede	:=1
	423-322-1440	with justine hide org	JUSTIN WITT
		Baker Crystelle Here or	Crystal Box
		Hodger-Stever DADE.	Steve Hodga
ZUD FENSON ZO. KNOW, LIE, TN	423834-5542	CHADS & BASELINETIC FOR	CIHO SMALLEN
11	423-593-8284	stever baseline 1/e. com	Steve Clift
	330-378-7914	C. Fobt@atalotal	Jake Storm
		~ . Can	
	630 542 1091	wsexton exprinters.	Will Sexton
	BLO FENSON FO.  KNOW, UE, TN	0. Hense 15 423-322-1440 3200 Hense 20 423-834-5542 423-593-8284 330-388-7814 423-605-03)8	Colteral HS manning-james Checker  423-322-1440  Bake Crystelle Helpe or  Hodgen-Steven Itologor  KPDIN, LIE, TN  423-593-8284  CFOLD @ atglotal  423-605-0328  Tim. Ark painting Pl



3074 Hickory Valley Road Chattanooga, TN 37421

Main Line: (423) 498-7030

Email: doe purchasing@hcde.org

Company Name	Company Address (Address, Ste/Rm, City, State, Zip)	Company Phone	E-mail Address	Company Representative
PILLAR CONSTRUCTION	3800 ST. ELMO AVIE. STE 233 ENATIANOUSA TN 37409	423.718.5394	WGAMIER E PHILAREO.WA	WILL GATTER
HCDE	3074 Hickory Valley RD		***	
ASTR TURE	2 EUN ABUT NEXT KD DILTON, GA	336.469 7239	james. time hade and garrett. Braggastrout	CARACTT BARK
Slaw Sports Turf	185 S. Industrial Olud.	832-302-5684	Jake Mintosh DShawing	Jake McIntosy
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#### **MEETING NOTES**

**Date of Meeting**: March 18, 2024

**Project:** Proposed Renovation of Football/Soccer Fields at Howard

High School, Ooltewah High School and Soddy-Daisy High

School

Hamilton County, TN

**Subject:** Pre-Proposal/Bid Meeting

**Meeting Location**: Ooltewah High School Football Field

Barge Project No.: 38505-00

PARTICIPANTS: HCS – Justin Witt, Tim James, Steven Hodgen, Crystal Clark

Ooltewah HS – James Manning, Donnie Mullins

Barge – Andy Highlander, Graham Hartness, Joe Sawyer

Hellas - Jimmy Redovian

Baseline Sports - Steve Clift, Chad Smallen

ACT Global – Jake Storm Ark Painting – Tim Monroe SprintTurf – Will Sexton

Pillar Construction - Will Gaither

AstroTurf - Garrett Bare

Shaw Sports Turf – Jake McIntosh

Copy to: Participants

#### **ITEMS DISCUSSED:**

Meeting began at 10:00 AM Eastern.

- 1. Joe Sawyer began the meeting with introductions of the HCS staff and design team representatives.
- 2. Joe Sawyer began with a brief review of the agenda items and discussed in more detail the items below:
  - a. Bid documents have been released and they are available from the HCS Vendor Registry.
  - b. The first addendum will be released within the next couple of days.
  - c. The sites are available for proposers to walk. All visitors must checkin at the school office prior to walking the field.
  - d. All bidder questions must be received by email to Steven Hodgen @ doe\_purchasing@hcde.org prior to 5 PM Eastern, March 25, 2024.



Renovation of Football/Soccer Fields Pre-Bid/Proposal Conference Notes Page - 2

- e. Justin emphasized the bid process is not a low bid reward. There is a committee that will review the proposals and a decision will be made on what is best for HCS.
- f. Justin also noted that the Bid/Proposal Form is included, and the project is a Lump Sum cost. There are provisions for additive alternates and deductive alternates to be made. These alternates will only be considered after contractor selection has been made. All addenda must be acknowledged.
- g. Bids will be opened on 4/2 at 2 PM in the office of the Hamilton County Schools, Chattanooga. It was noted that the official address is 3074 Hickory Valley Road, Chattanooga, 37421.
- h. The contract is expected to be let out 5/1/24 for Ooltewah HS and Soddy-Daisy HS. The contract for Howard HS will be let out 5/8/24. Final completion is 111 days.
- Substitution requests will be evaluated as long as the formal substitution request process outlined in the bid documents is followed.
- j. Howard HS and Soddy-Daisy HS have been preliminarily approved by City of Chattanooga (Howard) and Hamilton County (Soddy-Daisy). TDEC is forthcoming on the Notice of Coverage.
- k. Excavated sod is for the contractor to use at their cost and discretion.
- 3. Joe reviewed the scope of each project:
  - a. Howard Connect field to existing perimeter slot drain, retain existing subdrainage, abandon existing irrigation with exception of heads, valves, boxes and controller (these are property of HCS), goalposts to be removed, protected and re-paced.
  - b. Ooltewah new perimeter curb, new track/field events, deeper stone base due to stormwater requirements, ADA improvements in the parking lot next to the tennis courts and the sidewalk connecting to the Visitor grandstand. What was not discussed was the placement of the shot put pad and landing zone and discus pad and nets to be placed at the west end of the football practice field that is NE and downhill of the main field. There is limited access to this area.
  - Soddy-Daisy Connect field to existing perimeter slot drain, remove existing subdrainage, replace goalposts, protect existing track/field events.



Renovation of Football/Soccer Fields Pre-Bid/Proposal Conference Notes Page - 3

### Meeting adjourned at approximately 10:30 AM Eastern

These notes represent my understanding of items discussed and conclusions reached. Participants are requested to review these items and advise of necessary corrections or revisions.

Signed: Date: March 19, 2024

Joseph Sawyer, PLA, ASLA

Attachments: Meeting Sign-in Sheet

Meeting Agenda

### Performance Bond

CONTRACTOR (name and address):	SURETY (name and address of principal place of business):
OWNER (name and address):	
CONSTRUCTION CONTRACT  Effective Date of the Agreement:  Amount:  Description: Proposed Renovation of Footba	all/Soccer Fields at Howard High School, Ooltewah High
BOND Bond Number: Date (not earlier than the Effective Date of the Agree Amount:	 ement of the Construction Contract):
	ound hereby, subject to the terms set forth below, do each ed by an authorized officer, agent, or representative.  SURETY
(seal,	) (seal)
Contractor's Name and Corporate Seal  By: Signature	Surety's Name and Corporate Seal  By: Signature (attach power of attorney)
Print Name	Print Name
Title	Title
Attest:Signature	Attest: Signature
Title	Title

Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party shall be considered plural where applicable.

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- 1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
- 2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond.
- 3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after Owner terminates for cause in accordance with General Conditions Paragraph 15.02.
- 4. Failure on the part of the Owner to comply with the notice requirement in General Conditions Paragraph 15.02 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
- 5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take the following action:
  - 5.1 Waive its right to perform and complete, to arrange for completion, or to obtain a new contractor, and with reasonable promptness under the circumstances:
    - 5.1.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
    - 5.1.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
- 6. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:
  - 6.1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
  - 6.2 additional legal, design professional, and delay costs resulting from the Contractor's Default; and
  - 6.3 liquidated damages caused by delayed performance or non-performance of the Contractor.
- 7. The Surety's liability is limited to the amount of this Bond.
- 8. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.

- 9. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
- 10. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit shall be applicable.
- 11. Notice to the Surety, the Owner, or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.
- 12. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

#### 13. Definitions

- 13.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
- 13.2 Construction Contract: The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
- 13.3 Contractor Default: Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
- 13.4 Owner Default: Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- 13.5 Contract Documents: All the documents that comprise the agreement between the Owner and Contractor.

03/13/2024 38505-00

This document was prepared in part from material (EJCDC C-610 Performance Bond) which is copyrighted as indicated below:

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American Society of Civil Engineers 1801 Alexander Bell Drive, Reston, VA 20191-4400 (800) 548-2723 www.asce.org

Associated General Contractors of America 2300 Wilson Boulevard, Suite 400, Arlington, VA 22201-3308 (703) 548-3118 www.aqc.org

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# Payment Bond

CONTRACTOR (name and address):	SURETY (name and address of principal place of business):
OWNER (name and address): Hamilton County Schools	
3074 Hickory Valley Road Chattanooga, TN 37421	
CONSTRUCTION CONTRACT  Effective Date of the Agreement: Amount: Description (name and location): Proposed School, Ooltewah High School and Soddy-E	Renovation of Football/Soccer Fields at Howard High
BOND Bond Number: Date (not earlier than the Effective Date of the Agree Amount:	ement of the Construction Contract):
	ound hereby, subject to the terms set forth below, do uted by an authorized officer, agent, or representative.
CONTRACTOR AS PRINCIPAL	SURETY
(sea.	l) (seal)
Contractor's Name and Corporate Seal	Surety's Name and Corporate Seal
Ву:	Ву:
Signature	Signature (attach power of attorney)
Print Name	Print Name
Title	
Attest:	Attest:
Signature	Signature
Title	Title
• • • • • • • • • • • • • • • • • • • •	any additional parties, such as joint venturers. (2) Any

applicable.

03/13/2024 38505-00

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- The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner to pay for labor, materials, and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.
- 2. If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies, and holds harmless the Owner from claims, demands, liens, or suits by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.
- 3. If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 13) of claims, demands, liens, or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, and tendered defense of such claims, demands, liens, or suits to the Contractor and the Surety.
- 4. When the Owner has satisfied the conditions in Paragraph 3, the Surety shall promptly and at the Surety's expense defend, indemnify, and hold harmless the Owner against a duly tendered claim, demand, lien, or suit.
- 5. The Surety's obligations to a Claimant under this Bond shall arise after the following:
  - 5.1 Claimants who do not have a direct contract with the Contractor,
    - 5.1.1 have furnished a written notice of nonpayment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
    - 5.1.2 have sent a Claim to the Surety (at the address described in Paragraph 13).
  - 5.2 Claimants who are employed by or have a direct contract with the Contractor have sent a Claim to the Surety (at the address described in Paragraph 13).
- 6. If a notice of non-payment required by Paragraph 5.1.1 is given by the Owner to the Contractor, that is

- sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Paragraph 5.1.1.
- 7. When a Claimant has satisfied the conditions of Paragraph 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:
  - 7.1 Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and
  - 7.2 Pay or arrange for payment of any undisputed amounts.
  - 7.3 The Surety's failure to discharge its obligations under Paragraph 7.1 or 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Paragraph 7.1 or 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.
- 8. The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Paragraph 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.
- 9. Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.
- 10. The Surety shall not be liable to the Owner, Claimants, or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to or give notice on behalf of Claimants, or otherwise have any obligations to Claimants under this Bond.
- The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.

- 12. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Paragraph 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
- 13. Notice and Claims to the Surety, the Owner, or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.
- 14. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.
- 15. Upon requests by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

#### 16. **Definitions**

- 16.1 **Claim:** A written statement by the Claimant including at a minimum:
  - 1. The name of the Claimant:
  - The name of the person for whom the labor was done, or materials or equipment furnished:
  - A copy of the agreement or purchase order pursuant to which labor, materials, or equipment was furnished for use in the performance of the Construction Contract;
  - 4. A brief description of the labor, materials, or equipment furnished;
  - The date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
  - 6. The total amount earned by the Claimant for labor, materials, or equipment furnished as of the date of the Claim;
  - 7. The total amount of previous payments received by the Claimant; and

- 8. The total amount due and unpaid to the Claimant for labor, materials, or equipment furnished as of the date of the Claim.
- Claimant: An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials, or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms of "labor, materials, or equipment" that part of the water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.
- 16.3 **Construction Contract:** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.
- 16.4 Owner Default: Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
- 16.5 Contract Documents: All the documents that comprise the agreement between the Owner and Contractor.
- 17. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

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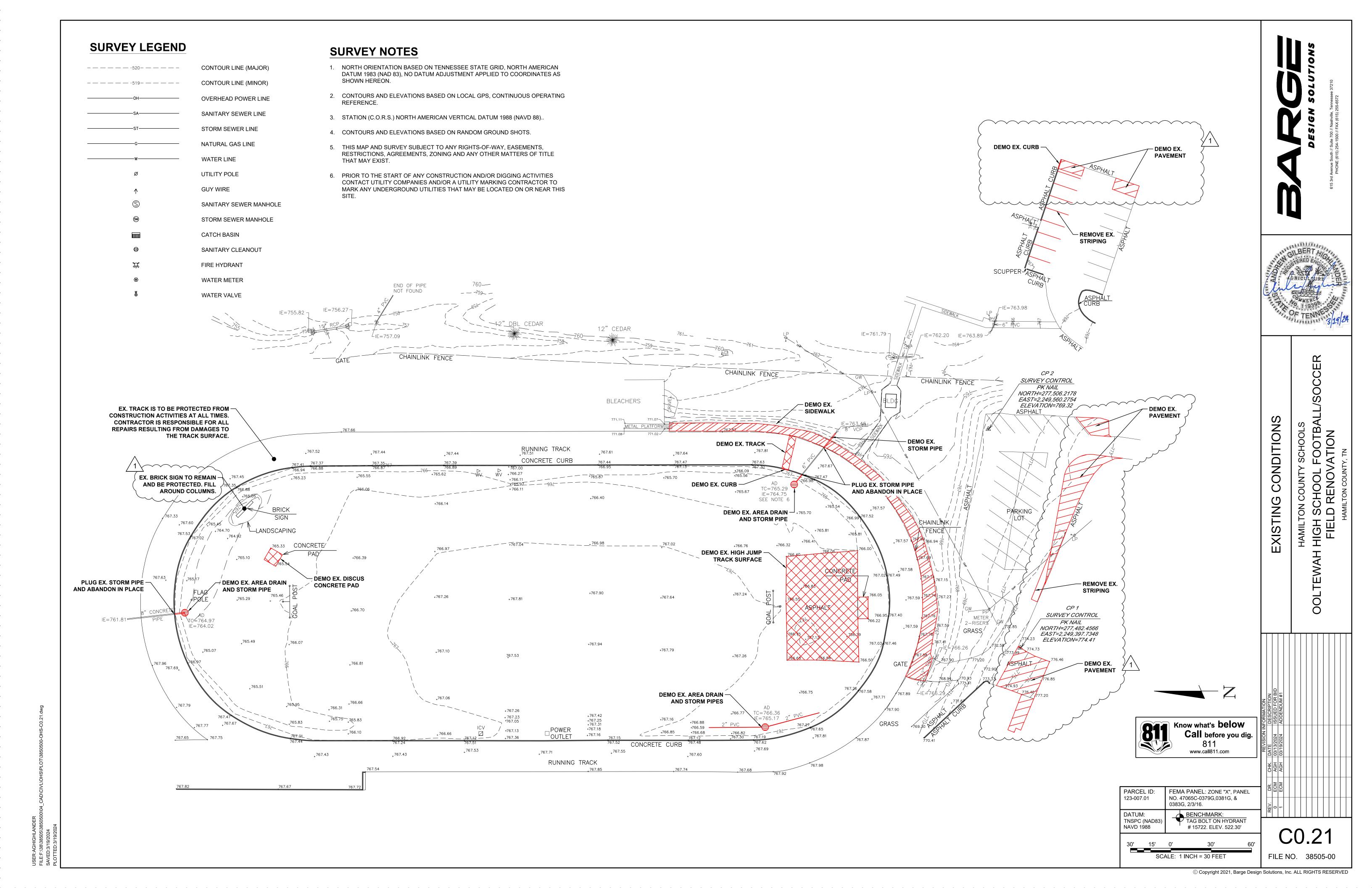
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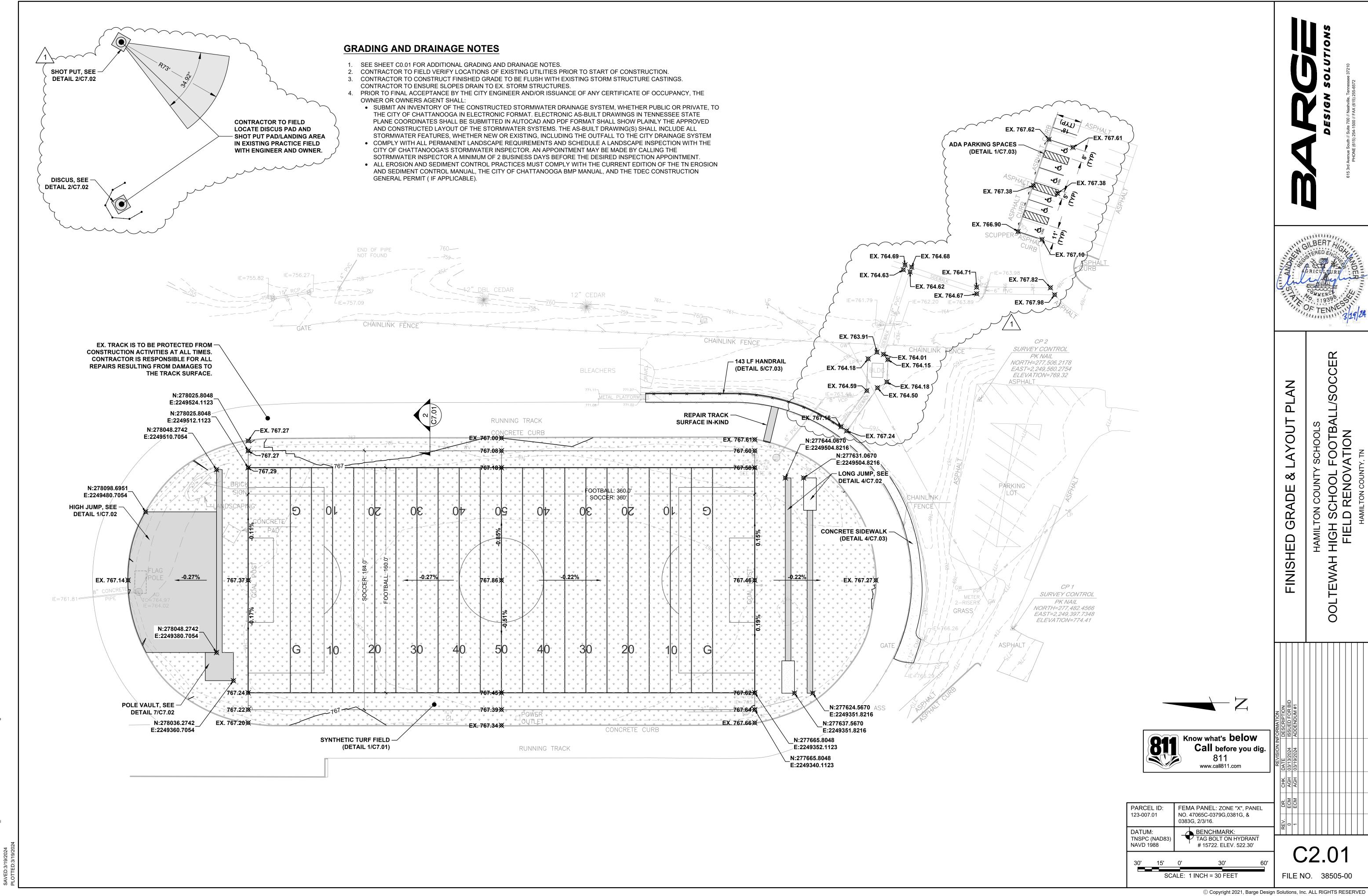
> American Council of Engineering Companies 1015 15th Street N.W., Washington, DC 20005 (202) 347-7474 www.acec.org

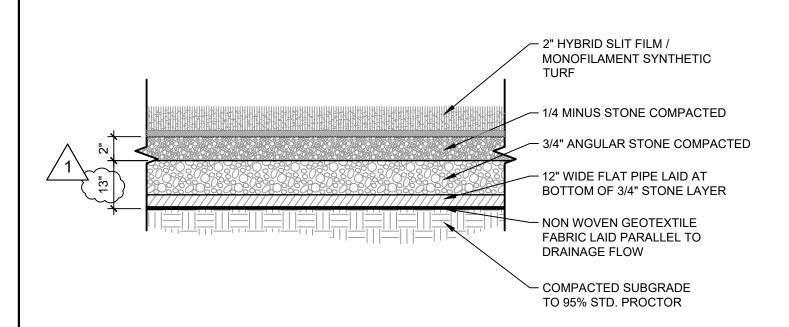
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(800) 548-2723
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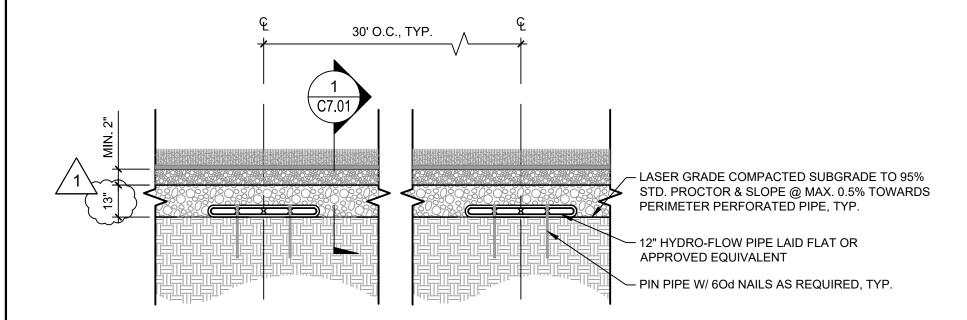
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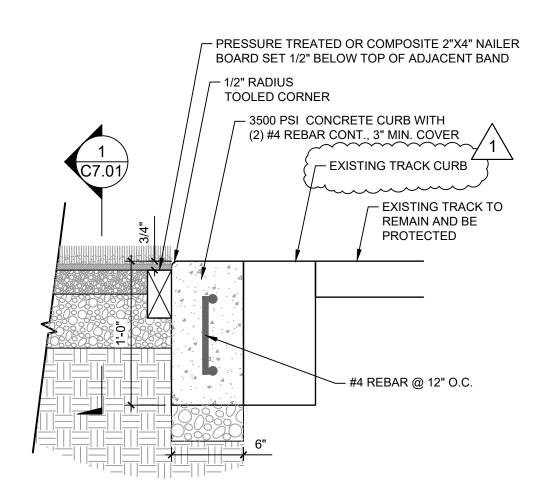
# SYNTHETIC TURF CROSS SECTION



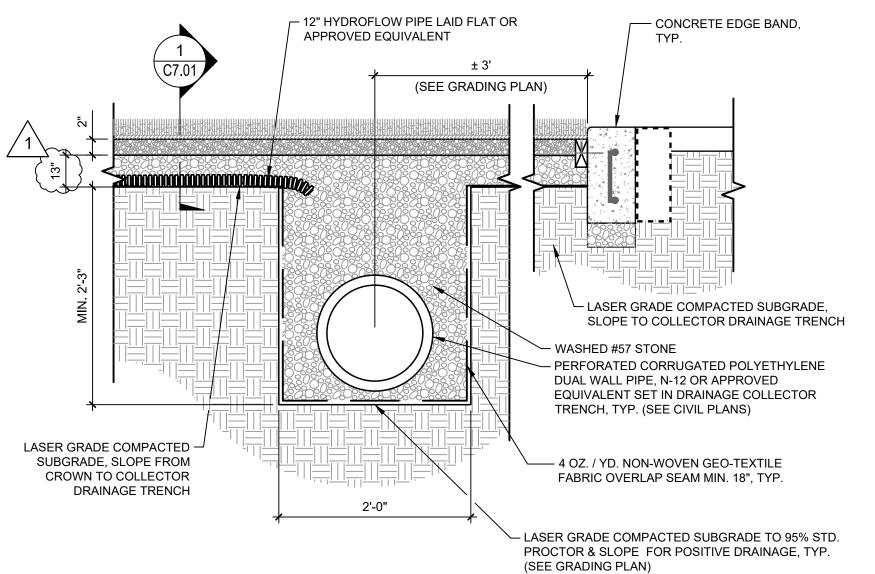
- NOTE:

  SUBGRADE DRAINAGE SYSTEM SHOWN IS A MINIMUM REQUIREMENT. CONTRACTOR SHALL INSTALL SUBGRADE DRAINAGE SYSTEM AS RECOMMENDED BY THE MANUFACTURER OF THE SYNTHETIC TURF. DRAINAGE SHALL BE TIED INTO CIVIL ENGINEER'S DRAINAGE SYSTEM.
- \*FOR PERMEABLE APPLICATION: MIRAFI 140N OR APPROVED EQUIVALENT. FOR SILTY/CLAY SUBGRADES W/ FINES CONTENT <35% AND A PI <20: MIRAFI 500X OR APPROVED EQUIVALENT.



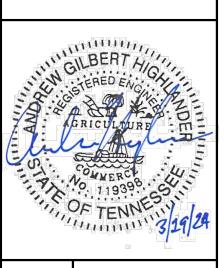


# CONCRETE EDGE BAND SYNTHETIC TURF / EXISTING TRACK



SYNTHETIC TURF FIELD DRAINAGE COLLECTION

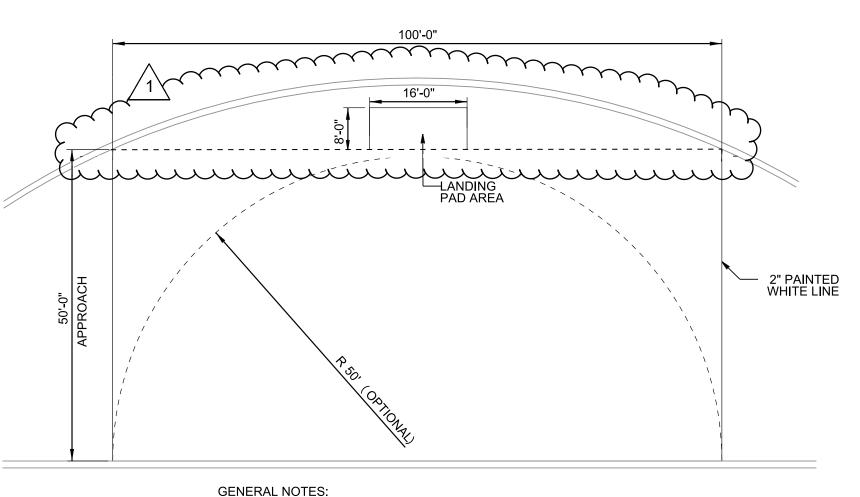
1" = 1'-0"



OOLTEWAH

SITE

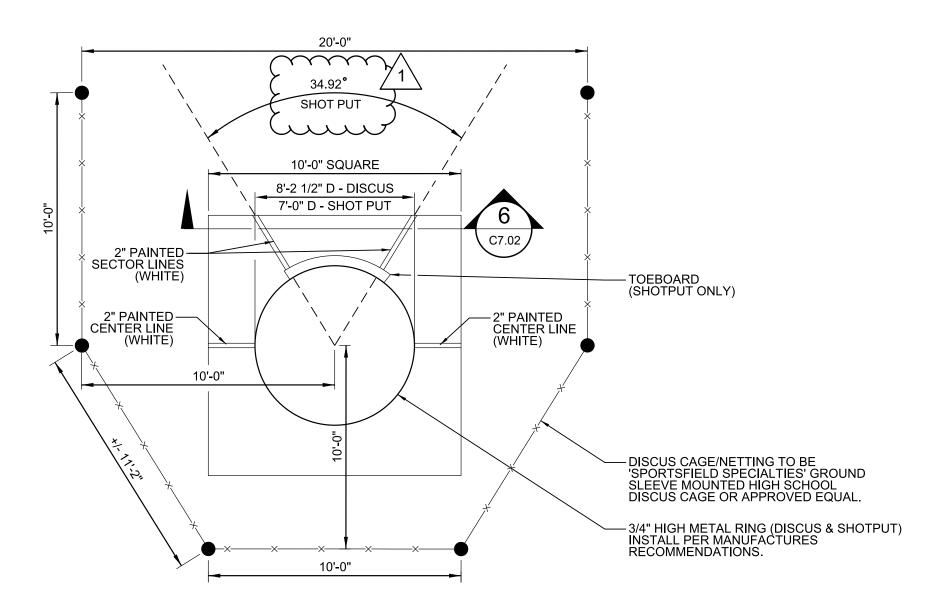
FILE NO. 38505-00



**GENERAL NOTES**:

1. HIGH JUMP SHALL MEET NFSHSA (NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS) FIELD EVENT STANDARDS.

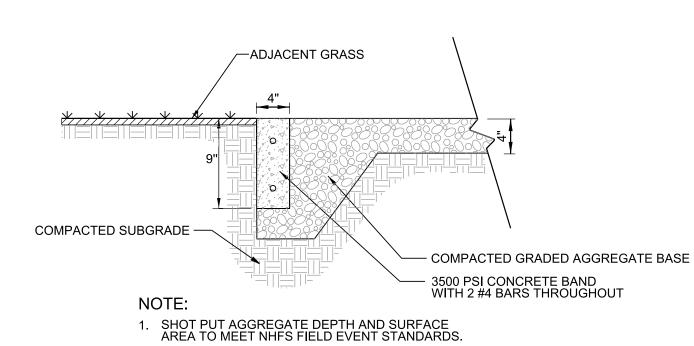




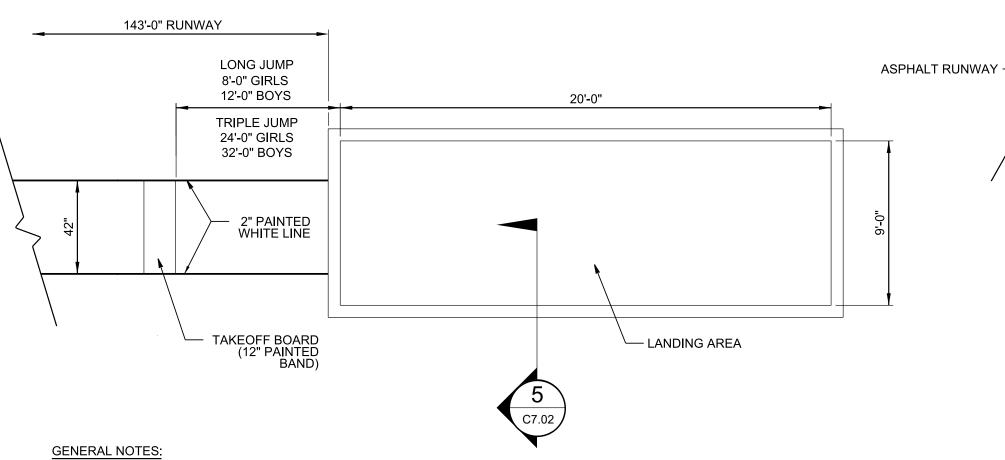
GENERAL NOTES:

1. DISCUS/SHOT PUT SHALL MEET NFSHSA (NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS) FIELD EVENT





SHOT PUT LANDING AREA SECTION C7.02 NTS



TOEBOARD —— (SHOTPUT ONLY)

FINISH GRADE —\_\_\_

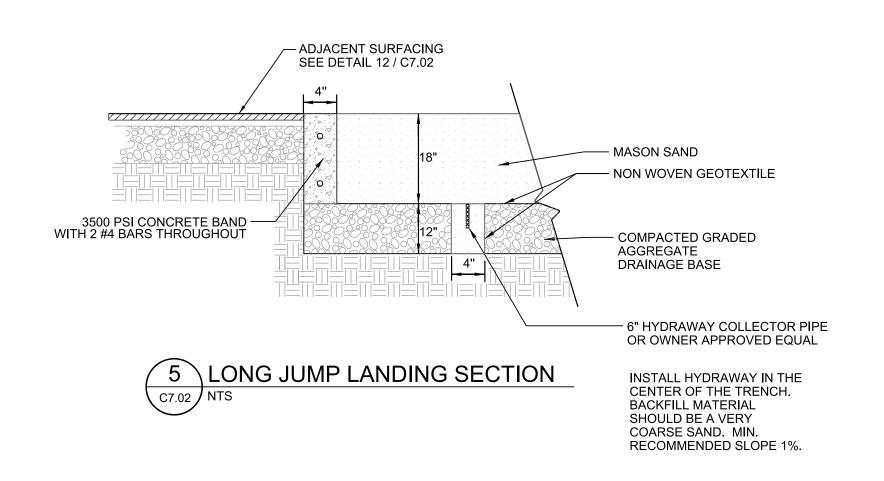
C7.02 NTS

2" MINIMUM DROP -

COMPACTED SUBGRADE

- 1. LONG JUMP/TRIPLE JUMP SHALL MEET NFSHSA (NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS) FIELD EVENT
- 2. ALL MARKINGS FOR BOYS LONG JUMP/TRIPLE JUMP SHALL BE PAINTED WHITE.
- 3. ALL MARKNGS FOR GIRLS LONG JUMP/TRIPLE JUMP SHALL BE PAINTED YELLOW.

LONG JUMP/TRIPLE JUMP DETAILED PLAN C7.02 / NTS



— 4" 3,500 PSI FIBER REINFORCED CONCRETE

- 4" COMPACTED AGGREGATE SUBBASE (#57 STONE)

6 DISCUS/SHOT PUT PAD SECTION

-2" MINIMUM DROP

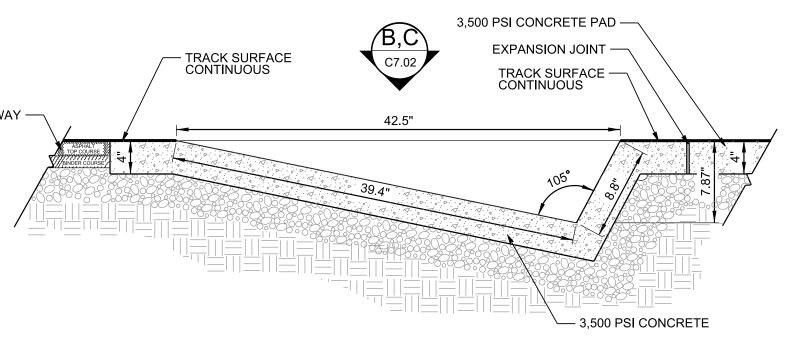
— 3,500 PSI CONCRETE MONOLITHIC POUR TOP COURSE BINDER COURSE (2) #4 BARS. 1.5" MIN.-COVER EACH WAY



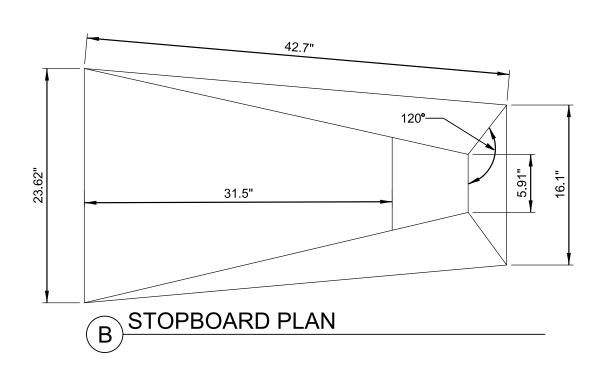
# **RUNWAY SECTION**

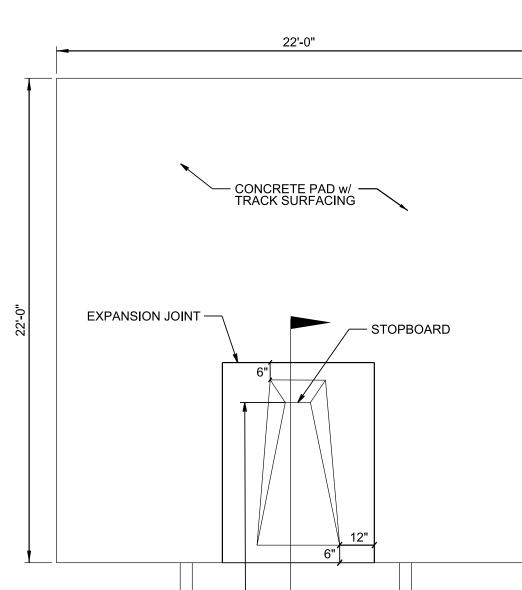
2. STOP BOARD TO BE INSTALLED PER MANUFACTURERS SPEIFICATIONS.

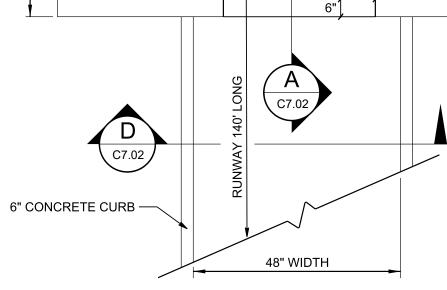
\POLE VAULT DIAGRAM C7.02 / NTS



(A) STOPBOARD SECTION







OVERALL PLAN

## **GENERAL NOTES:**

- 1. POLE VAULT SHALL MEET NFSHSA (NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS) FIELD EVENT

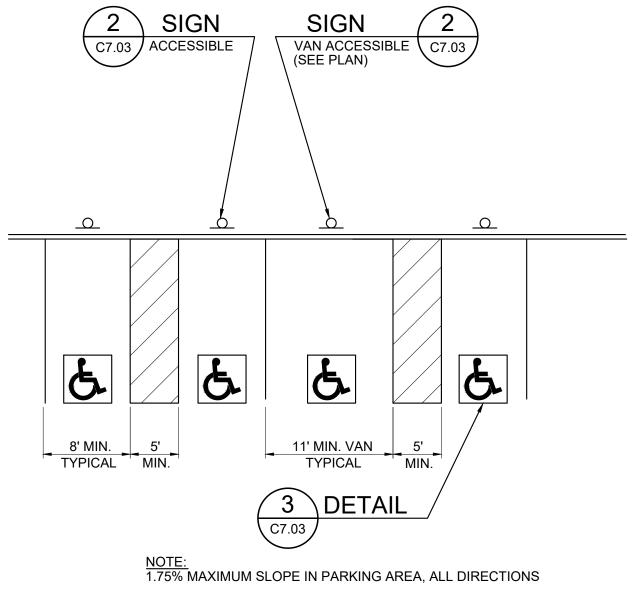
HAMILTON HIGH SC FIELD F

 $\overline{\Box}$ 

S

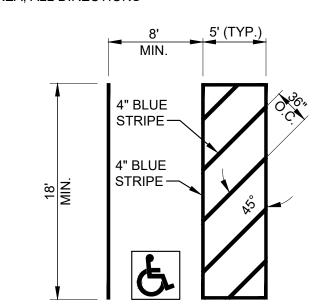
FILE NO. 38505-00

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NOTES:

- 1. SEE SITE PLAN FOR COMPLETE LAYOUT
- THESE DETAILS ARE FOR REFERENCE AND DIMENSION CONTROL ONLY
- 3. ALL DIMENSIONS ARE TO CENTER LINE OF STRIPE UNLESS OTHERWISE NOTED
- 4. STROKE WIDTH SHALL BE 4"
- 5. INTERNATIONAL SYMBOL OF ACCESSIBILITY TO BE PAINTED WHITE WITH A BLUE BACKGROUND AND OPTIONAL WHITE BORDER



UNAUTHORIZED PARKING PUNISHABLE BY \$200 FINE AND -R7-8 MODIFIED SIGN SUBJECT TO TOWING TYPICAL AT ALL STANDARD ACCESSIBLE BY (NAME/PHONE # OF TOWING CO.) OR (NAME/PHONE # OF ACCESSIBLE PARKING SPACES PROPERTY OWNER, LESSEE, OR AGENT) THIS SIGN TYPICAL PRIORITY FOR AT ALL VAN WHEELCHAIR ACCESSIBLE PARKING USER SPACES — - 0.080" ALUMINUM ACCESSIBLE PARKING SIGN. ACCESSIBLE PARKING SIGN BOLT WITH 5/16" (TYP. EACH SPACE) CADMIUM PLATED BOLT, NUTS & WASHERS. 2" SQ. ALUMINUM POST FINISH W/ TWO COATS SEMI-GLOSS BLACK **ENAMEL PAINT** GROUNDLINE / FINISH GRADE -VAN ACCESSIBLE PARKING SECTION ACCESSIBLE PARKING SECTION

3 ACCESSIBLE PARKING PAVEMENT MARKING
C7.03 SCALE: NTS

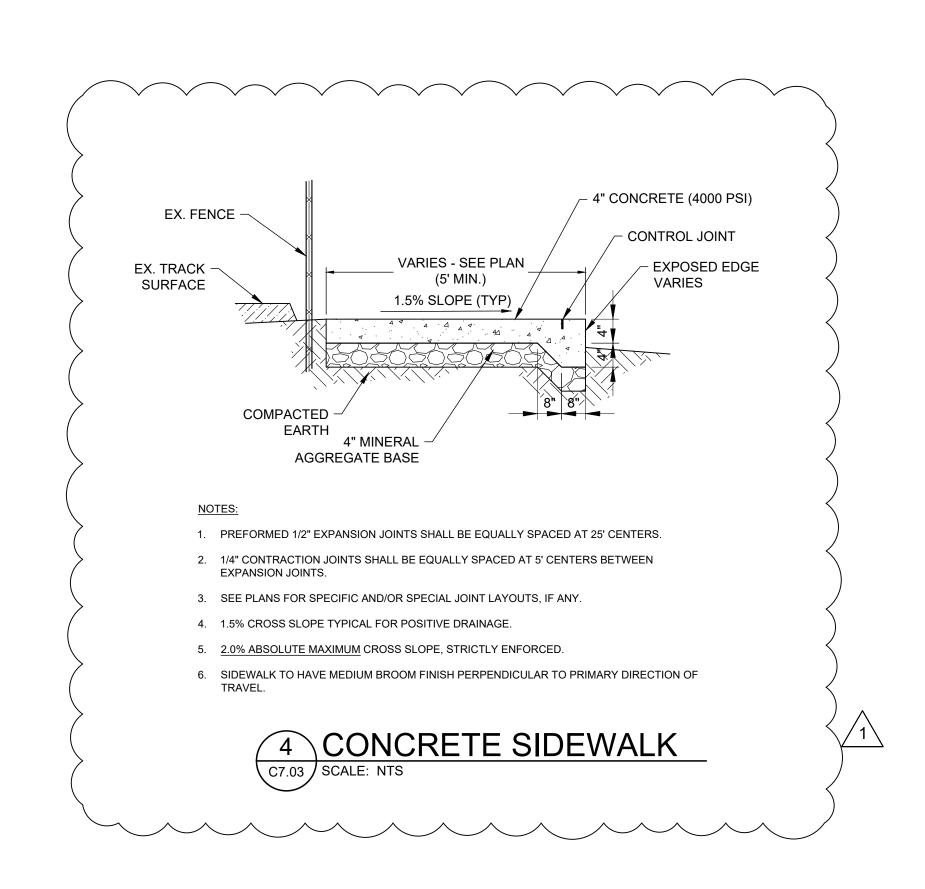
- INTERNATIONAL SYMBOL OF ACCESSIBILITY

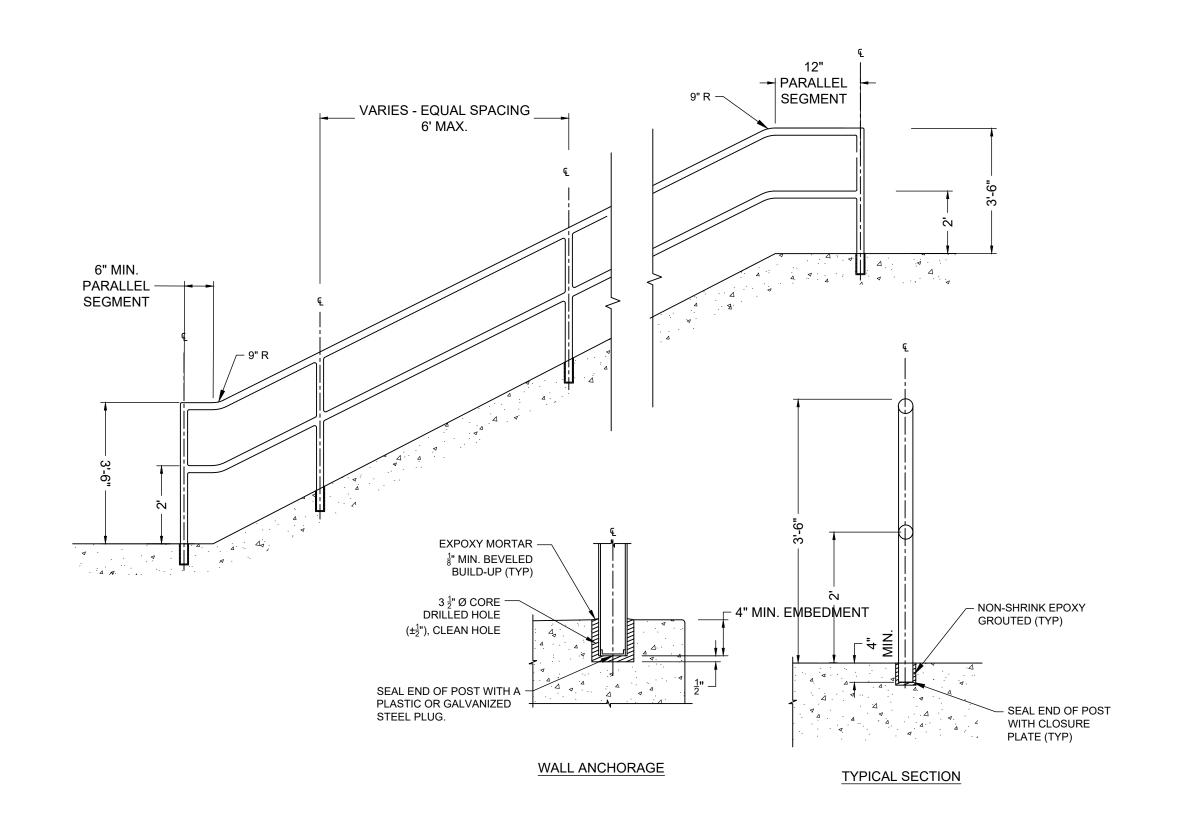
NOTES:

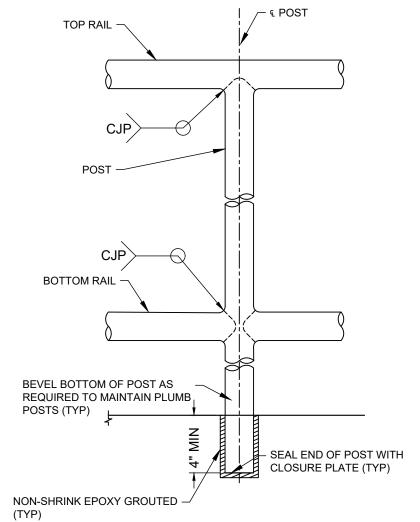
1. REFERENCE: M.U.T.C.D. AND TENNESSEE CODE ANNOTATED § 55-21-108(a)

2 ACCESSIBLE PARKING SIGNS C7.03 | SCALE: NTS









**RAIL CONNECTIONS DETAIL** 

RAILING MEMBER DIMENSION TABLE	
MEMBER	DESIGNATION
POSTS	1.5" NPS (SCH. 80)
RAILS	1.5" NPS (SCH. 40)
RAIL JOINT/SPLICE SLEEVES	1" NPS (SCH. 40)

5 SAFETY RAILING

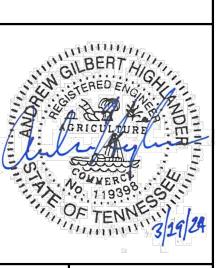
4' x 4' BLUE

- BACKGROUND

(MINIMUM)

· 4" WIDE WHITE

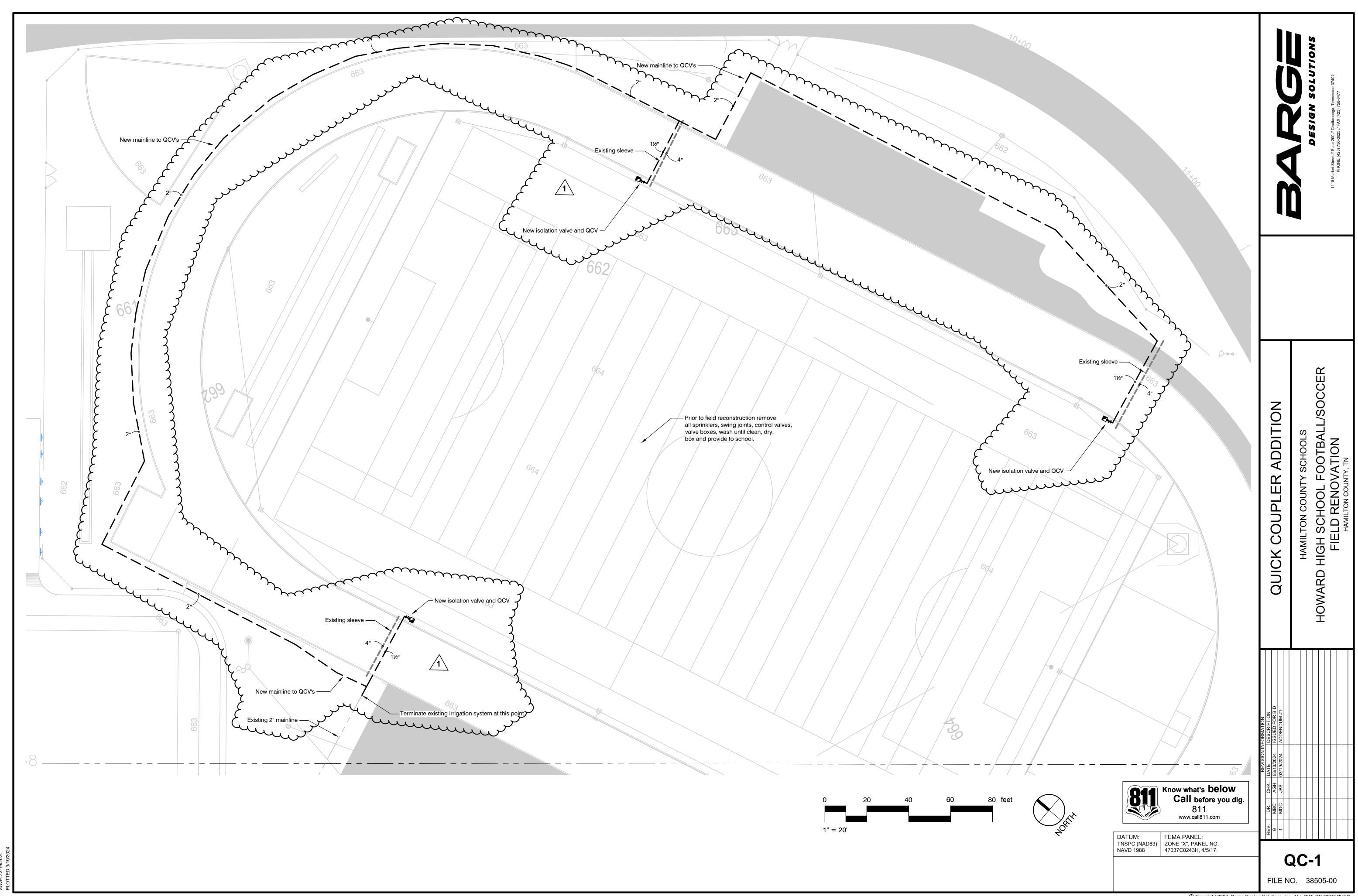
STRIPE (OPTIONAL)



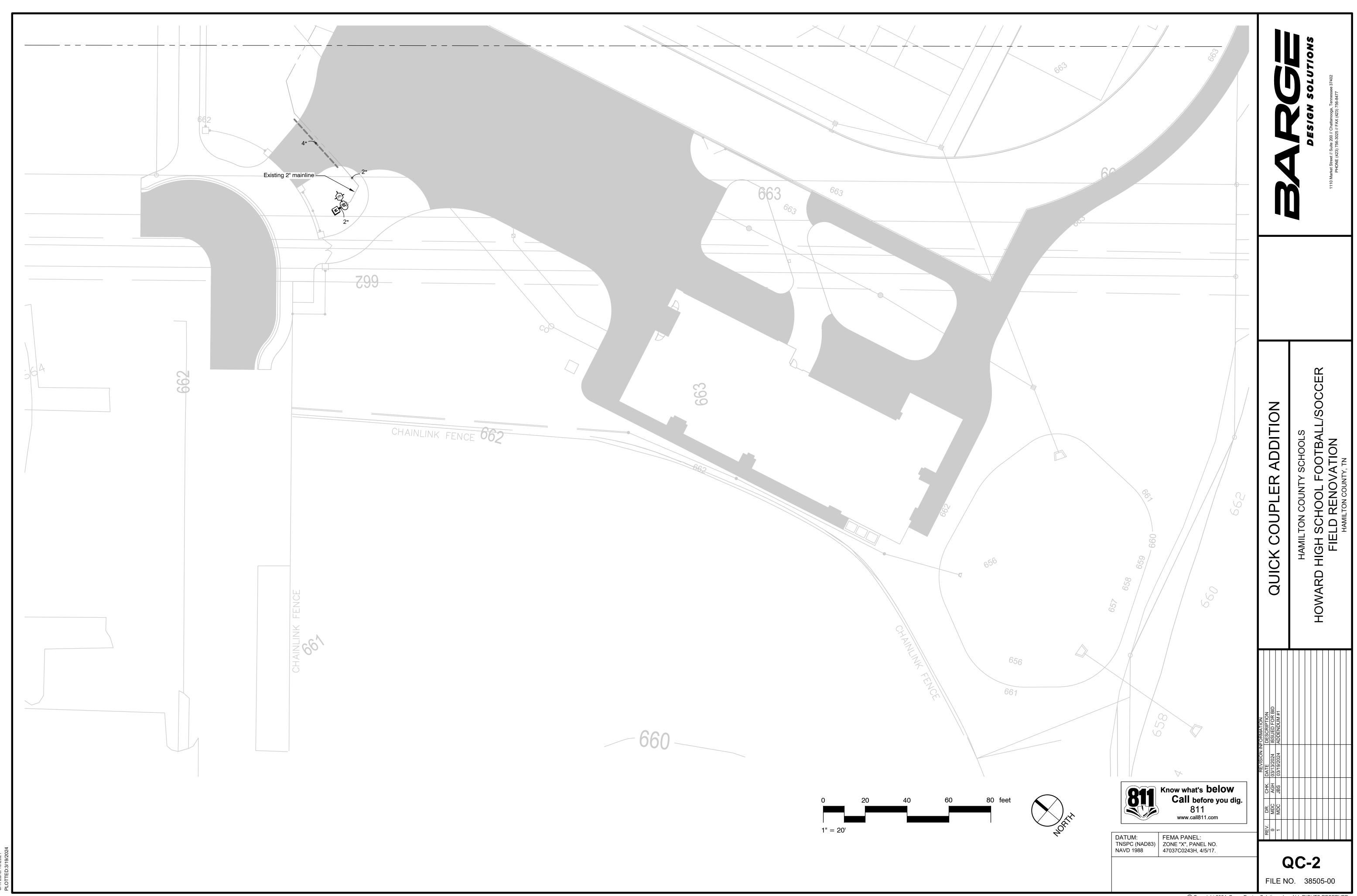
**DETAILS** 

SIT

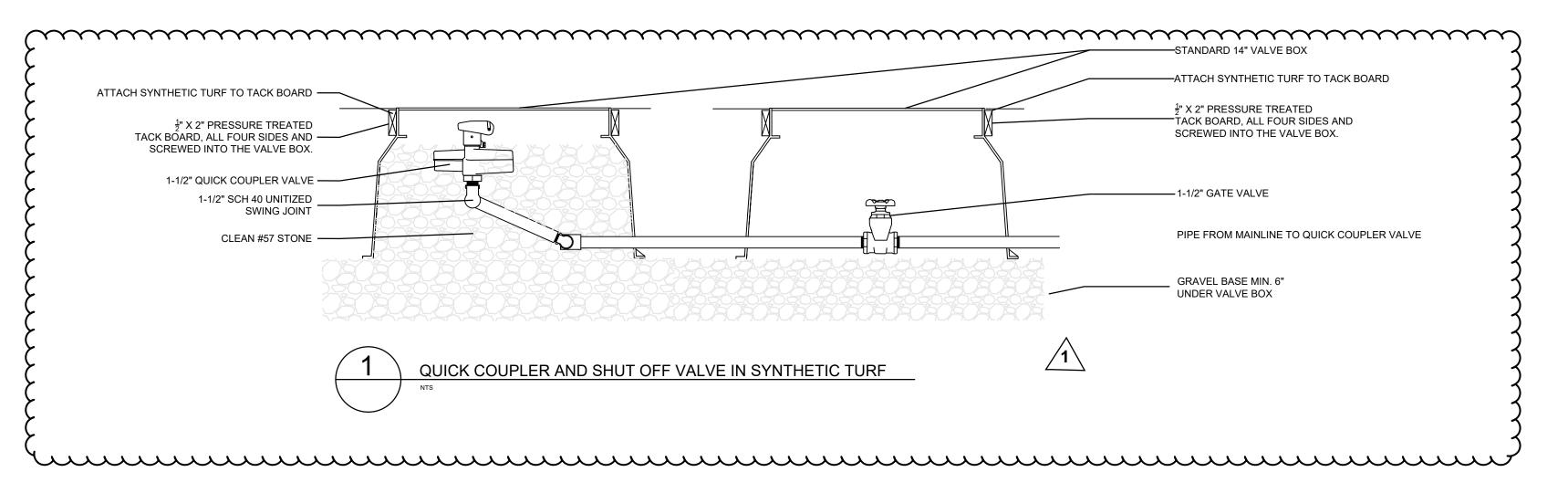
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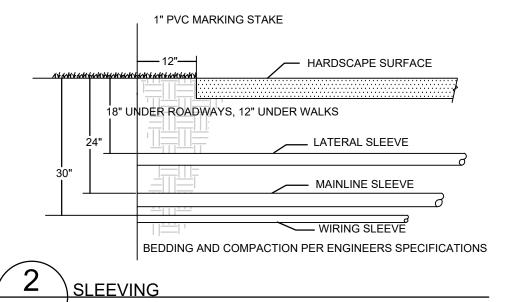


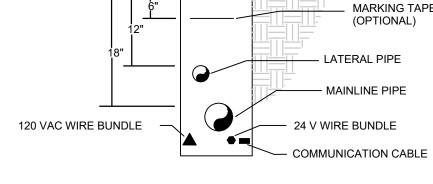
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# IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Hunter HQ-44LRC-AW 1" Quick coupler valve, yellow rubber locking cover, red brass and stainless steel, with 1" NPT inlet, 2-piece body. Acme Key with Anti-Rotation Wings.
X	Nibco T-113 Class 125 bronze gate shut off valve with wheel handle, same size as mainline pipe diameter at valve location. Size Range - 1/4" - 3"
	Irrigation Mainline: PVC Class 200 SDR 21 1 1/2"
	Irrigation Mainline: PVC Class 200 SDR 21 2"
	Pipe Sleeve: PVC Schedule 40 4"

# **GENERAL NOTES**

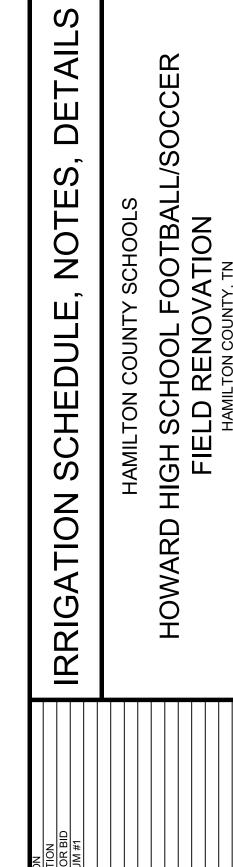
- 1. ALL TRENCHING TO BE OUTSIDE OF TREE DRIP LINE, IF TRENCHING MUST BE DONE WITHIN TREE DRIPLINE FOLLOW TREE PRESERVATION GUIDELINES FOR THE PROJECT OR LOCAL MUNICIPALITY
- 2. MAINLINE TO HAVE MINIMUM OF 18" OF COVER AND A MINIMUM OF 18" OFF OF THE HARDSCAPE
- 3. LATERALS TO HAVE MINIMUM OF 12" OF COVER AND A MINIMUM OF 12" OFF OF THE HARDSCAPE
- 4. NO ROCKS, BOULDERS OR SHARP OBJECTS TO BE IN TRENCH BACKFILL
- ALL PIPE TO BE INSTALLED AS PER MANUFACTURES SPECIFICATIONS
   SPRINKLERS AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS
   CONTROL WIRE TO BE 14 GA UL APPROVED, SINGLE CONDUCTOR, PE
- JACKETED

  9. WIRE SPLICES TO BE DONE AS PER DETAILS
- 10. ALL WIRE SPLICES OUSIDE OF CONTROL VALVE BOX TO BE IN 10" VALVE
- 11. WIRE TO BE COLOR CODED, RED FOR POWER AND WHITE FOR COMMON
- 12. CONTRACTOR SHALL INSTALL MANUFACTURES GROUNDING EQUIPMENT ON BOTH THE POWER AND OUTPUT SIDES
- 13. CONTRACTOR SHALL PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION BY WRAPPING WIRE AROUND 3/4" PIPE 12 TIMES
- 14. AT EACH CHANGE IN MAINLINE DIRECTION CONTRACTOR TO INSTALL A 30"
- LOOP OF EXTRA WIRE
- 15. WIRE TO BE BUNDLED WITH ZIP-TIE EVERY 15'
- 16. SPRINKLERS ARE TO BE ADJUSTED TO AVOID OVER-SPRAY INTO NON-IRRIGATED AREAS
- 17. ELECTRIC CONTROL VALVES ARE TO BE INSTALLED IN VALVE BOXES AS FOLLOWS
  - 14" RECTANGULAR FOR EACH ELECTRIC CONTROL VALVE JUMBO VALVE BOX FOR DRIP ZONE KIT
- 18. SPRINKLERS TO BE INSTALLED 12" FROM FOUNDATIONS AND 2" FROM
- 19. CONTRACTOR TO ADD RISER EXTENSIONS TO SPRINKLERS IF REQUIRED
- TO MAINTAIN PROPER COVERAGE
  20. ALL PIPING TO BE FLUSHED PRIOR TO INSTALLATION OF SPRINKLERS
- 21. ALL VALVES, QUICK COUPLER VALVES, WIRE SPLICES TO BE IN
- LANDSCAPED BEDS WHEREVER POSSIBLE

  22. CONTRACTOR IS RESPONSIBLE FOR OBTAINING PROPER COVERAGE OF
- AREA TO BE IRRIGATED, MAKE ADJUSTMENTS AS NECESSARY
  23. CONTRACTOR SHALL EXERCISE CARE NOT TO DAMAGE EXISTING UTILITIES
- REPAIRING ANY DAMAGES AT HIS OWN COST
  24. PLAN IS DIAGRAMMATIC TO IMPROVE CLARITY ALL IRRIGATION EQUIPMENT
- TO BE INSTALLED WITHIN PROPERTY LINES AND LANDSCAPED AREAS
- 25. ANY DISCREPANCIES BETWEEN THE PLAN AND THE SITE TO BE REFERRED
- TO THE OWNERS REPRESENTATIVE PRIOR TO CONSTRUCTION
  26. CONTRACTOR TO PROVIDE 1 YEAR WARRANTEE OF ALL PRODUCTS AND
- WORKMANSHIP TO INCLUDE WINTERIZATION AND SPRING START-UP
- 27. CONTRACTOR TO PROVIDE OWNER AND OR LANDSCAPE ARCHITECT RECORD DRAWING PRIOR TO SUBSTANTIAL COMPLETION

PUBLIC R.O.W.

- 28. INSTALLATION OF IRRIGATION SLEEVES IS THE IRRIGATION CONTRACTORS RESPONSIBILITY IRRIGATION CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR SLEEVE INSTALLATION PRIOR TO PAVEMENT
- INSTALLATION
  29. CLEANUP AND DISPOSE OF ALL DEBRIS, WASTE AND EXCESS
  CONSTRUCTION MATERIALS LEAVE AREA NEAT, CLEAN AND READY FOR
  OWNERS USE PROVIDE CLEAN PAVEMENT SURFACES INCLUDING AREAS OF



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DATUM: FEMA PANEL:
TNSPC (NAD83) ZONE "X", PANEL NO.
47037C0243H, 4/5/17.