

ADDENDUM NO. 1

August 28, 2023

LOWELL HIGH SCHOOL SITE, BLEACHERS, AND TURF/DRAINAGE
Lowell, IN 46356

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated August 7, 2023 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-2 and attached Addendum No. 1 from Gibraltar Design dated August 18, 2023 and consisting of 3 pages and 14 drawings.

BID DATE IS HEREBY EXTENDED TO SEPTEMBER 20, 2023 AT 10:00AM (CST)

A. SPECIFICATION SECTION 00 00 10 - TITLE PAGE

1. Replace:

Specification Section 00 00 10 - Title Page with the attached revised section.

B. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. Revise:

Specification Section 11 66 43 - Scoreboards to:

Specification Section 11 66 43 - Scoreboards **(For Informational Purposes Only)**

C. SPECIFICATION SECTION 00 02 00 - NOTICE TO BIDDERS

1. Replace:

Specification Section 00 02 00 - Notice to Bidders with the attached revised section.

PROJECT MANUAL

VOLUME I

PROJECT: Lowell High School Site,
Bleachers, and Turf/Drainage
2051 E. Commercial Ave., Lowell, IN 46356

TSC PROJECT NO.: 222100.01

A/E PROJECT NO.: 23-112

OWNER: Tri-Creek School Corporation
19290 Cline Ave., Lowell, IN 46356

ARCHITECT/ENGINEER: Gibraltar Design, Inc.

DATED: August 7, 2023

PRE-BID CONFERENCE/SITE EXAMINATION: August 23, 2023 at 11:00 AM (CST)
Lowell High School
2051 E. Commercial Ave., Lowell, IN 46356

BIDS RECEIVED: September 20, 2023 at 10:00 AM (CST)
Lowell Middle School – Main Entrance
19250 Cline Ave., Lowell, IN 46356

BIDDERS' CONTACTS:

ARCHITECT/ENGINEER:
Gibraltar Design, Inc.
9102 N. Meridian Street, Suite 300
Indianapolis, IN 46260
Architect's Contact: Joe Briggs
Phone: 317-580-5777
Email: jbriggs@gibaltardesign.com

CONSTRUCTION MANAGER:
The Skillman Corporation
8006 Aetna Street
Merrillville, IN 46410
Project Manager: Chris Muvceski
Phone: 219-472-9944
Email: cmuvceski@skillman.com

ADDENDUM NO. 1

SECTION 00 02 00 - NOTICE TO BIDDERS

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received:

By: Tri-Creek School Corporation
19290 Cline Ave.
Lowell, IN 46356

For: Lowell High School Site, Bleachers & Turf/ Drainage
2051 E Commercial Ave.
Lowell, IN 46356

At: Tri-Creek School Corporation - Administration Center
19290 Cline Ave.
Lowell, IN 46356

Until: 10:00 AM (CST), on September 20, 2023

Bid Opening: Bids will be publicly opened and read aloud at **10:00 AM (CST)**, on **September 20, 2023**, in the Administrative Center.

All work for the complete construction of the Project will be under one or more prime contracts with the Owner based on bids received and on combinations awarded. The Construction Manager will manage the construction of the Project.

Construction shall be in full accordance with the Bidding Documents which are on file with the Owner and may be examined by prospective bidders at the following locations:

Office of the Construction Manager
The Skillman Corporation
8006 Aetna Street
Merrillville, IN 46410

The Skillman Plan Room
www.skillmanplanroom.com

Prime and Non-Prime Contract Bidders must place an order on www.skillmanplanroom.com to be able to download documents electronically or request printed documents. There is no cost for downloading the bidding documents. Bidders desiring printed documents shall pay for the cost of printing, shipping, and handling. Reprographic Services are provided by:

Reprographic Arts, 2824 E. Michigan Blvd., Michigan City, IN 46360, Phone (219) 872-9111

ADDENDUM NO. 1

A Pre-Bid Conference will be held on **August 23, 2023 at 11:00 AM (CST), at Lowell High School.** Attendance by bidders is optional, but recommended, in order to clarify or answer questions concerning the Drawings and Project Manual for the Project. Bid security in the amount of ten percent (10%) of the Bid must accompany each Bid in accordance with the Instructions to Bidders.

The successful Bidders will be required to furnish Performance and Payment Bonds for one hundred percent (100%) of their Contract amount prior to execution of Contracts.

Contractors submitting bids for the performance of any Work as specified in this building Project should make such Bids to **Tri-Creek School Corporation**. Contractors are advised that the Contract as finally entered into with any successful Bidder may be entered into with either the School Corporation or the Building Corporation or certain portions of the Contract may be entered into by both the School Corporation and the Building Corporation.

The Owner reserves the right to accept or reject any Bid (or combination of Bids) and to waive any irregularities in bidding. All Bids may be held for a period not to exceed 60 days before awarding contracts.

Tri-Creek School Corporation
By: Andy Anderson, Superintendent

END OF SECTION 00 02 00

ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design for **Lowell High School Site, Bleachers, & Turf/Drainage** for Tri-Creek School Corporation, Lowell, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and include the appropriate content of same within their bid proposal.

CLARIFICATIONS

1. All new scoreboards are for information purposes only the data and power to the scoreboards are in this contract. Existing, relocated scoreboards are still in this package.
2. Downspouts/drains to all buildings; Press Boxes, Dugouts, Tennis Platform, NorthStar, Community Building, etc. are for informational purposes only. For this contract the Storm Sewer for the downspouts/drains are to stop within 5 feet of the building.

DRAWINGS

For each sheet listed in this Addendum, refer to attached full size drawing sheet(s) for revisions, unless noted otherwise.

1. Sheet C-1.1

- A. Four (4) light poles around the track are not being removed, demolition note 6 is removed.
- B. Demolition notes items 33 through 42 are added and identified in the drawing.
- C. On existing softball field, removal of concrete pad & building, demolition note 1 & 7 added.

2. Sheet C-2.2

Clarification: All new scoreboards are for information purposes only the data and power to the scoreboards are in this contract.

- A. Wind screens are added at the new baseball composite turf field, new softball composite turf field, new grass softball field, and tennis courts.
- B. Flag poles and foul ball poles are added at the new grass baseball field, new baseball composite turf field, new softball composite turf field, and new grass softball field.
- C. Flag poles are added at the Northeast of the track and Southwest corner of the soccer field.
- D. New well is identified at the Southwest side of the new grass baseball field.
- E. Heavy duty asphalt pavement section is identified from the new entrance drive all the way to the West side of the soccer practice field/turf field.
- F. Shotput concrete circle, shot put sand pit, discus concrete circle, discus fence, extent of movable fence, pole vault, and long jump are labeled.
- G. Asphalt sidewalk pavement section is added, South of the new long jump.



- H. Dimensions added to the soft surface play area, South of the track.
- I. Concrete pad size for the bleacher on the East side of the track is revised.
- J. Walkway and grass area on the Northwest side of the track is revised.
- K. Walkway and fence area entrance to the tennis court from the parking lot is revised.
- L. Fence line configuration on the west side of the soccer field is revised.
- M. All fence height and gate size are labeled.
- N. Key dimensions to baseball field and softball field are added.
- O. Refer to C-2.2A (football), C-2.2B (soccer), C-2.2C (softball turf field), and C-2.2D (baseball turf field) are labeled.
- P. Relocated transformer pad is added North of the community building.
- Q. Press box building is added West of the track/bleacher.

3. Sheet C-2.2C

- A. Removed Extraneous details and dimensions.

4. Sheet C-2.2D

- A. Removed extraneous note.

5. Sheet C-3.2

Clarification: Downspouts/drains to all buildings, Press Boxes, Dugouts, Tennis Platform, NorthStar, Community Building, etc are for informational purposes only. For this contract the Storm Sewer for the downspouts/drains are to stop within 5 feet of the building.

- A. Trench drain added to each dugout of the softball turf (2~20'~4" wide grate prefabricated pvc trench drain)
- B. Down spouts, cleanout and down spout line added from the press box of softball turf.
- C. Down spouts, cleanout and down spouts line added from the tennis platform.
- D. Str #65 & #66, 4" pvc & 4" perforated pipe are added at the softball field.

6. Sheet C-3.3

Clarification: Downspouts/drains to all buildings, Press Boxes, Dugouts, Tennis Platform, NorthStar, Community Building, etc are for informational purposes only. For this contract the Storm Sewer for the downspouts/drains are to stop within 5 feet of the building.

- A. Trench drain added to each dugout of the baseball turf (2~20'~4" wide grate prefabricated pvc trench drain)
- B. Down spouts, cleanout and down spout line added from the press box of baseball turf.
- C. Down spouts, cleanout and down spout line added from the press box of soccer field.
- D. Down spouts, cleanout and down spout line added from the Northstar building.
- E. Down spouts, cleanout and down spout line added from the new maintenance storage building.
- F. 4" perforated pipe undrain are added at the shotput sand pit.
- G. Str #67 & #68, 4" pvc & 4" perforated pipe are added at the baseball field.
- H. Storm sewers and grading are revised at the Northwest of the track & Southwest of the Northstar building.

7. Sheet C-4.2

- A. Fire hydrant connection, fire service and domestic service line routes are revised for the Northstar building.

8. Sheet C-5.2

- A. Moved "SOFTBALL/BASEBALL BACKSTOP" detail to sheet C-5.4 and enlarged.
- B. Added "ATHLETIC SURFACE" detail.
- C. Updated "TENNIS COURT SAW JOINT LAYOUT DETAILS" TO "TENNIS COURT LAYOUT."
- D. Removed "TRACK & SOCCER FIELD BARRIER DETAIL."
- E. Revised "TENNIS COURT PAVING" detail.
- F. Replaced "TENNIS COURT TRENCH DRAIN" detail with new version and added "DUGOUT" wording.

9. Sheet C-5.4

- A. Created sheet C-5.4.
- B. Added full "LONG JUMP" detail.
- C. Added full "POLE VAULT RUNWAY" detail.
- D. Moved "SOFTBALL/BASEBALL BACKSTOP" detail to this sheet and enlarged it.
- E. Added "(DOWN SPOUT) ROOF DRAIN PIPE CONNECTION" Detail.
- F. Added "(INFILTRATION TRENCH UNDERDRAIN) PERFORATED PIPE TRENCH DETAIL."
- G. Added "NYOPPLAST INLINE DRAIN."

10. Sheet ES108

- A. Added relocation of existing utility pole.

11. Sheet ES109

- A. Added relocation of existing utility pole.

12. Sheet ES110

- A. Revised existing lighting pole from demo to existing to remain.

13. Sheet ES111

- A. Added existing lighting pole and note to reconnect circuitry.
- B. Added power connection and low voltage conduit for new sign.
- C. Added power connection and low voltage conduit for new gate.

14. Sheet ES112

- A. Added power connection and low voltage conduit for new gates.
- B. Added wall sconce lighting to masonry columns.

Pages 1 through 3, inclusive, and fourteen (14) Full-Size Drawings, constitute the total makeup of **Addendum One**.



GIBRALTAR

DESIGN

Lowell High School Site, Bleachers,
& Turf/Drainage
23-112

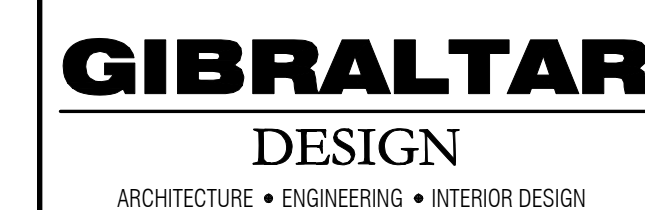


GIBRALTAR

DESIGN

Joseph P. Briggs

Y:\23-112 Tri-Creek SC - Lowell HS Site Improvements\Specs\Addendum 1\23-112_ADD#1.doc



PROJECT:
**LOWELL HIGH
SCHOOL SITE
BLEACHERS, &
TURF/DRAINAGE**
TRI-CREEK SCHOOL CORPORATION

TORRENGA ENGINEERING, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
907 RIDGE ROAD
MUNSTER, IN 46321
T: (219) 836-8918
F: (219) 836-1138

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
23-112
DATE
08/04/23
COORDINATED BY
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DRAWN BY
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CHECKED BY
DCT/AM

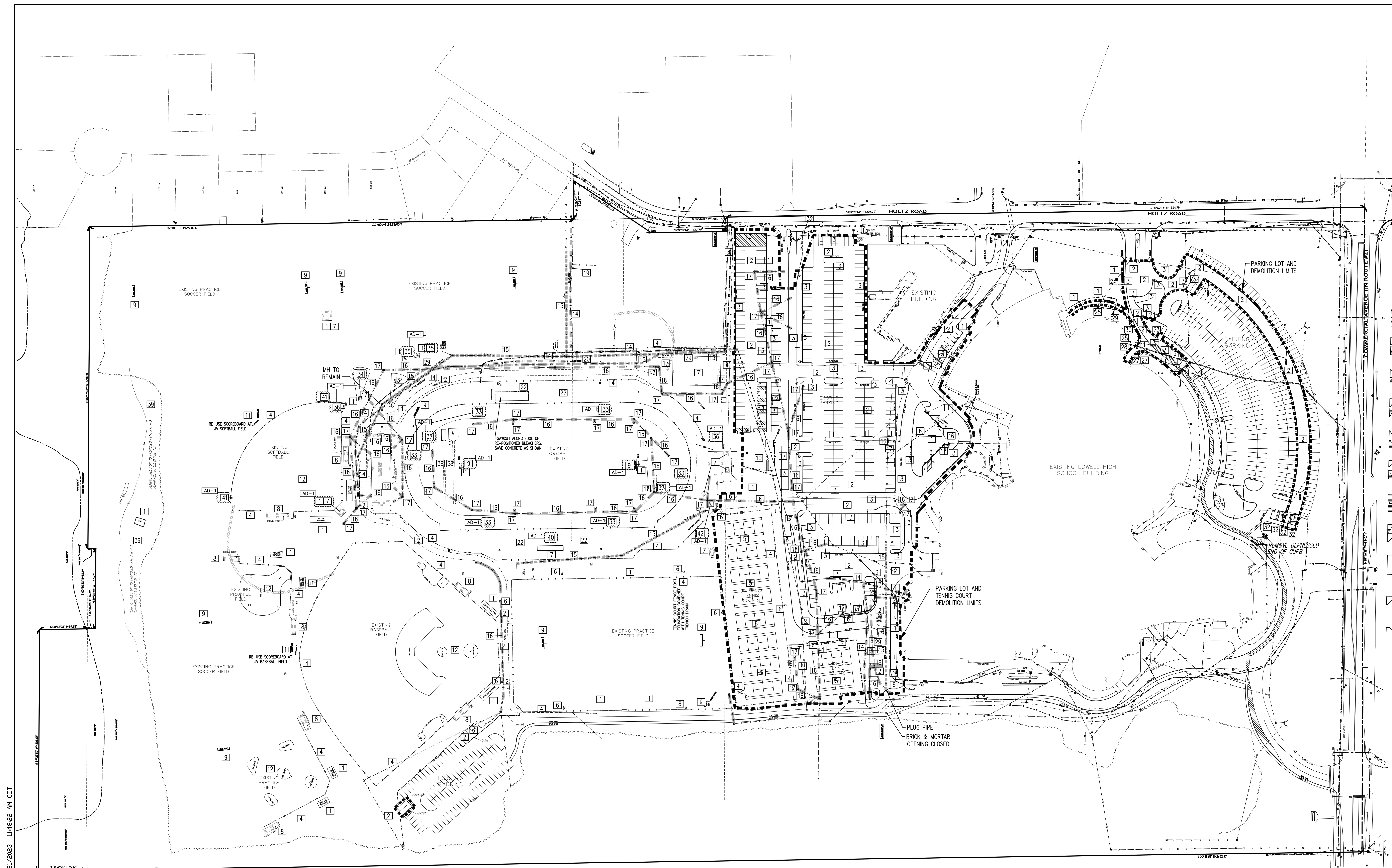
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DRAWING
DEMOLITION PLAN

PROJECT	LOWELL HIGH SCHOOL SITE BLEACHERS, & TURF/DRAINAGE
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© GIBALTAR DESIGN	SHEET C-1.1
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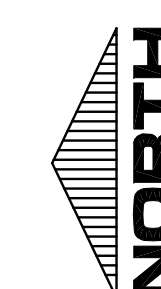


- | DEMOLITION NOTES | |
|------------------|-----------------------------------------------------------------------------------------------|
| 1 | REMOVE CONCRETE PAVEMENT/SIDEWALK (SAWOUT AS NEEDED) |
| 2 | REMOVE ASPHALT PAVEMENT |
| 3 | REMOVE CURB |
| 4 | REMOVE FENCE |
| 5 | REMOVE TENNIS COURT |
| 6 | REMOVE & SALVAGE LIGHT POLE (SEE ELECTRICAL PLANS) |
| 7 | REMOVE BUILDING |
| 8 | REMOVE BASEBALL/SOFTBALL DUGOUT |
| 9 | REMOVE SOCCER/FOOTBALL GOAL/SCOREBOARD |
| 10 | REMOVE TREE |
| 11 | REMOVE SCOREBOARD SALVAGE AND REUSE IF SPECIFIED |
| 12 | REMOVE INFIELD |
| 13 | REMOVE & RELOCATE POWER POLE (SEE ELECTRICAL PLANS) |
| 14 | REMOVE WATER MAIN |
| 15 | REMOVE SANITARY SEWER |
| 16 | REMOVE STORM SEWER/PERFORATED PIPE |
| 17 | REMOVE STORM STRUCTURE |
| 18 | REMOVE SANITARY STRUCTURE |
| 19 | REMOVE & RELOCATE FIRE HYDRANT |
| 20 | REMOVE FIRE HYDRANT |
| 21 | REMOVE CONCRETE PAD AND GOAL POST |
| 22 | REMOVE CONCRETE, FOOTINGS & PIERS UNDER EXISTING BLEACHERS |
| 23 | REMOVE CONCRETE WALK/STAIRS |
| 24 | REMOVE AND RELOCATE SIGNAGE |
| 25 | REMOVE AND RELOCATE CLEANOUT |
| 26 | REMOVE EXISTING STORM SEWER LINE |
| 27 | REMOVE CLEAN OUT |
| 28 | REMOVE AND RELOCATE CLEAN OUT |
| 29 | REMOVE AND RELOCATE FIBER OPTIC MANHOLE |
| 30 | REMOVE AND RELOCATE GAS LINE |
| 31 | REMOVE AND RELOCATE ELECTRIC LINES |
| 32 | REMOVE BOOM GATE, CONCRETE PAD & CARD READER, STORE FOR FUTURE USE TO BE DETERMINED BY OWNER. |
| 33 | REMOVE SIGNAGE, STORE FOR FUTURE USE TO BE DETERMINED BY OWNER. |
| 34 | REMOVE TRACK SURFACE ASPHALT BASE TO REMAIN |
| 35 | REMOVE SAND PIT |
| 36 | REMOVE DISC FENCE |
| 37 | REMOVE WELL |
| 38 | REMOVE PLAY CLOCK |
| 39 | REMOVE LONG JUMP AND POLE VAULT |
| 40 | REMOVE TREES TO PROPOSED CONTOUR 703 |
| 41 | REMOVE & SALVAGE BLEACHERS |
| 42 | REMOVE & SALVAGE FOUL POLE |
| | REMOVE TRANSFORMER & CONCRETE PAD (SEE ELECTRICAL PLAN) |

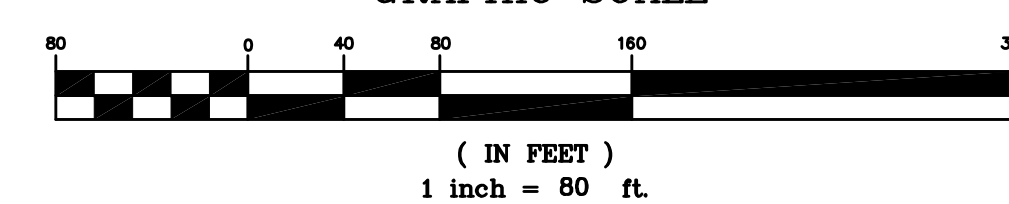
NOTES

1) THE CONTRACTOR SHALL DETERMINE IF DAMAGE TO THE RUNNING TRACK WILL BE CAUSED BY REMOVING THE EXISTING STRUCTURES AROUND THE PERIMETER OF THE FOOTBALL FIELD. IF IT IS DETERMINED THAT DAMAGE WILL OCCUR, THE CONTRACTOR SHALL REMOVE THE TOP PORTION OF THE STRUCTURE A MINIMUM OF 2 FEET BELOW THE FINAL PROPOSED ELEVATION OF THE TURF FIELD AND REPLACE THE EXISTING COVER WITH A SOLID COVER.

2) THE CONTRACTOR SHALL REFER TO THE ELECTRICAL PLANS FOR LINE REMOVAL AND RELOCATION. THE ELECTRIC LINES AND LIGHT POLE LOCATION SHOWN ON THIS DRAWING ARE TAKEN FROM THE ELECTRICAL PLAN SET.



GRAPHIC SCALE





GIBALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:
**LOWELL HIGH SCHOOL SITE
BLEACHERS, &
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TRI-CREEK SCHOOL CORPORATION

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CONSULTING ENGINEERS & LAND SURVEYORS
807 RIDGE ROAD
MONSTER, IN 46221
T: (219) 836-8918
F: (219) 836-1136

GIBALTAR DESIGN
9102 N. Meridian St., Ste. 300
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Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
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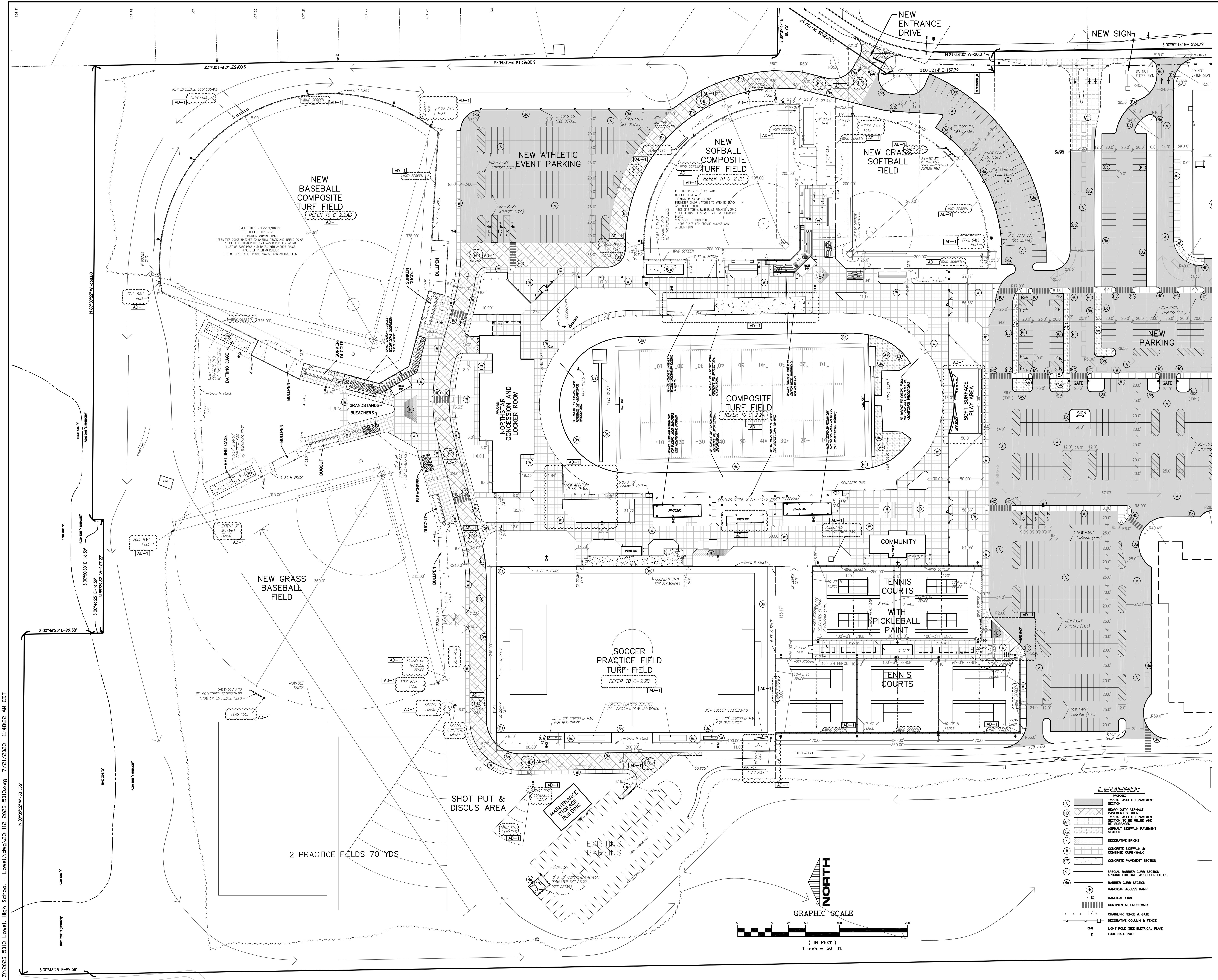
REVISIONS	MARK	DATE	ISSUED FOR
AD-1	08/18/23	ADDENDUM NO. 1	

DRAWING
SITE PLAN - NORTH

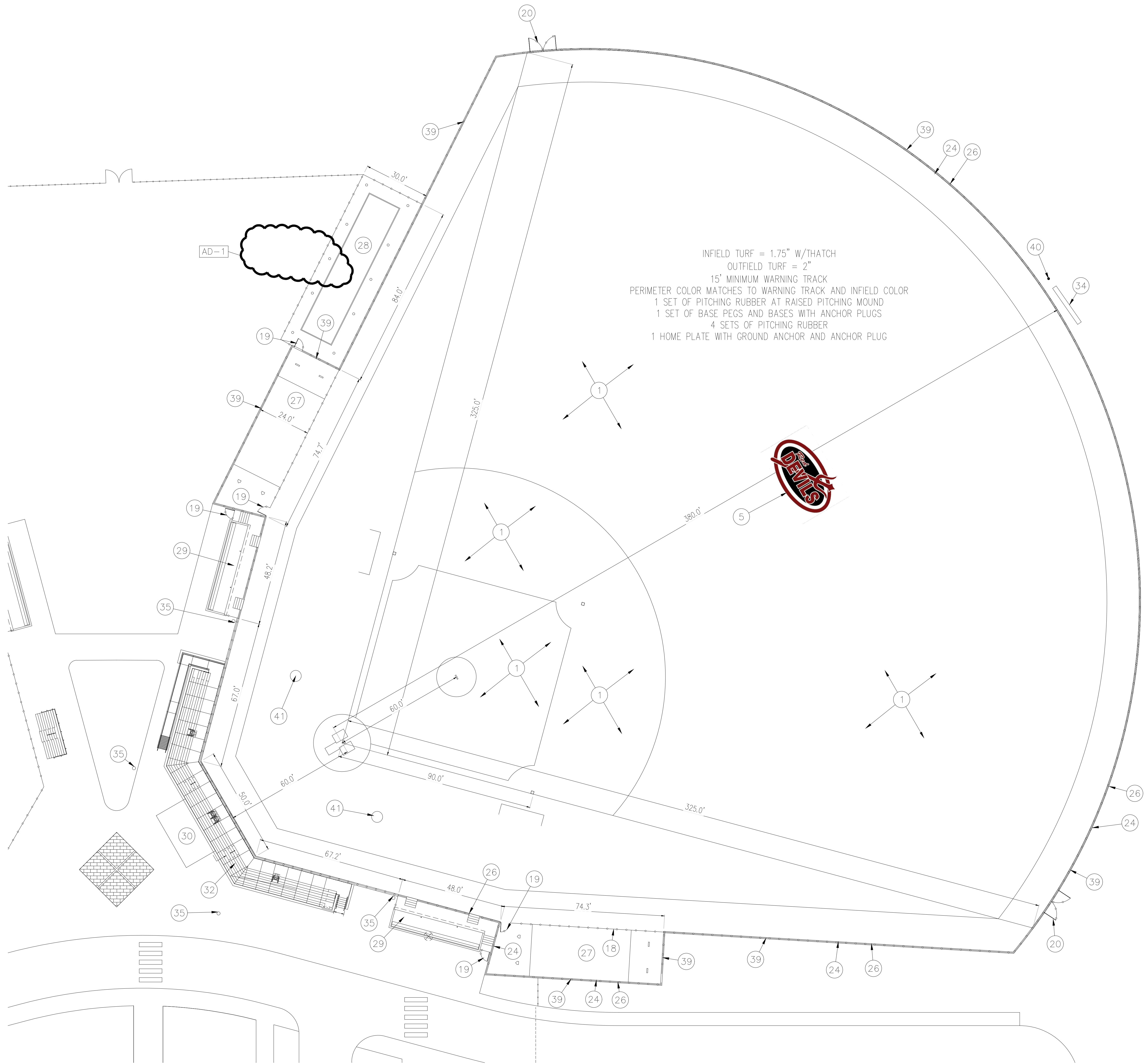
PROJECT
LOWELL HIGH SCHOOL SITE
BLEACHERS, & TURF/DRAINAGE

GIBALTAR DESIGN SHEET


C-2.2



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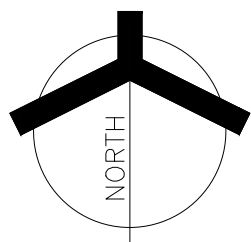


0 10' 20' 40'



SCALE: 1" = 20'

BASEBALL FIELD TURF LAYOUT PLAN



GENERAL PLAN NOTES:

- A. CONTRACTOR IS TO PROVIDE TOTAL ARTIFICIAL TURF REPLACEMENT COMPLETE, NEW TURF, NEW INFILL, NEW 2X4, PERIMETER TREATED WOOD BLOCKING, AND NEW LOGOS/TEXT AS INDICATED.
- B. CONTRACTOR IS TO MATCH ALL EXISTING LINework, PLAYER BOXES, PERIMETER BAND, ETC.
- C. CONTRACTOR IS REQUIRED TO MATCH THE EXISTING GRADES TO THE GREATEST DEGREE POSSIBLE.
- D. CONTRACTOR IS TO COORDINATE AND PROVIDE FOR SUB-TURF ACCESS TO ANY EXISTING VALVES, HAND-HOLES OR UTILITY BOXES AS REQUIRED.

PLAN NOTES:

- 1 PROVIDE NEW SYNTHETIC TURF AND SUB-BASE DRAINAGE SYSTEMS AS SPECIFIED.
- 2 NEW TURF TEXT. TEXT IS "LOWELL".
- 3 NEW TRACK SURFACE ON EXISTING ASPHALT. - PROTECT AS REQUIRED.
- 4 NEW FOOTBALL GOALPOST REFER TO DETAILS.
- 5 NEW INLAID TURF -LOGO- OWNER WILL PROVIDE NEW LOGO, REFER TO SPECIFICATIONS.
- 6 INFILL EXISTING GRASS AREA WITH NEW ASPHALT AND TRACK SURFACE.
- 7 END LINES AND SIDELINES - CONTINUOUS LINES 6" WIDE TYPICAL. ALL OTHER LINES ARE 4" TYPICAL.
- 8 STOP ALL YARD LINES INSIDE BOUNDARIES 4" FOR EACH SIDE LINE TYPICAL.
- 9 BOUND LINES SHALL BE 24" LONG, 4" WIDE, TYPICAL.
- 10 6"-0" WIDE BOARDER AROUND FIELD WITH 12'-0" WIDE PLAYERS AREA ON BOTH SIDES OF FIELD. BOARDER AND PLAYERS BOX TO BE CUSTOM RED COLOR. THE 6" BOARDER IN FRONT OF THE PLAYERS BOX IS TO BE WHITE IN LIEU OF THE CUSTOM RED.
- 11 YARD LINE NUMBERING TO BE 24" WIDTH AND MINIMUM 4" WIDE LINES FOR EACH NUMBER AND INCLUDE MATCHING DIRECTIONAL ARROW - TYPICAL.
- 12 PROVIDE CONCRETE CURB ON FOOTBALL FIELD PERIMETER OF TRACK CONDITION AND AT FIELD EVENTS FOR NEW ARTIFICIAL TURF.
- 13 CONTRACTOR TO INSTALL/CONNECT TURF DRAINAGE SYSTEM DIRECTLY TO MANHOLE IN ORDER OF DESIGN OF TIE-IN AND DRAINAGE DESIGN AND LAYOUT TO BE PROVIDED AS REQUIRED PER SPECIFICATIONS.
- 14 NEW LONG JUMP REFER TO SITE DETAILS AND SPECIFICATIONS.
- 15 NEW POLE VAULT REFER TO SITE DETAILS AND SPECIFICATIONS.
- 16 NEW SCOREBOARD IN EXISTING LOCATION.
- 17 NEW DELAY OF GAME CLOCK IN EXISTING LOCATION.
- 18 NEW 4" BLACK VINYL COATED FENCE.
- 19 NEW 3" DOUBLE GATE.
- 20 NEW 10' GATE.
- 21 NEW HOME GRANDSTAND AND PRESS BOX, REFER TO ARCHITECTURAL.
- 22 RELOCATED VISITOR BLEACHERS, REFER TO ARCHITECTURAL.
- 23 NEW STORAGE BUILDING UNDER GRANDSTANDS REFER TO ARCHITECTURAL.
- 24 NEW 6" BLACK VINYL COATED FENCE.
- 25 NEW 2" BLACK VINYL COATED FENCE.
- 26 WINDSCREEN ON CHAIN LINK FENCE.
- 27 TURF BULLEEN.
- 28 BATTING CAGE AND CONCRETE SLAB.
- 29 SUNKEN DUGOUTV REFER TO ARCHITECTURAL.
- 30 MASONRY PRESS BOX REFER TO ARCHITECTURAL.
- 31 VARSITY SOFTBALL GRANDSTAND REFER TO ARCHITECTURAL.
- 32 VARSITY BASEBALL GRANDSTAND REFER TO ARCHITECTURAL.
- 33 SOCCER GRANDSTAND REFER TO ARCHITECTURAL.
- 34 NEW SCOREBOARD REFER TO SPECIFICATIONS.
- 35 BACKSTOP POLE AND NETTING.
- 36 NEW 10' BLACK VINYL COATED FENCE.
- 37 NEW COVERED PLAYERS BENCHES WITH NEW CONCRETE SLAB.
- 38 NEW 20 PERSON BLEACHER WITH CONCRETE PAD.
- 39 PROVIDE CONCRETE CURB ON FIELD PERIMETER FOR NEW ARTIFICIAL TURF.
- 40 FLAG POLE, REFER TO ELECTRICAL FOR LIGHTING.
- 41 NEW INLAID TURF -LOGO- AT NEXT BATTER BOX, OWNER WILL PROVIDE NEW LOGO, REFER TO SPECIFICATIONS.

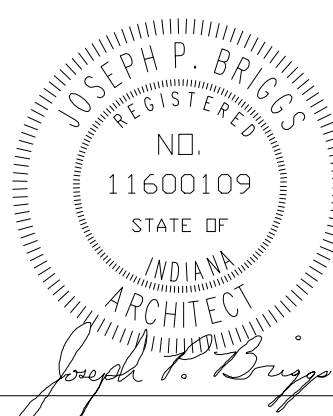
SYMBOL LEGEND:

- | | |
|--------|------------------------------------------------------------------|
| XXX.XX | — TOP OF CURB (APPROX. - INTENT IS TO MATCH EXISTING TRACK EDGE) |
| XXX.XX | — TOP OF STONE (APPROX.) |
| XXX.XX | — SUBGRADE - MINIMUM (APPROX.) |

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
23-112
DATE
08/04/23
COORDINATED BY
DTB JPB
DRAWN BY
DTB
CHECKED BY
DTB JPB



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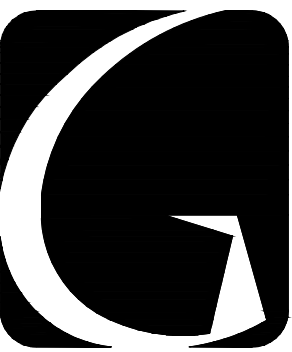
BASEBALL FIELD TURF LAYOUT PLAN

PROJECT
LOWELL HIGH SCHOOL - SITE AND
STADIUM IMPROVEMENTS

GIBRALTAR DESIGN

SHEET

C-2.2D



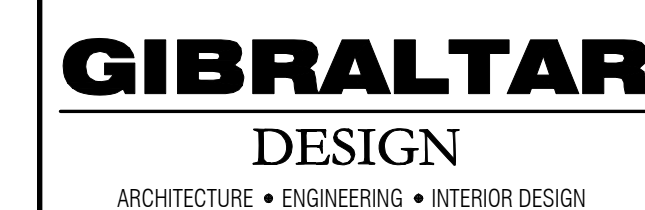
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT


LOWELL HIGH SCHOOL SITE, BLEACHERS, & TURF/DRAINAGE

TRI-CREEK SCHOOL CORPORATION



PROJECT:
**LOWELL HIGH
SCHOOL SITE
BLEACHERS, &
TURF/DRAINAGE**
TRI-CREEK SCHOOL CORPORATION

TORRENGA ENGINEERING, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
907 RIDGE ROAD
MUNSTER, IN 46321
T: (219) 836-8918
F: (219) 836-1138



GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
23-112
DATE
08/04/23
COORDINATED BY
DCT/AM
DRAWN BY
EM
CHECKED BY
DCT/AM

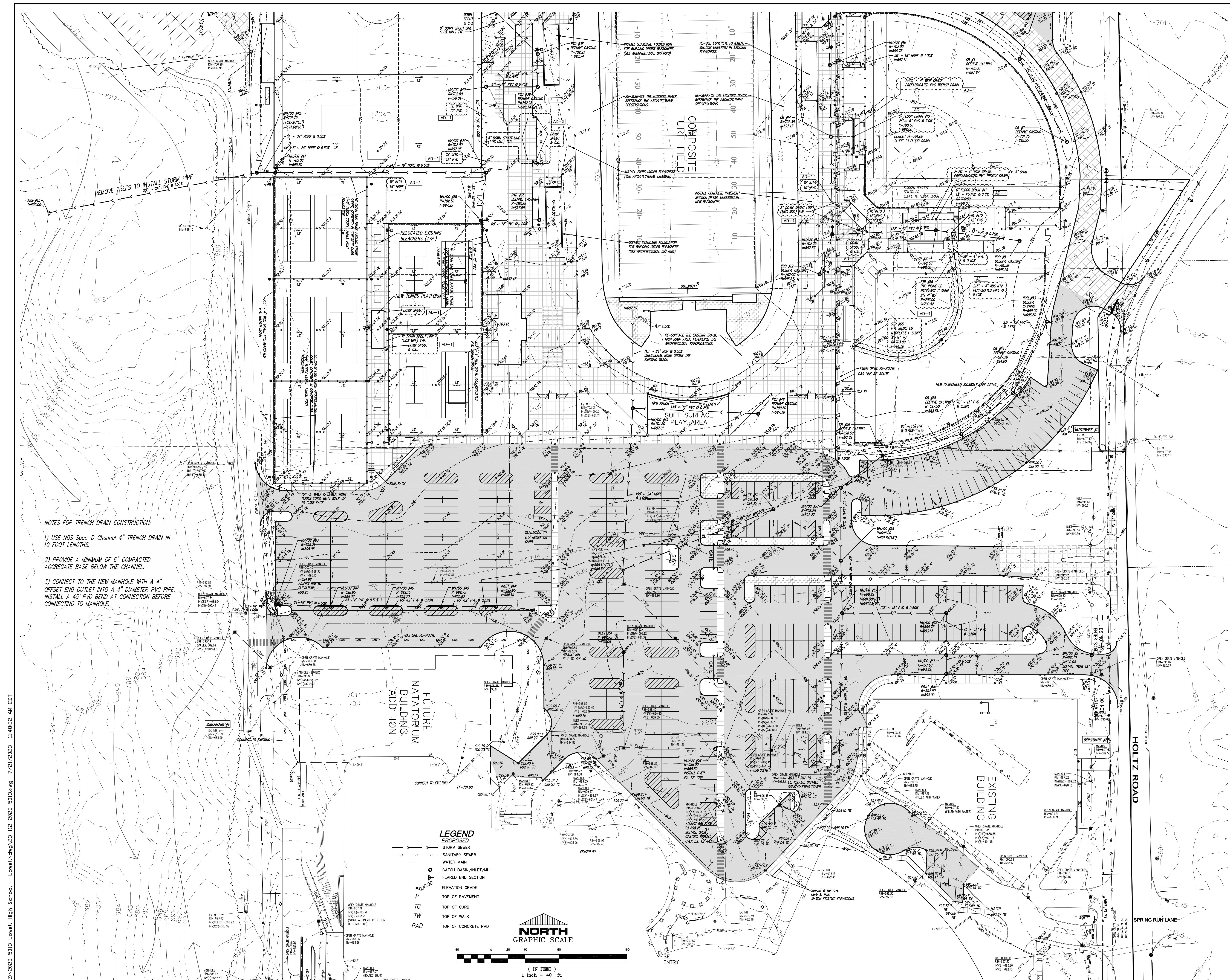
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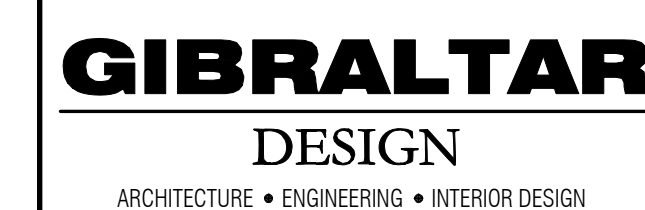
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DRAWING
STORM SEWERS AND
GRADING PLAN - SOUTH

PROJECT
LOWELL HIGH SCHOOL SITE
BLEACHERS, & TURF/DRAINAGE

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PROJECT:
**LOWELL HIGH
SCHOOL SITE
BLEACHERS, &
TURF/DRAINAGE**
TRI-CREEK SCHOOL CORPORATION

	<u>PROPOSED</u>
	STORM SEWER
	SANITARY SEWER
	WATER MAIN
	CATCH BASIN/INLET/MI
	FLARED END SECTION
	ELEVATION GRADE
	TOP OF PAVEMENT
	TOP OF CURB
	TOP OF WALK
	TOP OF CONCRETE PAD

TORRENGA ENGINEERING, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
907 RIDGE ROAD
MUNSTER, IN 46321
T: (219) 836-8918
F: (219) 836-1138



GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-112 DATE 08/04/23 COORDINATED BY DCT/AM DRAWN BY EM CHECKED BY DCT/AM	 <i>Donald C. Torrence</i>
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	08/18/23	ADDENDUM NO. 1

DRAWING
STORM SEWERS AND
GRADING PLAN - NORTH

PROJECT
LOWELL HIGH SCHOOL SITE
BLEACHERS, & TURF/DRAINAGE

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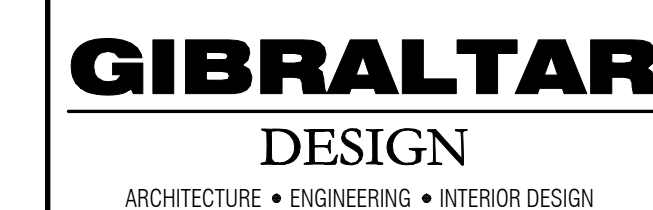
C-3.3



NORTH
GRAPHIC SCALE



Z:\2023-5013 Lowell High School - Lowell\dwg\23-112 2023-5013.dwg 7/21/2023 11:48:22 AM CDT



PROJECT:
**LOWELL HIGH
SCHOOL SITE
BLEACHERS, &
TURF/DRAINAGE**
TRI-CREEK SCHOOL CORPORATION

PROPOSED

— > — > — STORM SEWER

— » — » — » — SANITARY SEWER

— — — — — WATER MAIN


○ CATCH BASIN/INLET/MANHOLE

△ FLARED END SECTION

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CONSULTING ENGINEERS & LAND SURVEYORS
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MUNSTER, IN 46321
T: (219) 836-8918
F: (219) 836-1138

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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
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DATE
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EM
CHECKED BY
DCT/AM




Seal of Donald C. Torrence, Registered Professional Engineer, State of Indiana, No. 19868. The seal is circular with a double border. The outer border contains the text "DONALD C. TORRENCE" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "No. 19868" and "STATE OF INDIANA". Below the seal is a handwritten signature of Donald C. Torrence.

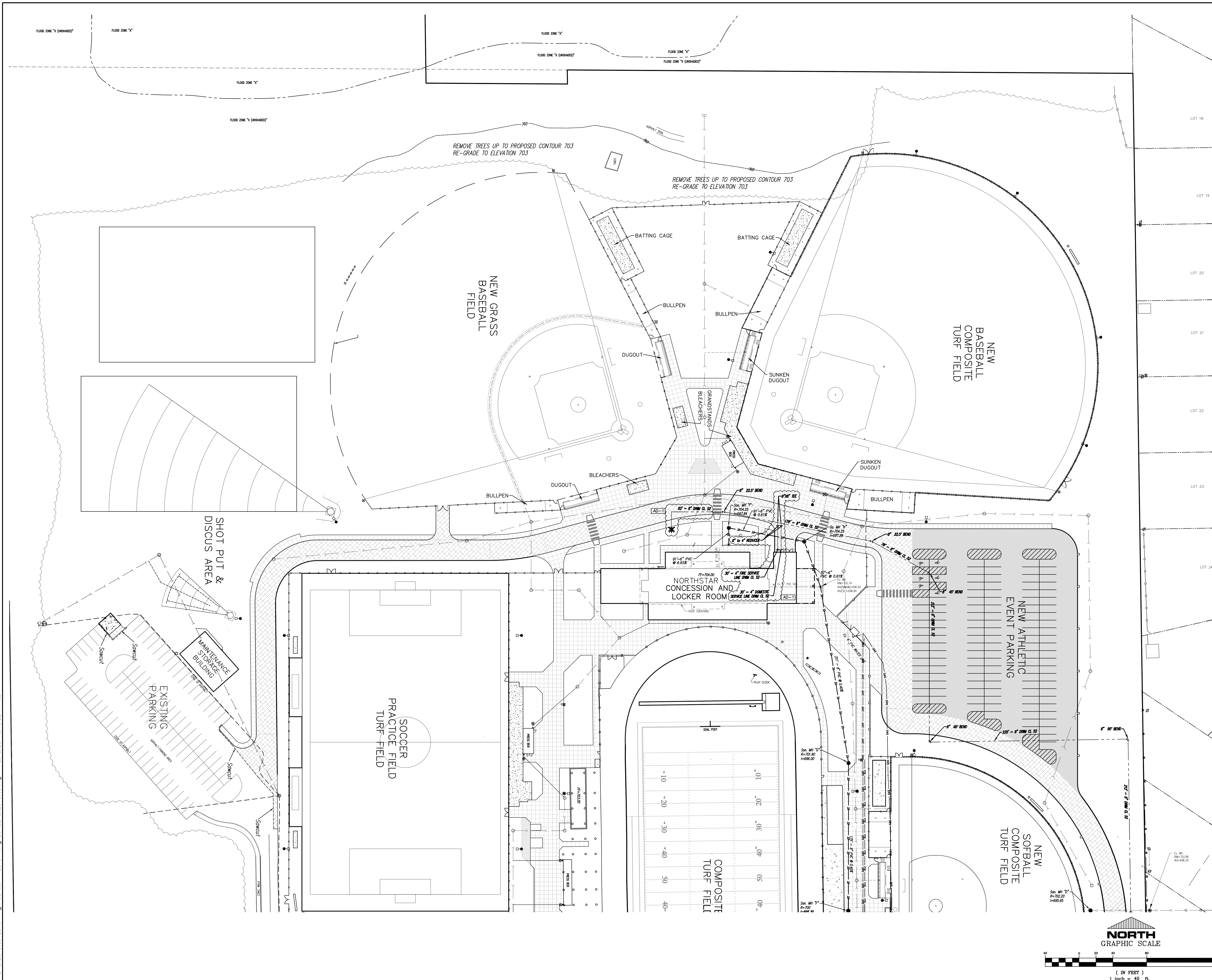
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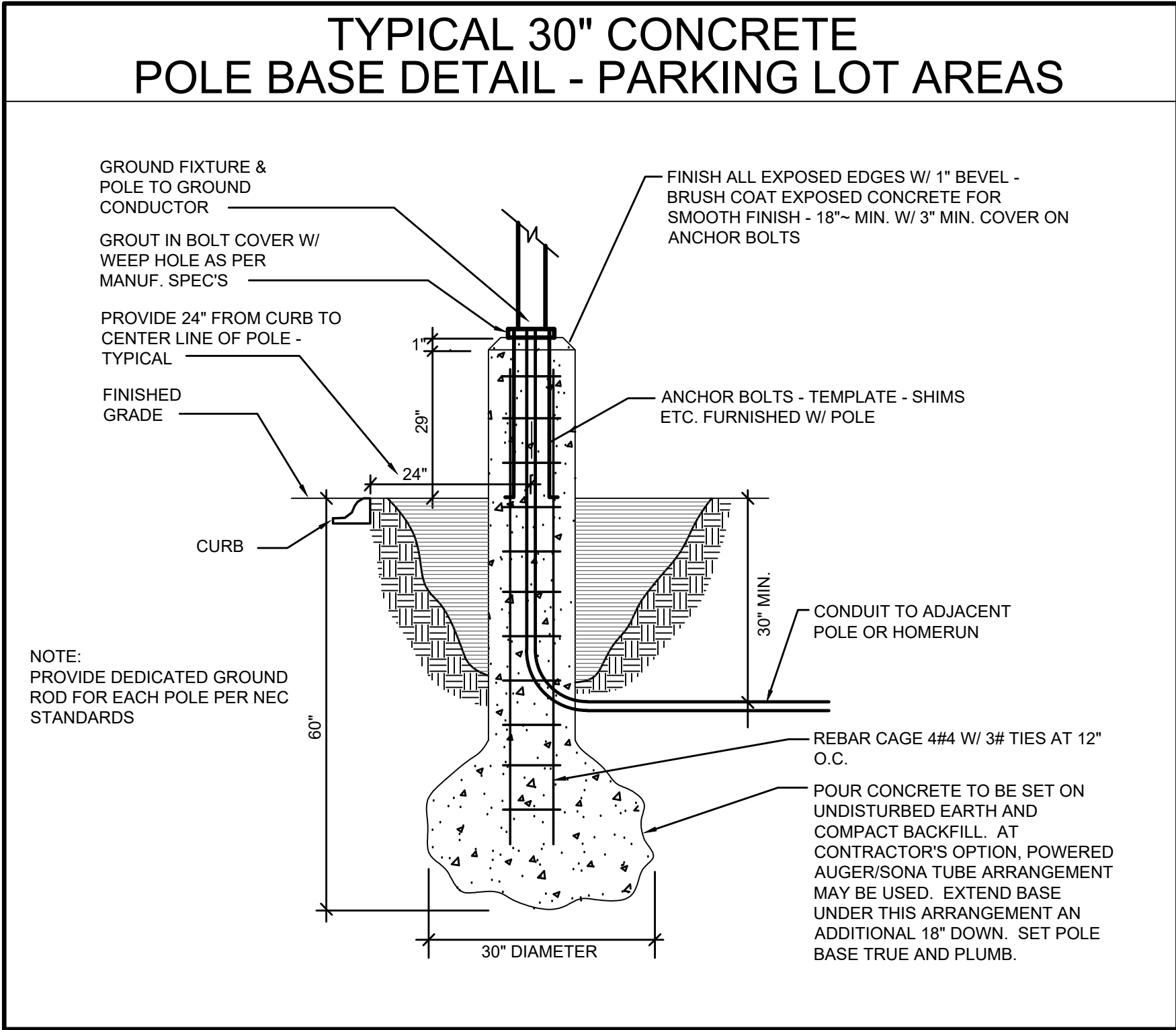
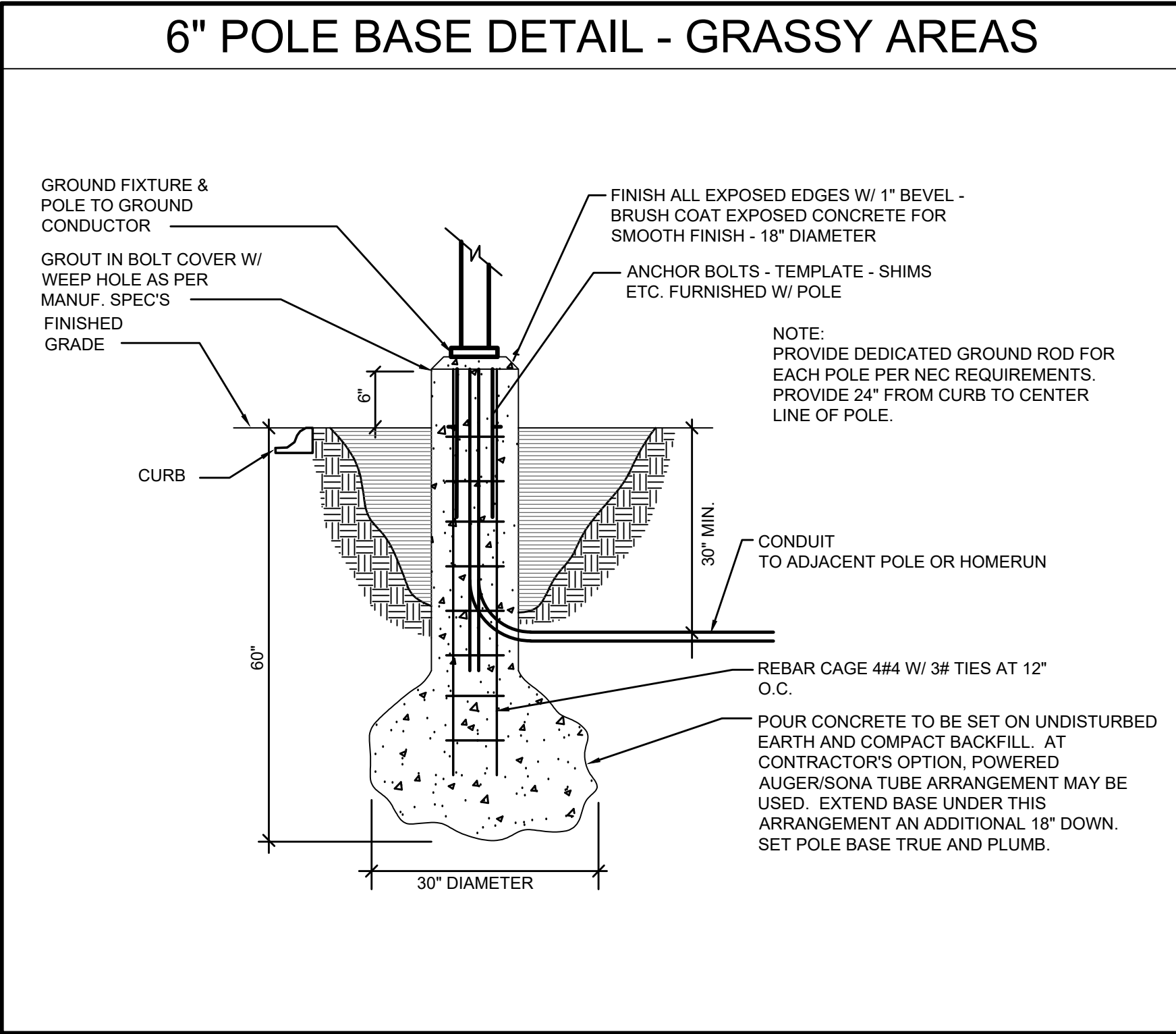
DRAWING
SANITARY SEWERS AND
WATER MAIN PLAN - NORTH

PROJECT
LOWELL HIGH SCHOOL SITE
BLEACHERS, & TURF/DRAINAGE

 GIBRALTAR DESIGN



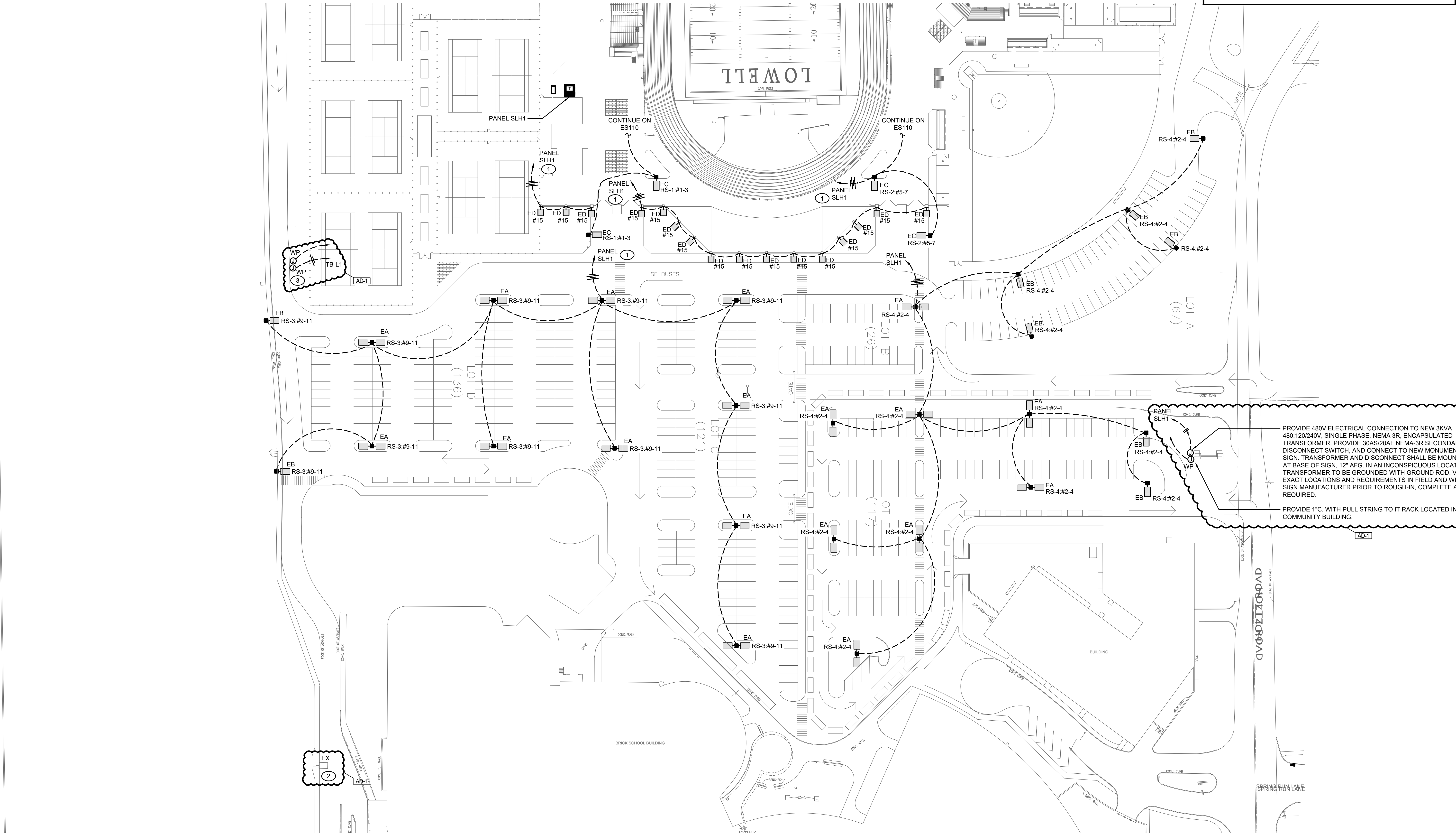


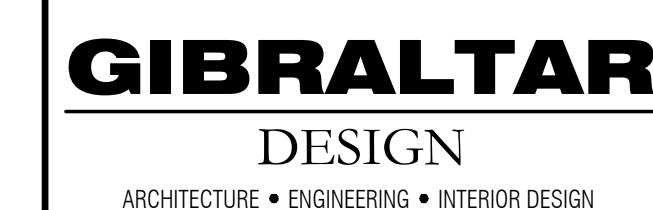


EXTERIOR LIGHTING LUMINAIRE SCHEDULE							
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EA		EXTERIOR LED DUAL-HEAD FIXTURE MOUNTED ON A ROUND, TAPERED STEEL POLE	LITHONIA #DSX2 LED P2 40K 70CRI T5M XVOLT RPA XXX MCGRAW-EDISON #GALN SERIES HUBBELL #VP-2 SERIES GARDCO #P34 SERIES	480 VOLT	LED 4000K MIN 23000 LM MAX 175 W	POLE MTD 25'-0" AFG	-COORD. FINISH WITH ARCHITECT
EB		EXTERIOR LED FIXTURE MOUNTED ON A ROUND, TAPERED STEEL POLE	LITHONIA #DSX2 LED P2 40K 70CRI T3M XVOLT RPA XXX MCGRAW-EDISON #GALN SERIES HUBBELL #VP-2 SERIES GARDCO #P34 SERIES	480 VOLT	LED 4000K MIN 22000 LM MAX 175 W	POLE MTD 25'-0" AFG	-COORD. FINISH WITH ARCHITECT
EC		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, ROUND STEEL POLE	LITHONIA #DSX1 LED P2 40K 70CRI T2M XVOLT RPA XXX MCGRAW-EDISON #GALN SERIES HUBBELL #VP-1 SERIES GARDCO #P26 SERIES	480 VOLT	LED 4000K MIN 8000 LM MAX 69 W	POLE MTD 15'-0" AFG	-COORD. FINISH WITH ARCHITECT
ED		EXTERIOR LED WALL MOUNTED SCONCE	VISA #DW1045-L40K(L)-HMVOLT-XXX OR APPROVED EQUAL	120/277 VOLT	LED 4000K MIN 900 LM MAX 10 W	WALL MTD 8'-0" AFG TO CENTER	-COORD. FINISH WITH ARCHITECT
EF		EXTERIOR SIGNAGE LED FLOOD FIXTURE	LITHONIA #DSXF1 LED P2 40K HMF MVOLT THK UVB XXX OR APPROVED EQUAL	120/277 VOLT	LED 4000K MIN 5000 LM MAX 42 W	IN-GRADE	-COORD. FINISH WITH ARCHITECT

SHEET NOTES	
1. CIRCUIT NEW SITE LIGHTING TO PANEL INDICATED VIA NEW LIGHTING CONTROL RELAYS. COORDINATE EXACT REQUIREMENTS IN FIELD.	3. NEW MOTORIZED GATE. PROVIDE 120V POWER CONNECTION AND CIRCUIT TO PANEL INDICATED VIA 2 #8 & 1 #10 GRD. - 3/4". PROVIDE ADDITIONAL 1" WITH PULL STRING TO COMMUNITY BUILDING IT CLOSET FOR ACCESS CONTROL WIRING BY OTHERS.
2. RECONNECT EXISTING SITE LIGHTING CIRCUITRY AS REQUIRED DUE TO DEMOLITION OF EXISTING SITE LIGHTING FIXTURES. VERIFY EXACT CONDITIONS IN FIELD.	

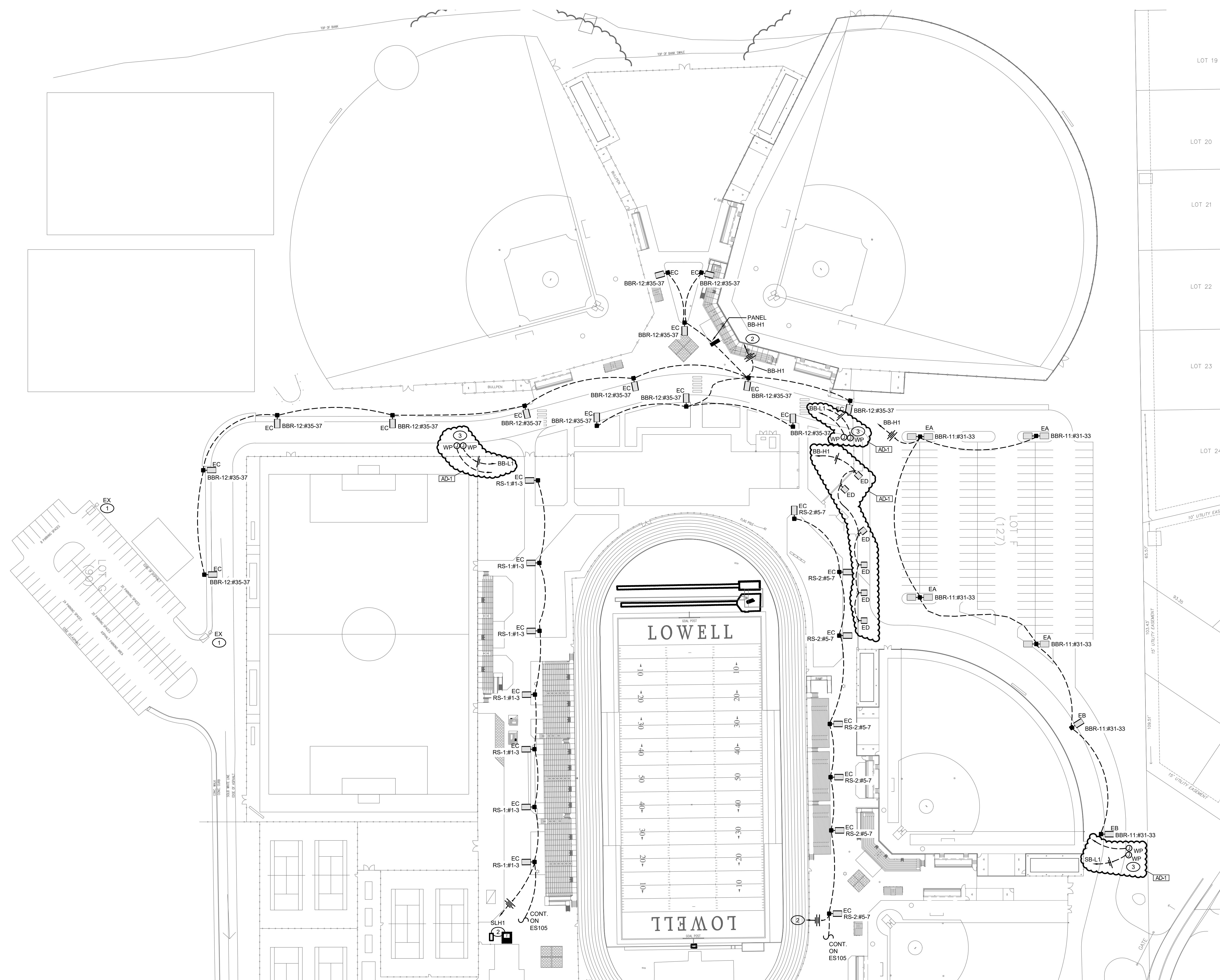
GENERAL NOTES	
1. SITE LIGHTING CONDUCTORS SHALL BE #8 AWG MINIMUM AND SIZED TO MEET NEC VOLTAGE DROP REQUIREMENTS.	
2. SITE SHALL BE PROVIDED WITH HANDHOLES AS REQUIRED.	
3. VERIFY NEW AND EXISTING SITE CONDITIONS IN FIELD, AND WITH NEW SITE PLANS. MODIFY CONDUIT ROUTING AS REQUIRED.	
4. REFER TO TRENCH DETAIL FOR UNDERGROUND CONDUIT INSTALLATION REQUIREMENTS.	
5. REFER TO TECHNOLOGY PLANS FOR LOCATIONS OF POLE MOUNTED CAMERAS AND WIRELESS ACCESS EQUIPMENT. COORDINATE LOADING REQUIREMENTS WITH FINAL POLE SELECTION PRIOR TO ORDERING.	





1. EXISTING SITE LIGHTING TO REMAIN. INTERCEPT EXISTING CIRCUITRY, AND EXTEND TO NEW BREAKER IN NEW PANEL SFH1.
2. CIRCUIT NEW SITE LIGHTING TO PANEL INDICATED BY NEW LIGHTING CONTROL RELAYS. COORDINATE EXACT REQUIREMENTS IN FIELD.
3. NEW MOTORIZED GATE. PROVIDE 120V POWER CONNECTION AND CIRCUIT TO PANEL INDICATED VIA #2 & #10 GROUND. -30°C. PROVIDE ADDITIONAL 1°C. WITH PULL STRING TO NORTHSTAR BUILDING IT CLOSEST FOR ACCESS CONTROL WIRING BY OTHERS.

1. SITE LIGHTING CONDUCTORS SHALL BE #6 AWG MINIMUM AND SIZED TO MEET NEC VOLTAGE DROP REQUIREMENTS.	5. REFER TO TECHNOLOGY PLANS FOR LOCATIONS OF POLE MOUNTED CAMERAS AND WIRELESS ACCESS EQUIPMENT. COORDINATE LOADING REQUIREMENTS WITH FINAL POLE SELECTION PRIOR TO ORDERING.
2. SITE SHALL BE PROVIDED WITH HANDHOLES AS REQUIRED.	
3. VERIFY NEW AND EXISTING SITE CONDITIONS IN FIELD, AND WITH NEW SITE PLANS. MODIFY CONDUIT ROUTING AS REQUIRED.	
4. REFER TO TRENCH DETAIL FOR UNDERGROUND CONDUIT INSTALLATION REQUIREMENTS.	


$$1'' = 50'-0''$$
[illegible]

DRAWING
ELECTRICAL SITE PLAN -
NORTH - PARKING LOT

PROJECT
LOWELL HIGH SCHOOL SITE,
BLEACHERS, & TURF/DRAINAGE

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