# BUNCOMBE COUNTY SCHOOLS NORTH BUNCOMBE HIGH SCHOOL TRACK RENOVATION 890 CLARKS CHAPEL ROAD

BID SET
JANUARY 2020

WEAVERVILLE, NC 28787



SHEET LIST TABLE	
SHEET #	SHEET LIST
G-000	TITLE SHEET
C-001	GENERAL NOTES
C-002	EXISTING CONDITIONS PLAN
C-003	DEMOLITION PLAN
C-100	LAYOUT PLAN
C-101	TRACK & FIELD SURFACING AND DIMENSION PLAN
C-201	GRADING PLAN
C-301	UTILITY PLAN
C-401	EROSION & SEDIMENT CONTROL PLAN
C-600	SITE DETAILS
C-601	SITE DETAILS
C-602	SITE DETAILS

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL QUANTITY TAKEOFFS. REFERENCES TO QUANTITIES INDICATED ON THESE PLANS SHALL BE FOR REFERENCE ONLY AND SHALL BE CONFIRMED BY CONTRACTOR DURING BIDDING PROCESS.

CONTRACTOR SHALL SECURE THE SERVICES OF A PRIVATE UTILITY LOCATE FIRM TO LOCATE, FLAG, AND DOCUMENT ALL EXISTING UNDERGROUND UTILITIES ON THE PROJECT SITE.

ALL UNDERGROUND UTILITY LOCATION INFORMATION SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY EXCAVATION ON THE PROJECT SITE.



Drawing Copyright © 2018

811 West Hargett Street
Raleigh, NC 27603
919.436.2280 • www.chacompanies.com



IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND VEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE AMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE DOTATION AUTUAL STAMP THE DOCUMENT AND INCLUDE THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

BUNCOMBE COUNTY SCHOOLS

NORTH BUNCOMBE

HIGH SCHOOL TRACK RENOVATION

No. | Submittal / Revision | App'd. | By | Date

TITLE SHEET

Designed By: Drawn By: Checked By
JRP CML DLB
Issue Date: Project No: Scale:
01/23/20 35088 AS SHOWN

Drawing No.: **G-000** 

# **GENERAL NOTES**

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND SPECIFICATIONS, AND COORDINATE ALL WORK AS

THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED, WRITTEN APPROVAL OF THE ENGINEER.
 THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, CULVERTS, SIGNS AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED AS DETERMINED BY THE ENGINEER. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

4. THE CONTRACTOR IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTRACTORS PERFORMING WORK ON THIS JOB SITE DURING THE PERFORMANCE OF THIS CONTRACT.

5. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, REGULATIONS, AND PERMITS.

6. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.

7. THE ENGINEER RESERVES THE RIGHT TO EXAMINE ANY WORK DONE ON THIS PROJECT AT ANY TIME TO DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OF THIS PROJECT, AS INTENDED AND INTERPRETED BY THE ENGINEER.

8. MISCELLANEOUS WORK NOT SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS SUCH AS PATCHING, BLOCKING, TRIMMING, ETC., SHALL BE PERFORMED TO MAKE THE WORK COMPLETE.

9. THE CONTRACTOR SHALL:
A. VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
B. EXAMINE THE SITE AND INCLUDE IN HIS WORK THE EFFECT OF ALL EXISTING CONDITIONS ON THE WORK.
C. PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD

10. ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE STATE INDUSTRIAL CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION. SHEET PILING SHALL BE DESIGNED AND SEALED BY A STATE LICENSED PROFESSIONAL ENGINEER.

11. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL COMMERCIAL, AND PUBLIC PROPERTIES, AND AS DIRECTED BY THE ENGINEER.

12. THE CONTRACTOR SHALL TAKE CARE TO PREVENT DAMAGE TO EXISTING UTILITIES. DAMAGED UTILITIES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

13. THE CONTRACTOR SHALL TAKE CARE TO PREVENT DAMAGE TO EXISTING TREES THAT ARE TO REMAIN. ANY TREES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY ARE TO BE REPLACED BY THE CONTRACTOR, IN KIND, AT THE CONTRACTOR'S EXPENSE.

14. ALL UTILITY WORK INVOLVING CONNECTIONS TO EXISTING SYSTEMS SHALL BE COORDINATED WITH THE ENGINEER AND THE OWNER. NOTIFY THE OWNER AND ENGINEER AT LEAST 72 HOURS PRIOR TO EACH AND EVERY CONNECTION THAT IS MADE.

15. CONSTRUCTION OF ALL PROPOSED UTILITIES MUST BEGIN AT ITS POINT OF CONNECTION TO THE EXISTING UTILITY, OR AT THE LOWEST POINT IN THE SYSTEM. RIMS, GRATES, INVERTS, CLEARANCES AND LOCATIONS AT CROSSINGS MUST BE VERIFIED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

16. THE PLANS SHOW SUBSURFACE STRUCTURES, ABOVE-GROUND STRUCTURES AND/OR UTILITIES FROM FIELD LOCATION AND RECORD MAPPING, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 72 HOURS BEFORE YOU DIG OR DRILL, CALL DIG SAFE @ 1-800-962-7962.

### GENERAL SITE REMOVAL NOTES

1. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER, AT THE CONTRACTOR'S EXPENSE.

2. THE CONTRACTOR SHALL EXERCISE CARE DURING REMOVAL OPERATIONS. ANY ITEMS INDICATED TO REMAIN THAT ARE DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPAIRED OR REPLACED IN KIND, BY THE CONTRACTOR, AT NO COST TO

3. EXCESS TOPSOIL AND OTHER EXCAVATED MATERIALS SHALL BE DISPOSED OF OFF SITE IN A LEGAL MANNER.

### GENERAL SITE LAYOUT NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONSTRUCTION LAYOUT. THE CONTRACTOR SHALL MAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE AS—BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES, AND INVERTS. AS—BUILT PLANS SHOWING ALL UNDERGROUND UTILITIES INSTALLED OR ENCOUNTERED SHALL BE REVIEWED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE ANY CORRECTIONS OR ADDITIONS TO THE SATISFACTION OF THE ENGINEER AND THE OWNER BEFORE UTILITIES WILL BE ACCEPTED.

THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS BETWEEN NEW WORK AND EXISTING CONDITIONS.
 ALL ANGLES ARE 90°, UNLESS OTHERWISE INDICATED.

## GENERAL SITE GRADING NOTES

1. PROPOSED GRADES SHALL BLEND SMOOTHLY WITH EXISTING ELEVATIONS.

2. THE CONTRACTOR SHALL STAKE OUT ALL GRADES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES. THE ENGINEER SHALL APPROVE STAKED GRADES.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS THROUGHOUT THE PERIOD OF CONSTRUCTION.

4. ALL AREAS INDICATED TO RECEIVE SEED, SHALL BE TOPSOILED, DISCED AND HARROWED TO A DEPTH OF 6", AND FORMED TO PROVIDE SMOOTH TRANSITIONS WITH PROPOSED IMPROVEMENTS, PRIOR TO PLACEMENT OF SEED.

### GENERAL EROSION CONTROL NOTES

1. SILTATION DEVICES SHALL BE INSTALLED PRIOR TO CLEARING AND GRUBBING.

2. SLOPES SHALL BE GRADED AT A MAXIMUM OF 3:1 WITHIN ALL CUT OR FILL AREAS.

3. TEMPORARY SEED SHALL BE A COMMERCIALLY AVAILABLE MIXTURE OF PERENNIAL RYE AND UTILITY GRADE FESCUE. PERCENTAGE OF PERENNIAL RYE SHALL NOT EXCEED 50%. APPLICATION RATE SHALL BE 2.5 LBS PER 1,000 SF.

4. SEEDED AREAS SHALL BE FULLY COVERED WITH A LEAN STRAW OR MULCH MATERIAL. IF ORDERED BY THE ENGINEER OR OWNER, A BIODEGRADABLE NETTING SHALL BE ANCHORED OVER SEEDED AREAS WHICH DEMONSTRATE "RILLING" OR OTHER EROSION PROCESSES.

5. SILTATION FENCE BARRIERS SHALL BE PLACED WITHIN ALL AREAS OF EXPOSED SLOPES TO CONTROL SOIL EROSION DURING AND AFTER CONSTRUCTION.

6. BARRIERS SHALL REMAIN IN PLACE UNTIL NEW SEEDING HAS SUFFICIENTLY GROWN TO STABILIZE COMPLETED EXTRA WORK.

7. MAINTENANCE PROGRAM: ALL EROSION CONTROL MEASURES ARE TO BE INSPECTED DAILY FOR PROPER FUNCTIONING. ANY DAMAGED OR NON-FUNCTIONING DEVICES SHALL BE REPLACED IMMEDIATELY. NO EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED WITHOUT APPROVAL OF THE OWNER.

8. CONTRACTOR TO FOLLOW EROSION CONTROL PROCEDURES DURING CONSTRUCTION AS OUTLINED IN THE STATE GUIDELINES FOR EROSION AND SEDIMENT CONTROL.

9. STORM INLET PROTECTION BARRIERS SHALL BE PLACED AROUND EACH CATCH BASIN OR DRY WELL GRATE TO PREVENT SILTATION.

10. IMMEDIATELY UPON COMPLETION OF GRADING, INSTALLATION OF END SECTIONS, SILT DIKES, SEDIMENT BARRIERS SHALL BE INSTALLED AS DETAILED. CONTRACTOR SHALL PERFORM INSTALLATION IN ANY AREA COMPLETED REGARDLESS OF STATE OF COMPLETION WITHIN BALANCE OF SITE.

11. ONCE PERMANENT EROSION AND SEDIMENT CONTROLS (IE. SEEDING, PLANTING, ETC.) ARE FULLY ESTABLISHED, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL REMAINING TEMPORARY MEASURES.

### GENERAL LANDSCAPE PLANTING NOTES

1. ALL NON-ATHLETIC AREAS OF THE SITE WHICH ARE DISTURBED AND NOT PLANTED, MULCHED, PAVED, ETC. SHALL BE TOPSOILED, SEEDED AND MULCHED. APPROVED TOPSOIL TO BE INSTALLED TO A MINIMUM 6" DEPTH.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

919.436.2280 • www.chacompanies.com

NORTH BUNCOMBE HIGH SCHOOL TRACK RENOVATION

No. Submittal / Revision App'd. By Date

BUNCOMBE COUNTY SCHOOLS

GENERAL NOTES

 esigned By:
 Drawn By:
 Checked By

 JRP
 CML
 DLB

 ssue Date:
 Project No:
 Scale:

 01/23/20
 35088
 AS SHOWN

Drawing No.:
G-001

THE PROJECT SITE.

Carolina Situation of the project site.

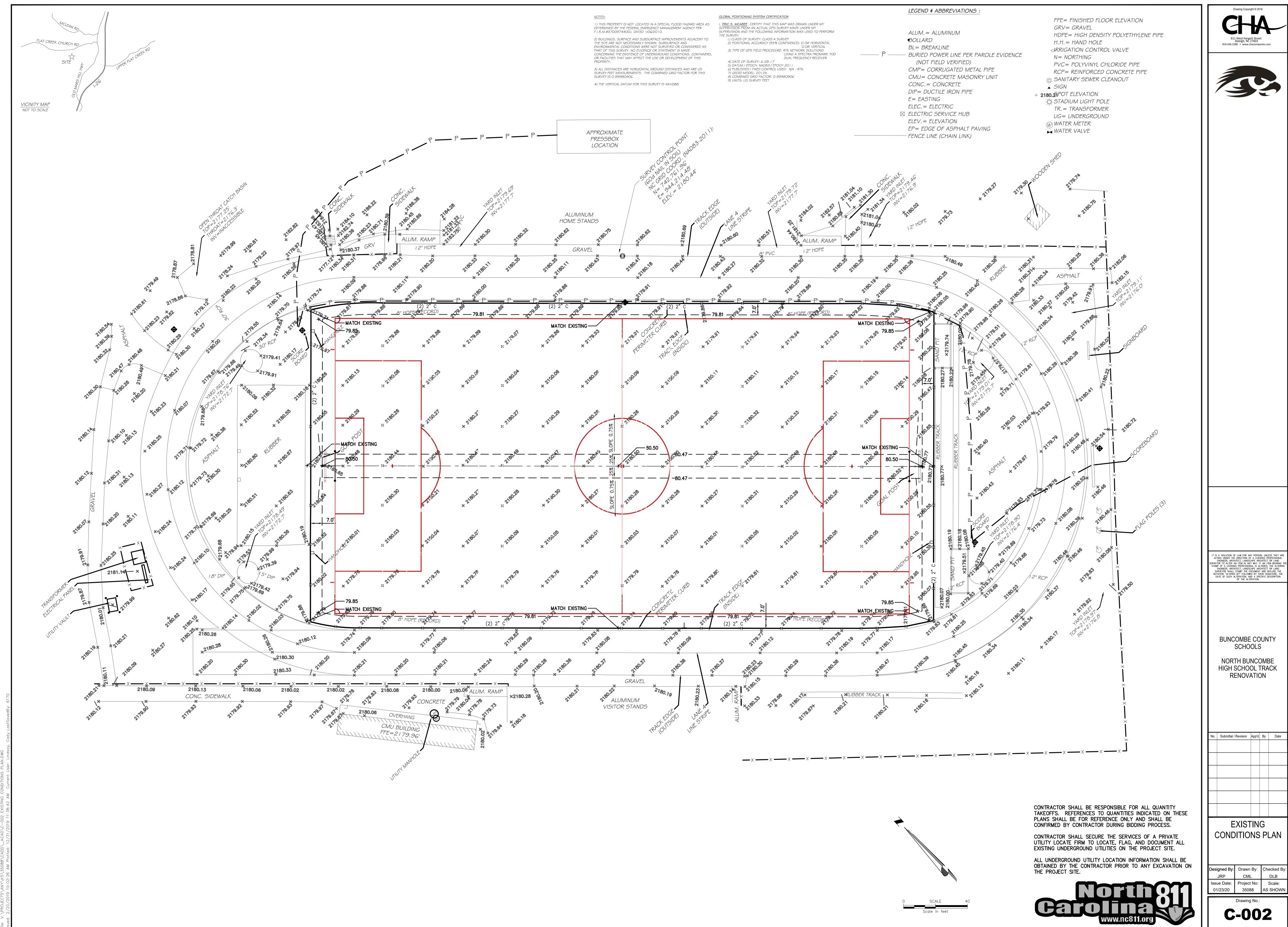
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL QUANTITY TAKEOFFS. REFERENCES TO QUANTITIES INDICATED ON THESE

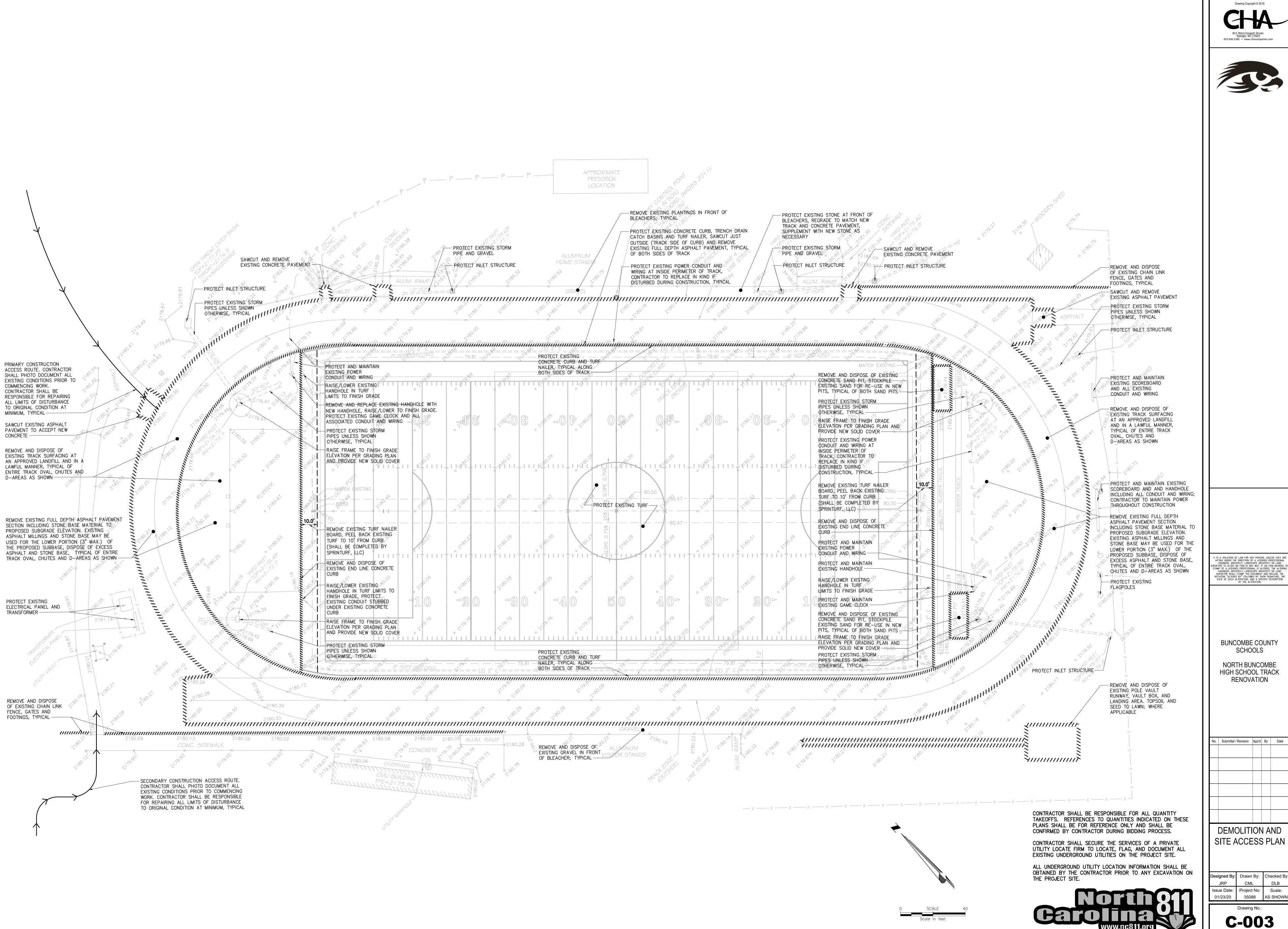
PLANS SHALL BE FOR REFERENCE ONLY AND SHALL BE

CONTRACTOR SHALL SECURE THE SERVICES OF A PRIVATE UTILITY LOCATE FIRM TO LOCATE, FLAG, AND DOCUMENT ALL EXISTING UNDERGROUND UTILITIES ON THE PROJECT SITE.

ALL UNDERGROUND UTILITY LOCATION INFORMATION SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY EXCAVATION ON

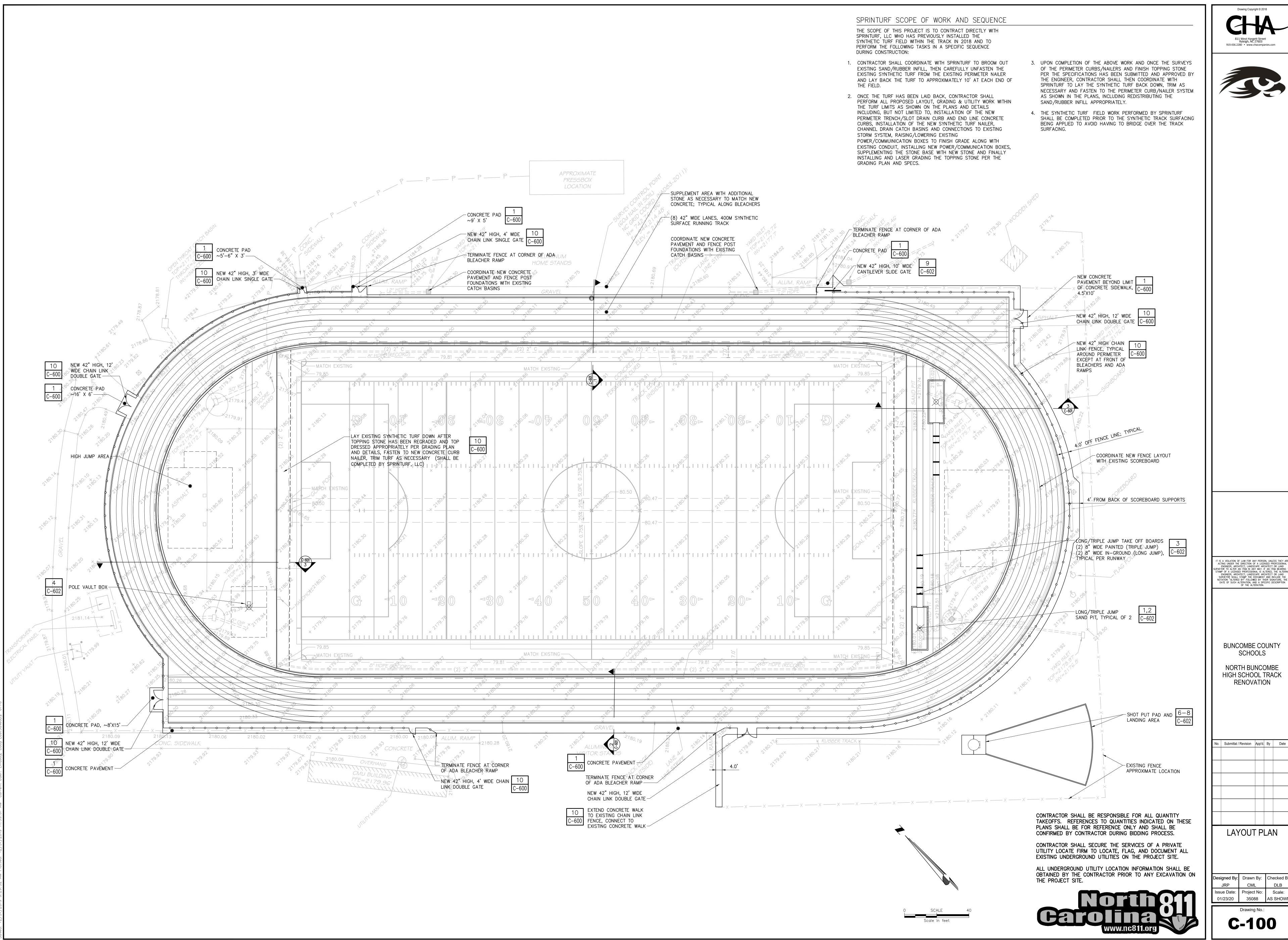
CONFIRMED BY CONTRACTOR DURING BIDDING PROCESS.







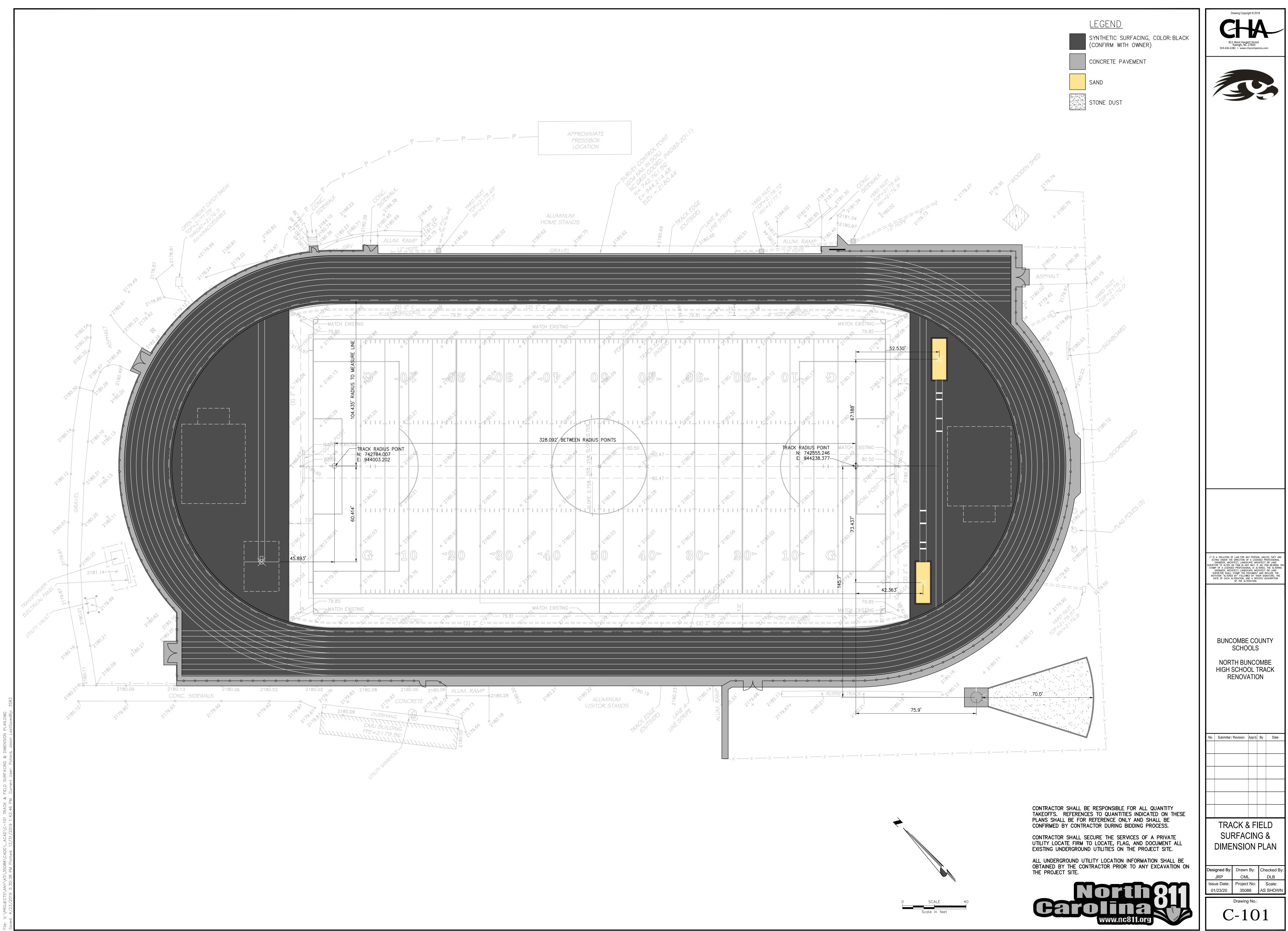
35088 AS SHOWN

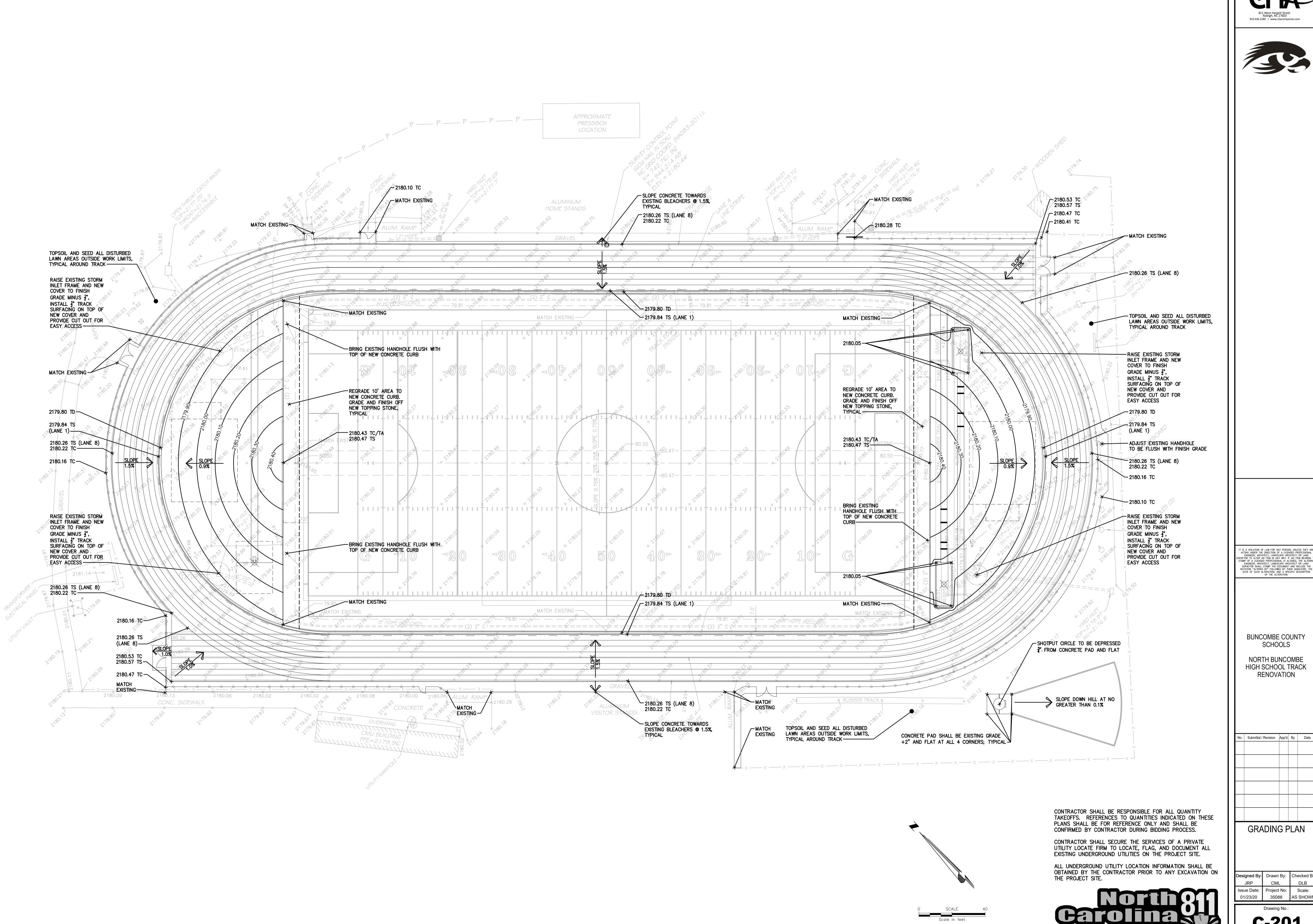






esigned By: Drawn By: Checked By: 35088 AS SHOWN





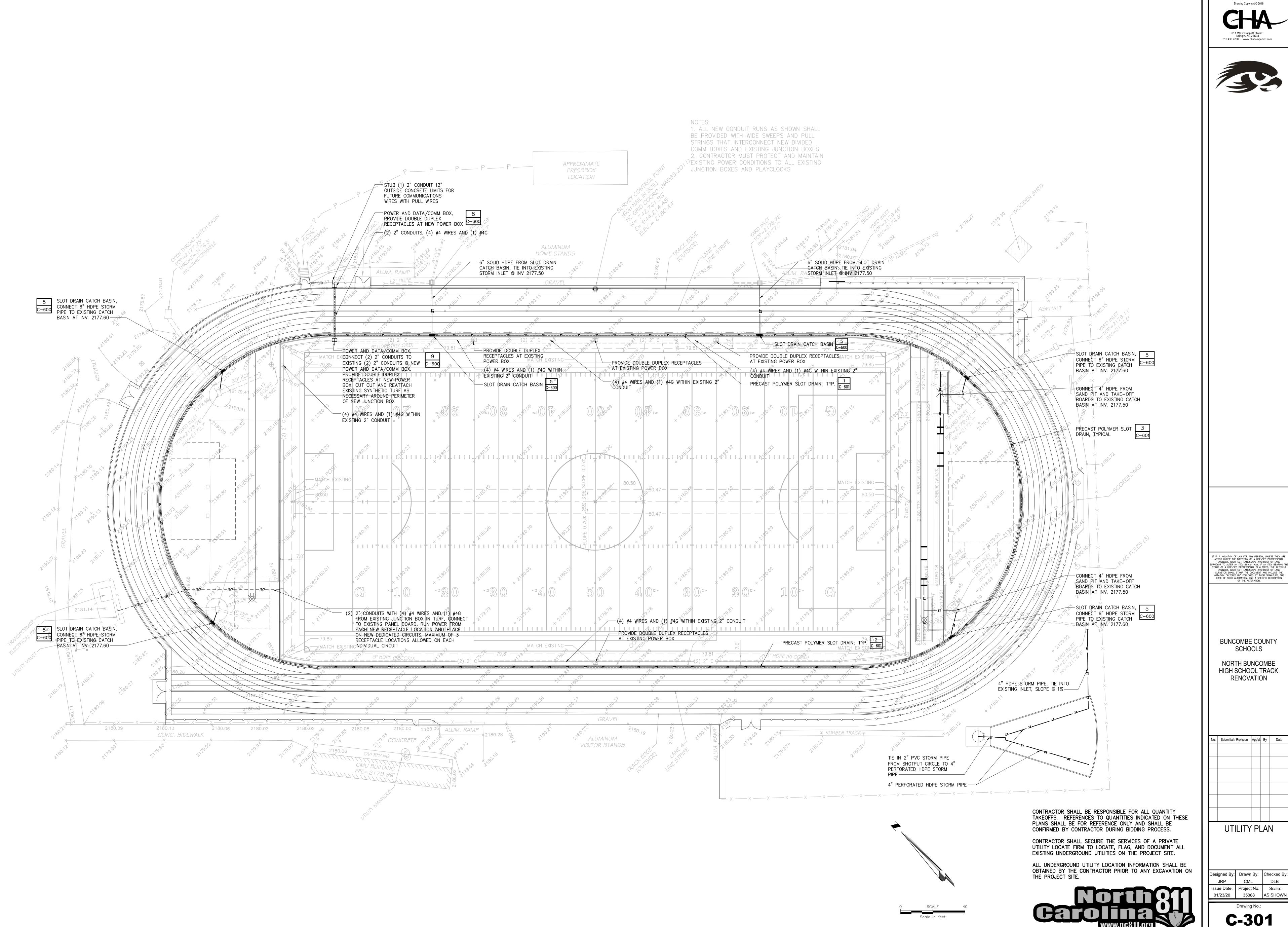




IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OF LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

BUNCOMBE COUNTY

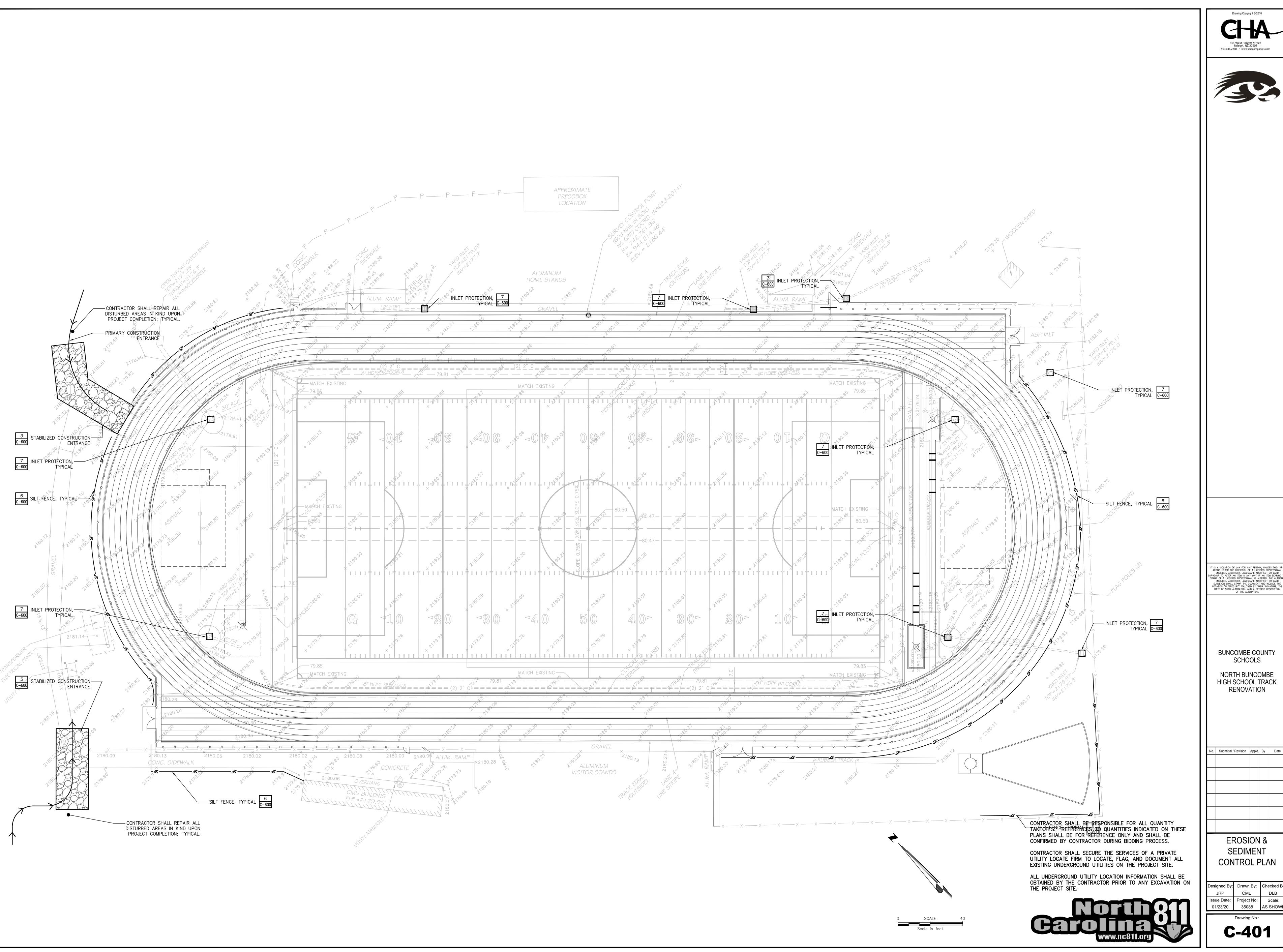
esigned By: Drawn By: Checked By: ssue Date: Project No: Scale: 35088 AS SHOWN







esigned By: Drawn By: Checked By ssue Date: Project No: Scale: 35088 AS SHOWN

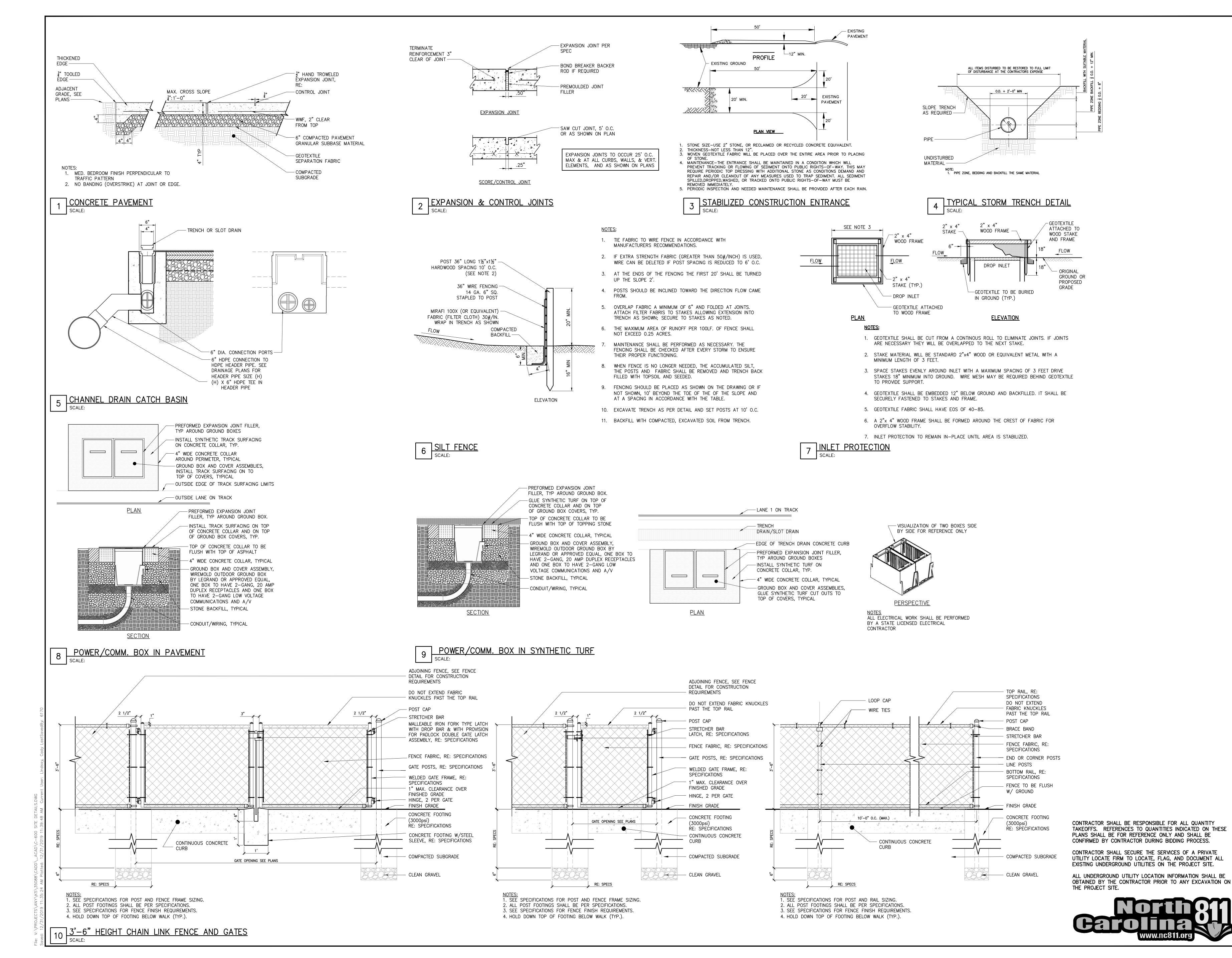






BUNCOMBE COUNTY SCHOOLS

esigned By: Drawn By: Checked By Issue Date: Project No: Scale: 35088 AS SHOWN



Drawing Copyright © 2018

811 West Hargett Street
Raleigh, NC 27603



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALIER AN ITEM IN ANY WAY. IF AN ITEM BEARING TH STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

BUNCOMBE COUNTY SCHOOLS

NORTH BUNCOMBE HIGH SCHOOL TRACK RENOVATION

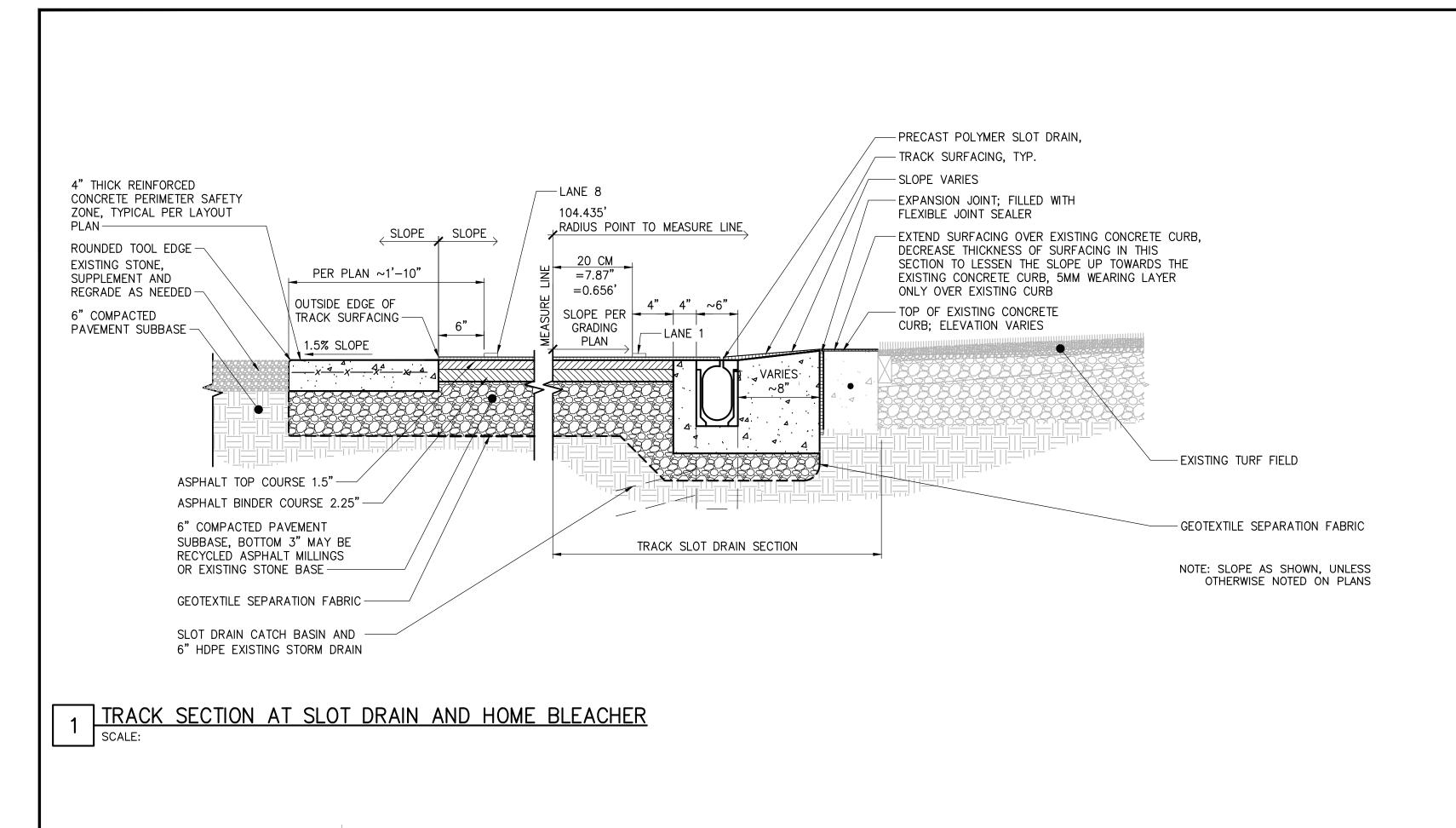
No. Submittal / Revision App'd. By Date

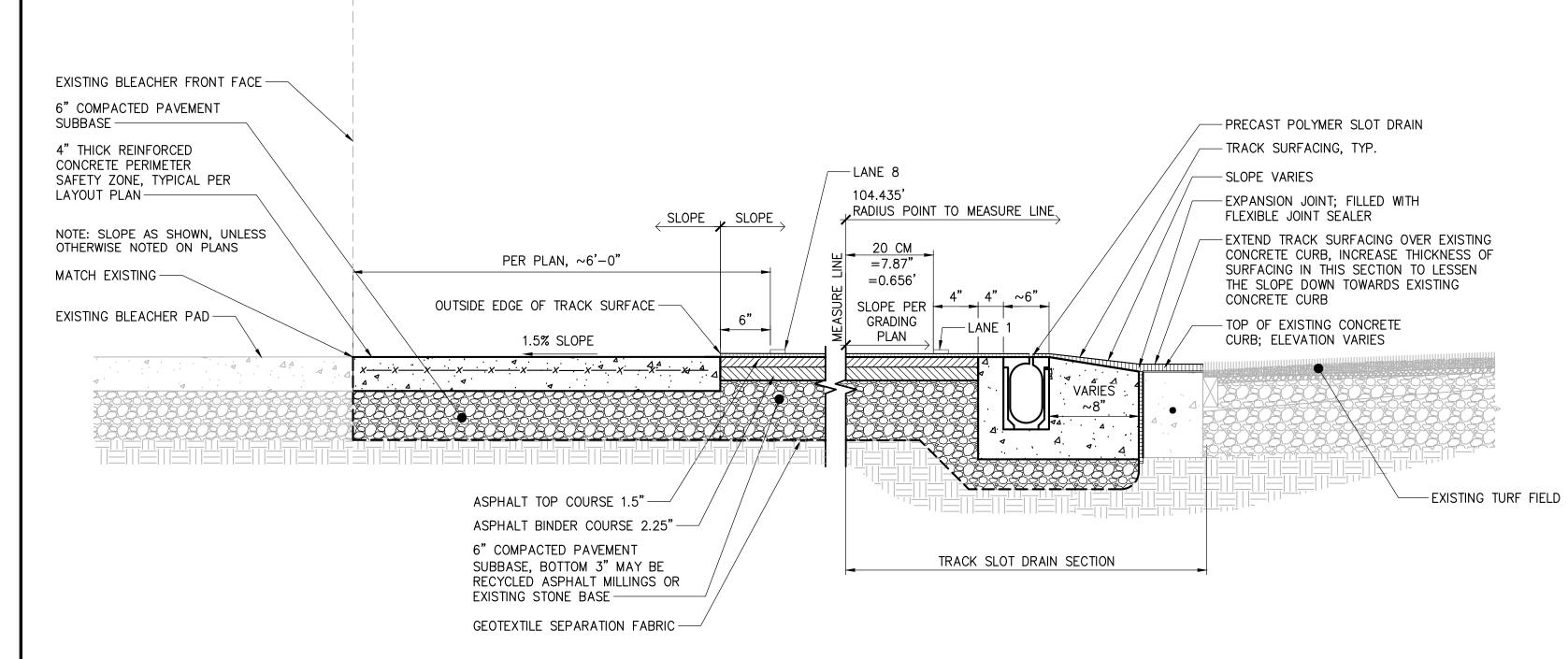
SITE DETAILS

esigned By: Drawn By: Checked By
JRP CML DLB
ssue Date: Project No: Scale:
01/23/20 35088 AS SHOWN

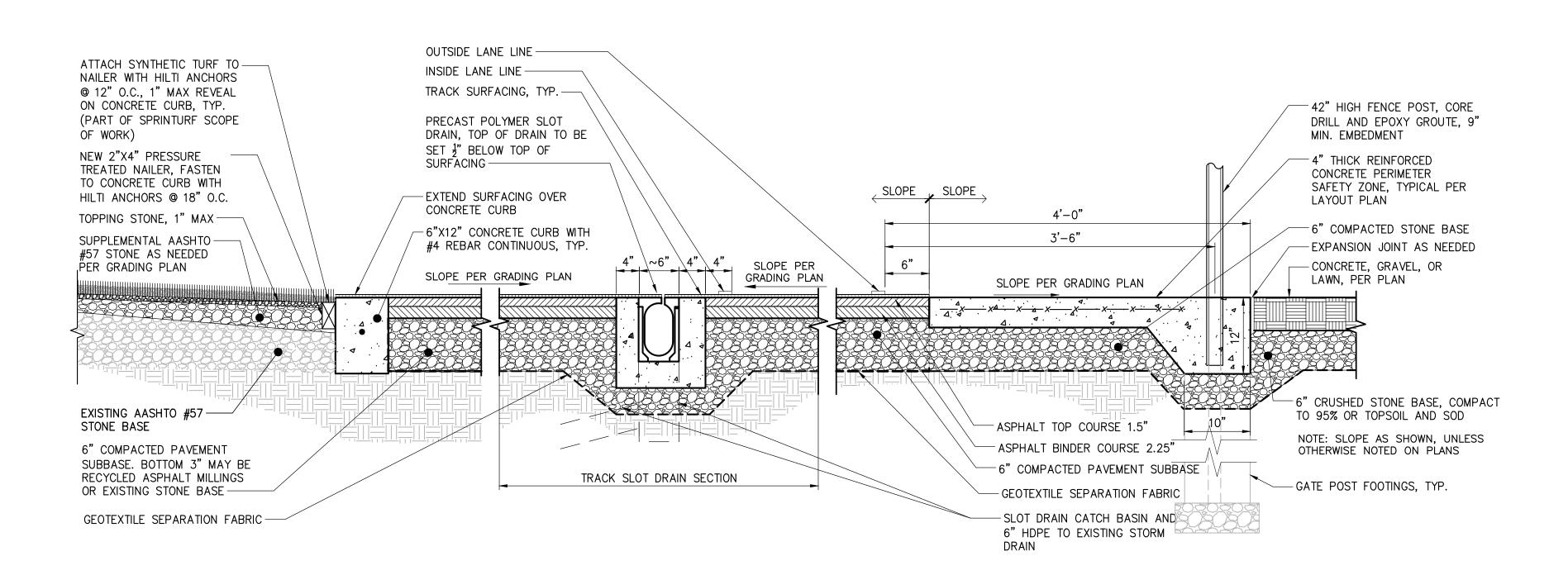
Drawing No.:

**C-600** 









TRACK SECTION AT END LINE CURB AND SLOT DRAIN AT D-ZONE SCALE:

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL QUANTITY TAKEOFFS. REFERENCES TO QUANTITIES INDICATED ON THESE PLANS SHALL BE FOR REFERENCE ONLY AND SHALL BE CONFIRMED BY CONTRACTOR DURING BIDDING PROCESS.

CONTRACTOR SHALL SECURE THE SERVICES OF A PRIVATE UTILITY LOCATE FIRM TO LOCATE, FLAG, AND DOCUMENT ALL EXISTING UNDERGROUND UTILITIES ON THE PROJECT SITE.

ALL UNDERGROUND UTILITY LOCATION INFORMATION SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY EXCAVATION ON THE PROJECT SITE.



B11 West Hargett Street
Raleigh, NC 27603
919.436.2280 • www.chacompanies.com



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

BUNCOMBE COUNTY SCHOOLS

NORTH BUNCOMBE HIGH SCHOOL TRACK RENOVATION

No. Submittal / Revision App'd. By Date

SITE DETAILS

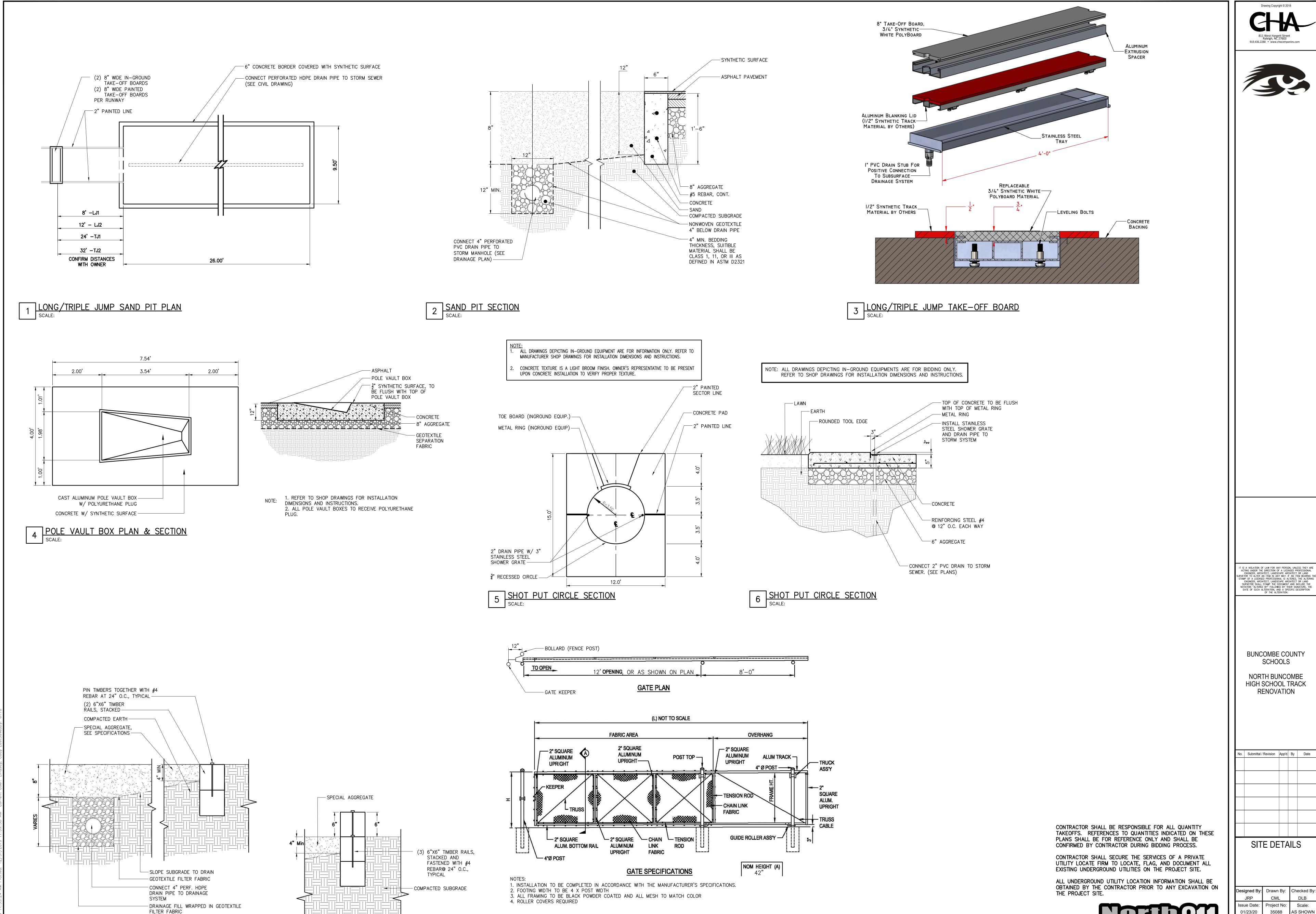
 esigned By:
 Drawn By:
 Checked By:

 JRP
 CML
 DLB

 ssue Date:
 Project No:
 Scale:

 01/23/20
 35088
 AS SHOWN

Drawing No.: **C-601** 



9 42" HIGH CANTILEVER SLIDE GATE (BLACK POWDER COATED)

SCALE:

8 TIMBER CURB END

7 SHOT PUT LANDING AREA SCALE:



SCHOOLS NORTH BUNCOMBE

SITE DETAILS

esigned By: Drawn By: Checked By: ssue Date: Project No: Scale: 35088 AS SHOWN

> Drawing No.: **C-602**