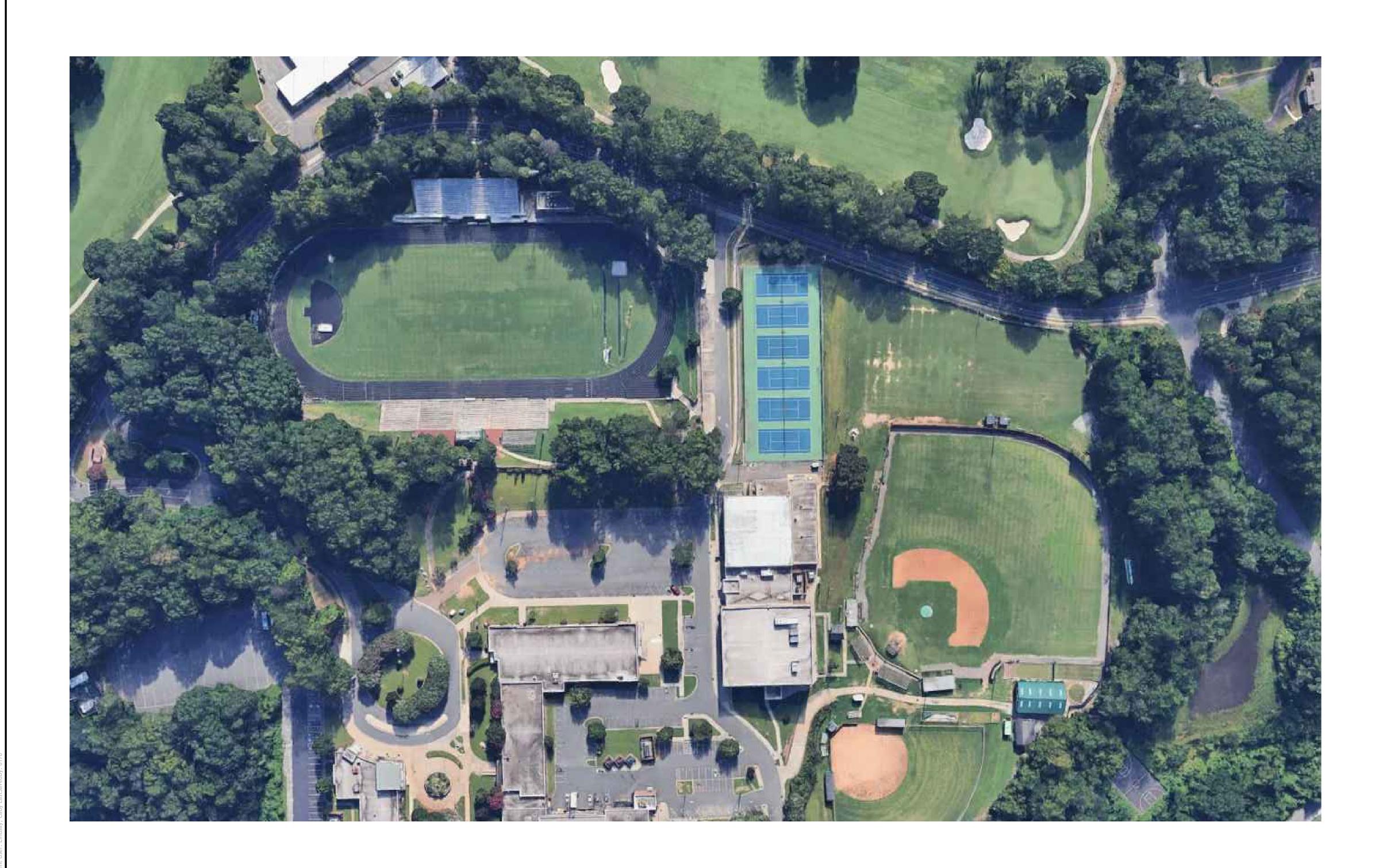
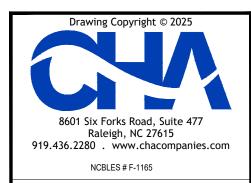
MYERS PARK HIGH SCHOOL - TRACK AND FIELD IMPROVEMENTS

BID DOCUMENTS
MARCH, 2025

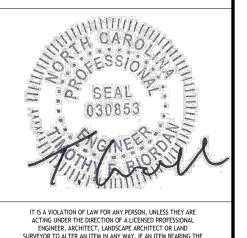


	SITE PLANS
Sheet Number	Sheet Title
G-000	COVER SHEET
G-001	GENERAL NOTES
C-000	EXISTING CONDITIONS - TRACK
C-001	EXISTING CONDITIONS - THROWS
C-002	DEMOLITION PLAN - TRACK
C-003	DEMOLITION PLAN - THROWS
C-100	LAYOUT PLAN - TRACK
C-101	LAYOUT PLAN - THROWS
C-110	TRACK SURFACING AND DIMENSION PLAN
C-200	GRADING PLAN - TRACK
C-201	GRADING PLAN - THROWS
C-300	DRAINAGE PLAN - TRACK
C-301	DRAINAGE PLAN - THROWS
C-500	EROSION AND SEDIMENT CONTROL PLAN - TRACK
C-501	EROSION AND SEDIMENT CONTROL PLAN - THROWS
C-550	EROSION AND SEDIMENT CONTROL DETAILS
C-551	EROSION AND SEDIMENT CONTROL NOTES
C-552	EROSION AND SEDIMENT CONTROL NOTES
C-600	SITE DETAILS
C-601	SITE DETAILS
C-602	SITE DETAILS



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MYERS PARK HIGH SCHOOL TRACK AND FIELD

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Designed By: Drawn By: Checked
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G-000

GENERAL NOTES

IS MADE.

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

2. THE DIRECTOR'S REPRESENTATIVE 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 DIRECTOR'S REPRESENTATIVE.

3. 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 DIRECTOR'S REPRESENTATIVE. 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 DIRECTOR'S REPRESENTATIVE, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A STATE LICENSED LAND SURVEYOR.

7. THE DIRECTOR'S REPRESENTATIVE 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 DIRECTOR'S REPRESENTATIVE.

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 DIRECTOR'S REPRESENTATIVE 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 PRACTICE.

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

11. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL COMMERCIAL, AND PUBLIC PROPERTIES, AND AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.

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 THEIR EXPENSE.

14. ALL UTILITY WORK INVOLVING CONNECTIONS TO EXISTING SYSTEMS SHALL BE COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE. NOTIFY THE DIRECTOR'S REPRESENTATIVE AT LEAST 72 HOURS PRIOR TO EACH AND EVERY CONNECTION THAT

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 THEIR 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 ORGANIC CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER, AT THE CONTRACTOR'S

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 THE OWNER

3. ALL TOPSOIL TO REMAIN ON SITE, UNLESS OTHERWISE NOTED OR AS NECESSARY PER GRADING REQUIREMENTS.

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 DIRECTOR'S REPRESENTATIVE. THE CONTRACTOR SHALL PROVIDE ANY CORRECTIONS OR ADDITIONS TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTATIVE BEFORE UTILITIES WILL BE ACCEPTED.

2. THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS BETWEEN NEW WORK AND EXISTING CONDITIONS.

3. 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 DIRECTOR'S REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES. THE DIRECTOR'S REPRESENTATIVE 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 DISCED AND HARROWED TO A DEPTH OF 4", 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.

COMPLETION WITHIN BALANCE OF SITE.

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 DIRECTOR'S REPRESENTATIVE, 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

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 DIRECTOR'S REPRESENTATIVE.

8. CONTRACTOR TO FOLLOW EROSION CONTROL PROCEDURES DURING CONSTRUCTION AS OUTLINED IN THE SPECIFIC GUIDELINES FOR URBAN 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

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.

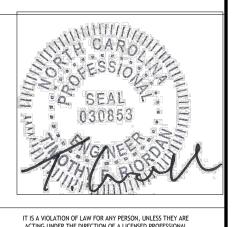
GENERAL LANDSCAPE PLANTING NOTES

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



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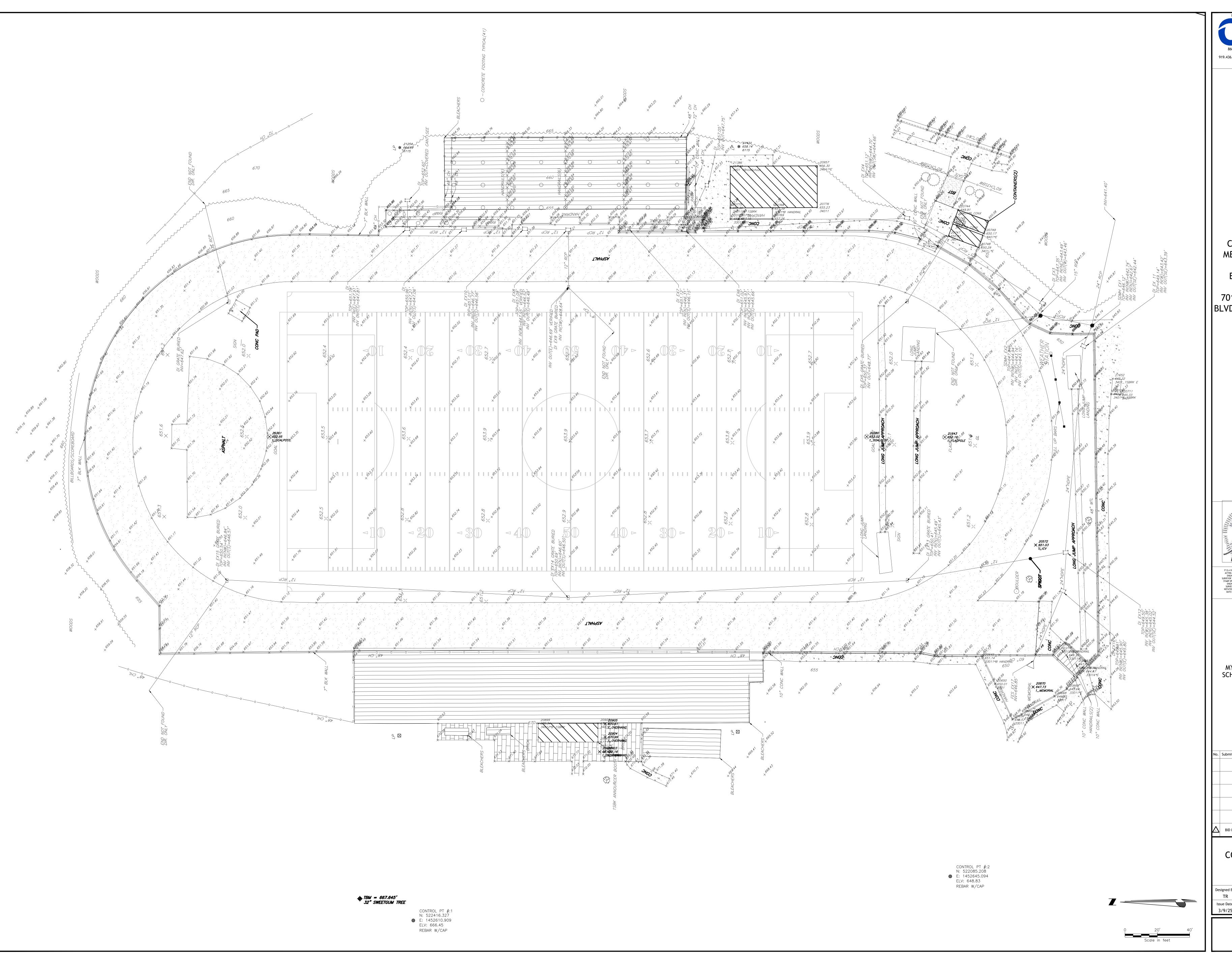
IT IS A VIOLATION OF LAW YOU, ANY PERSON, VIOLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENCIPEER, ARCHITECT, 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.

MYERS PARK HIGH SCHOOL TRACK AND FIELD

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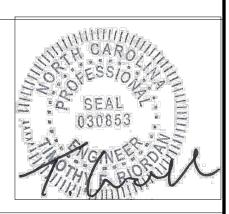
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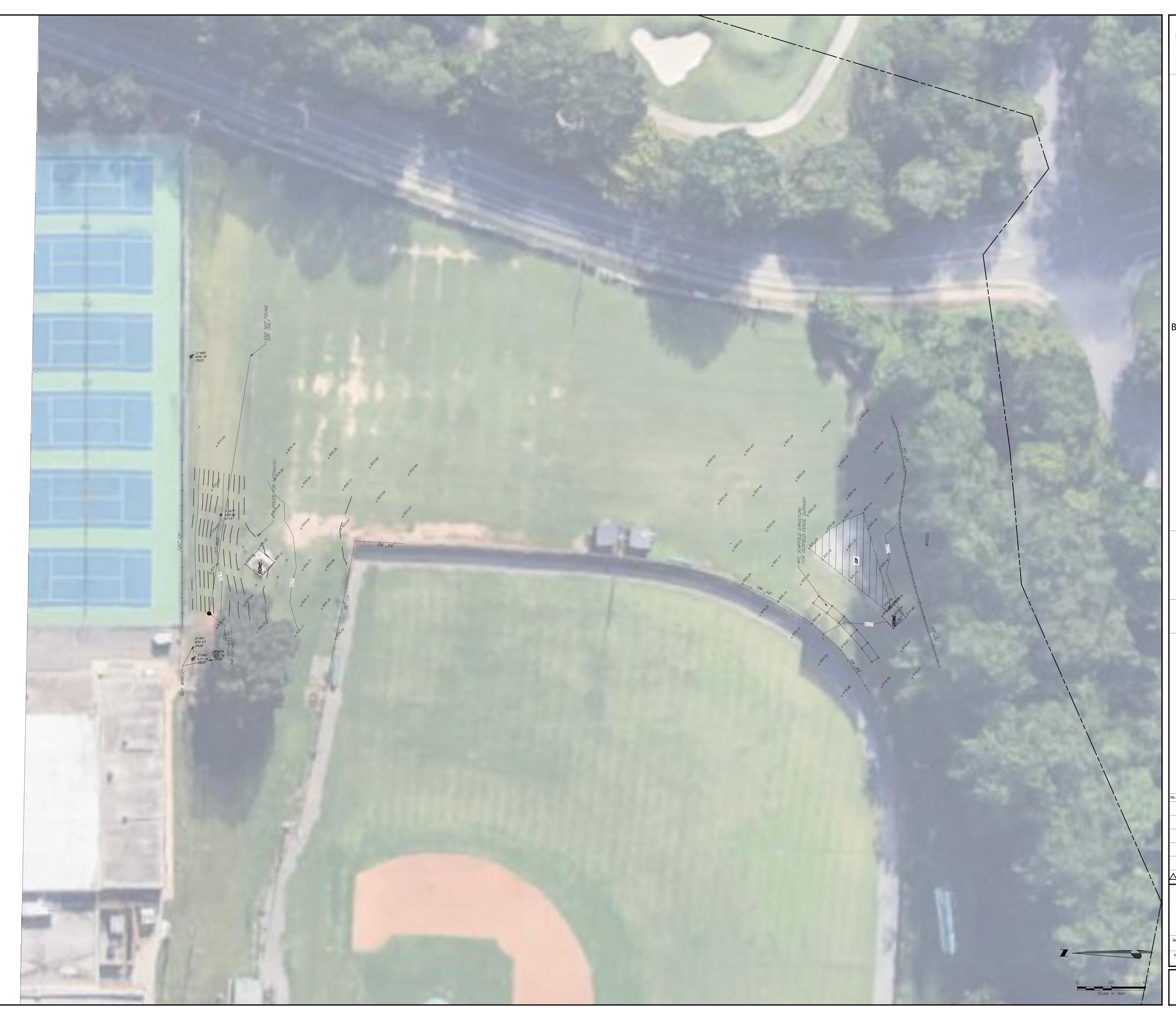
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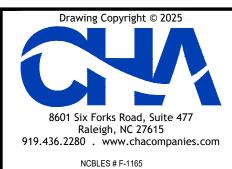
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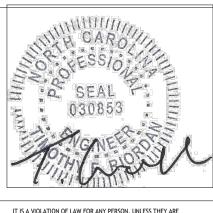
EXISTING CONDITIONS -TRACK

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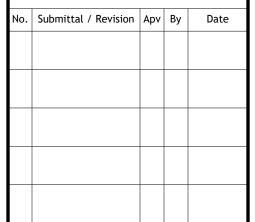


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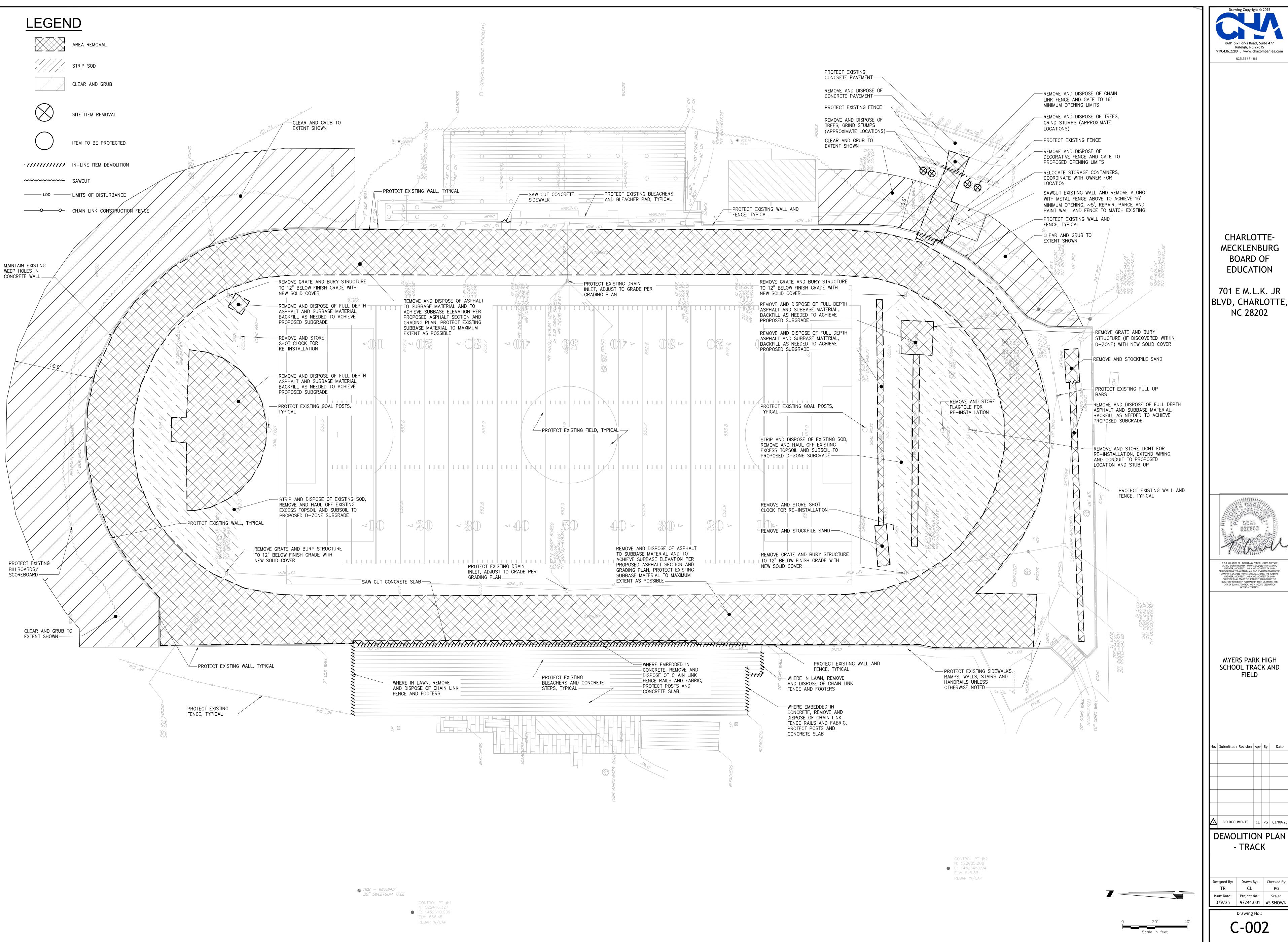


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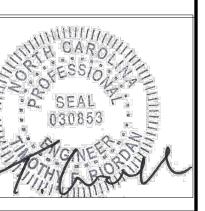
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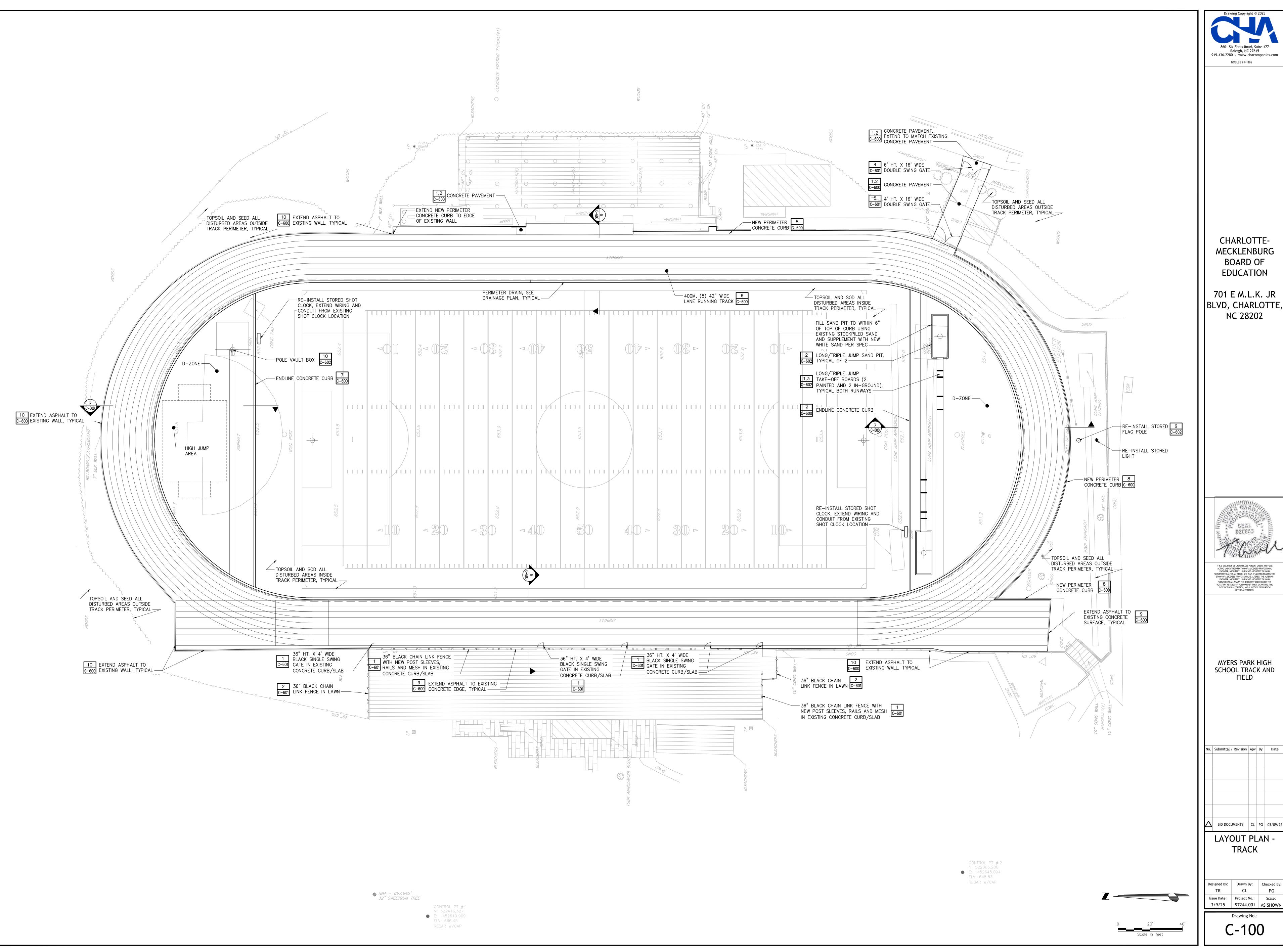
SCHOOL TRACK AND **FIELD**

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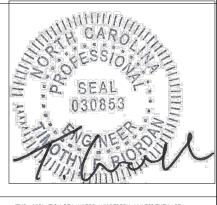
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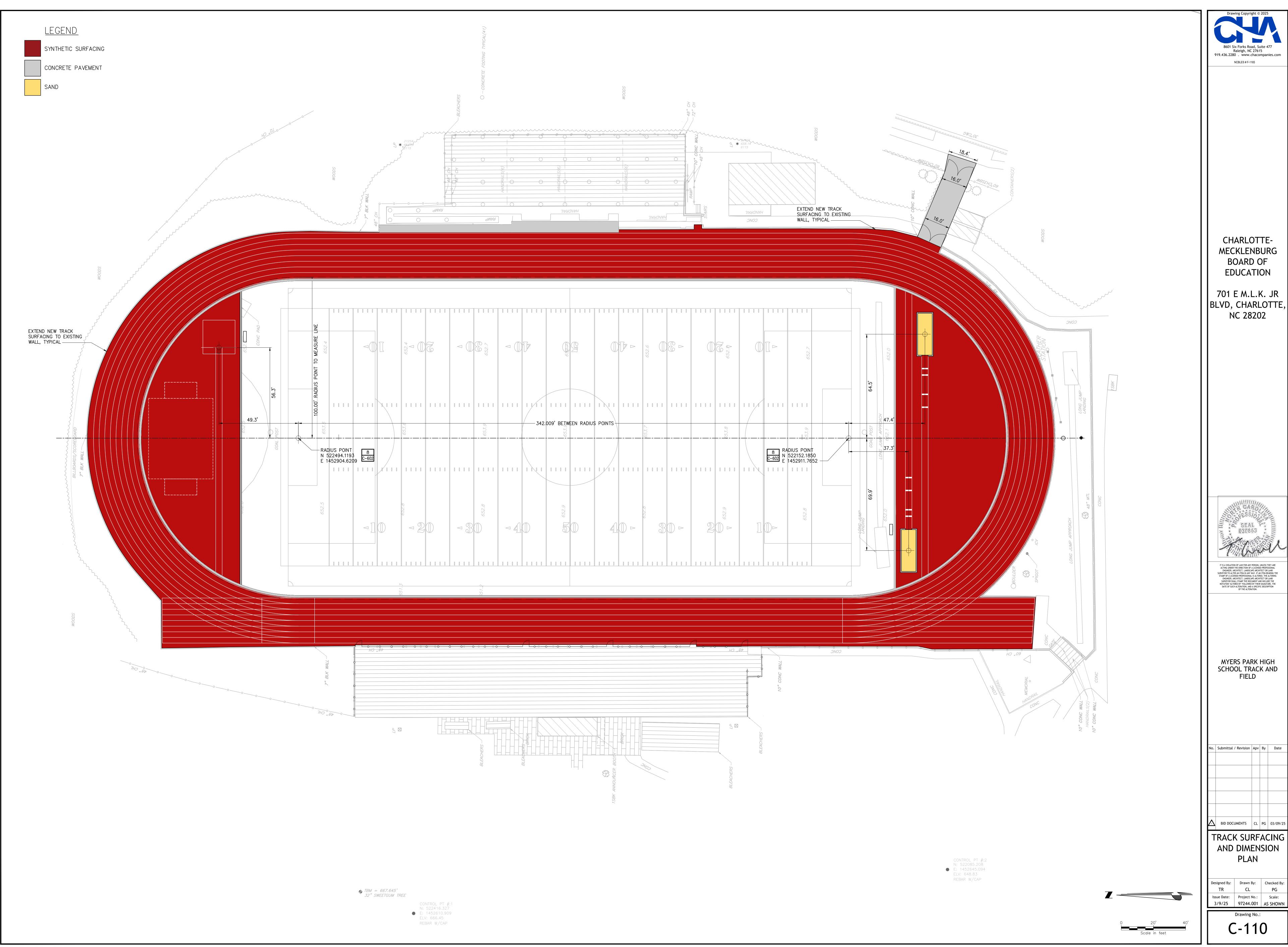
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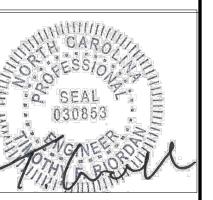
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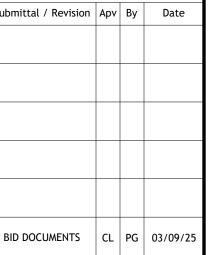




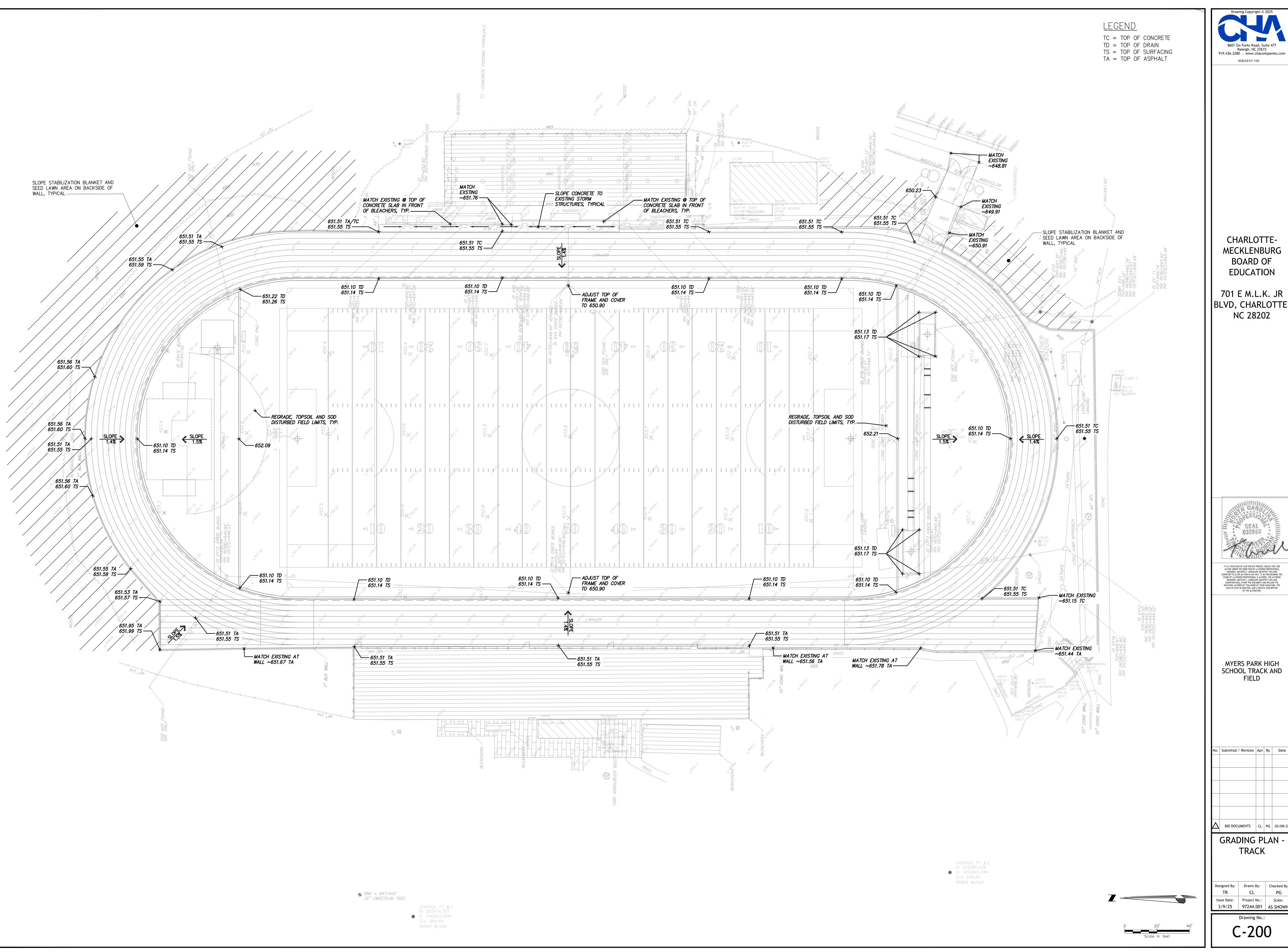


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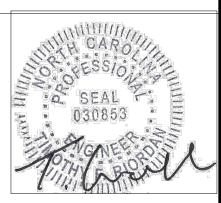
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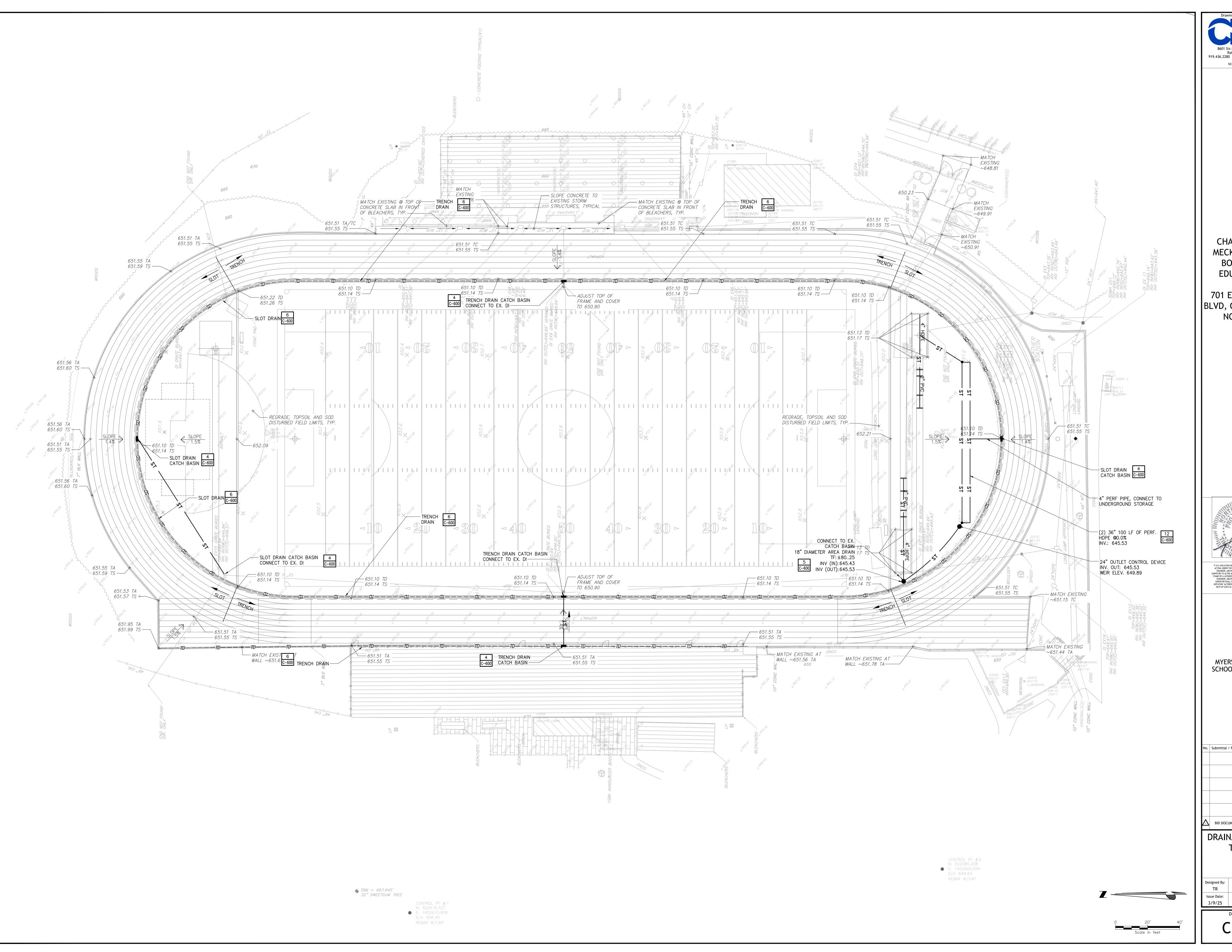
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GRADING PLAN -TRACK

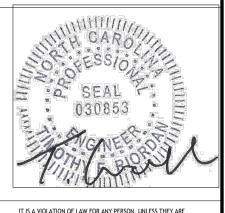
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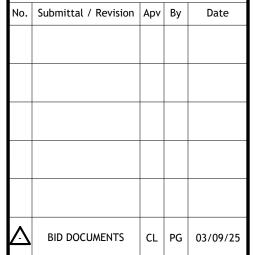


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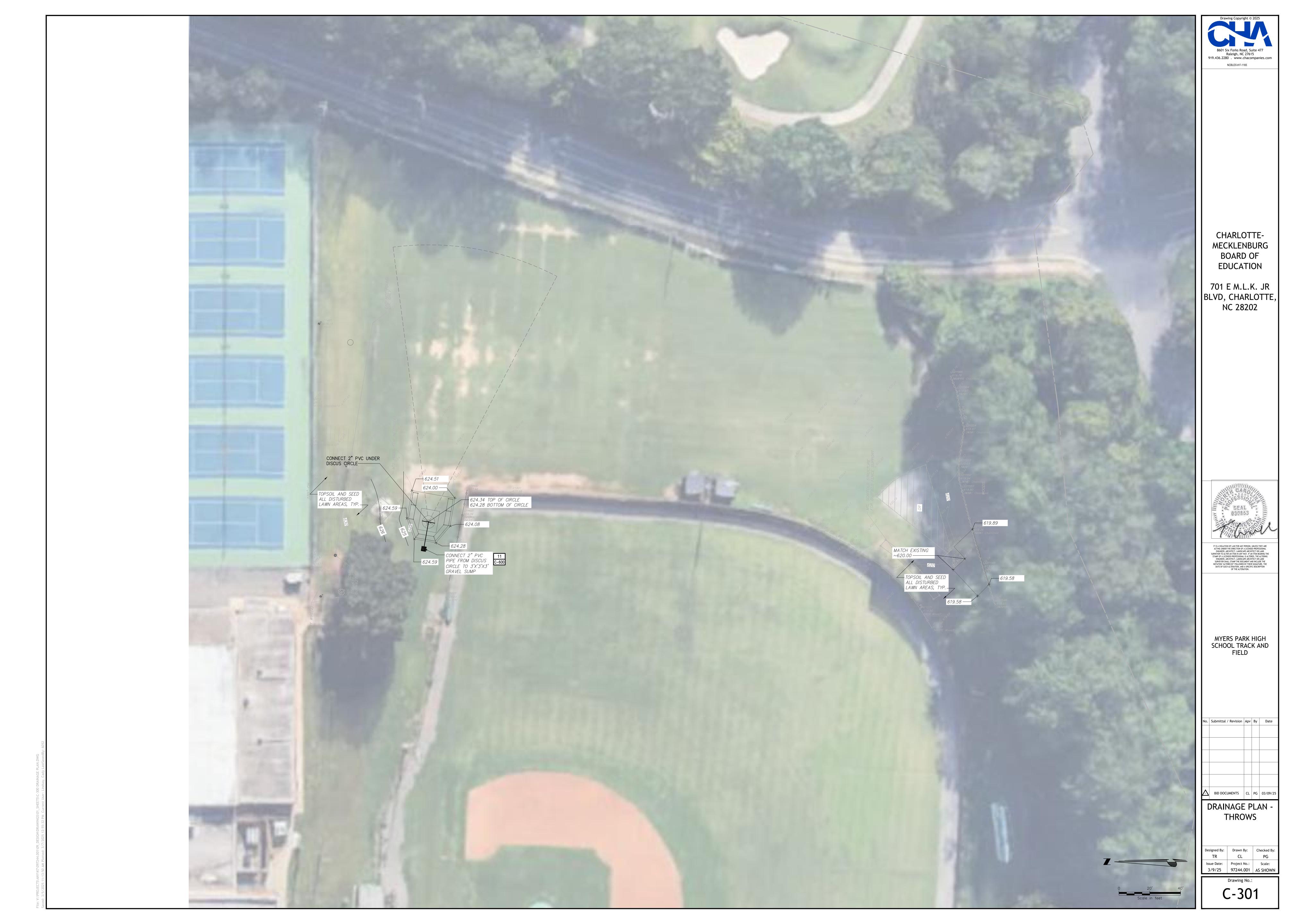
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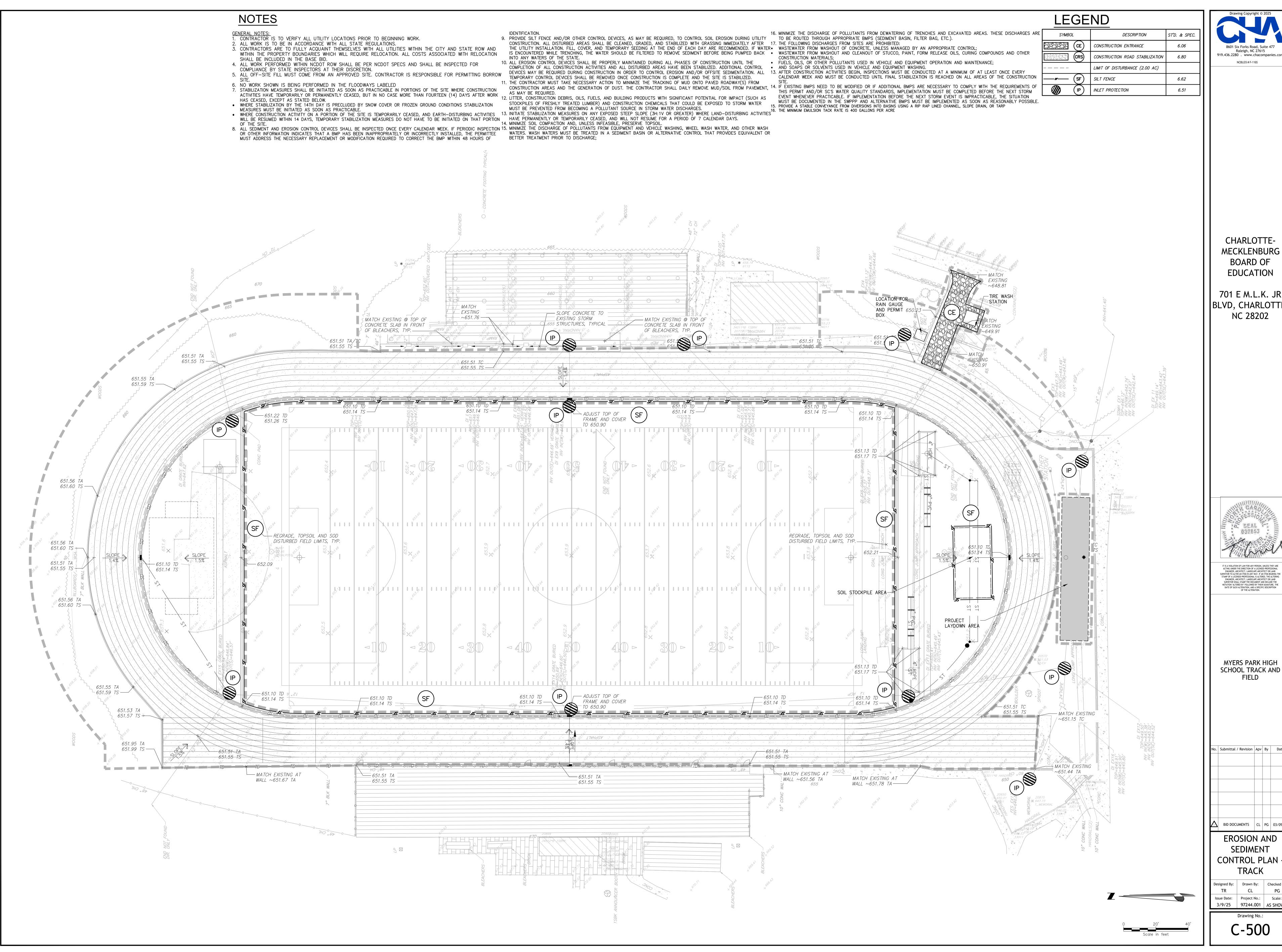


DRAINAGE PLAN -TRACK

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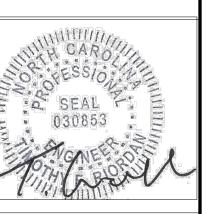
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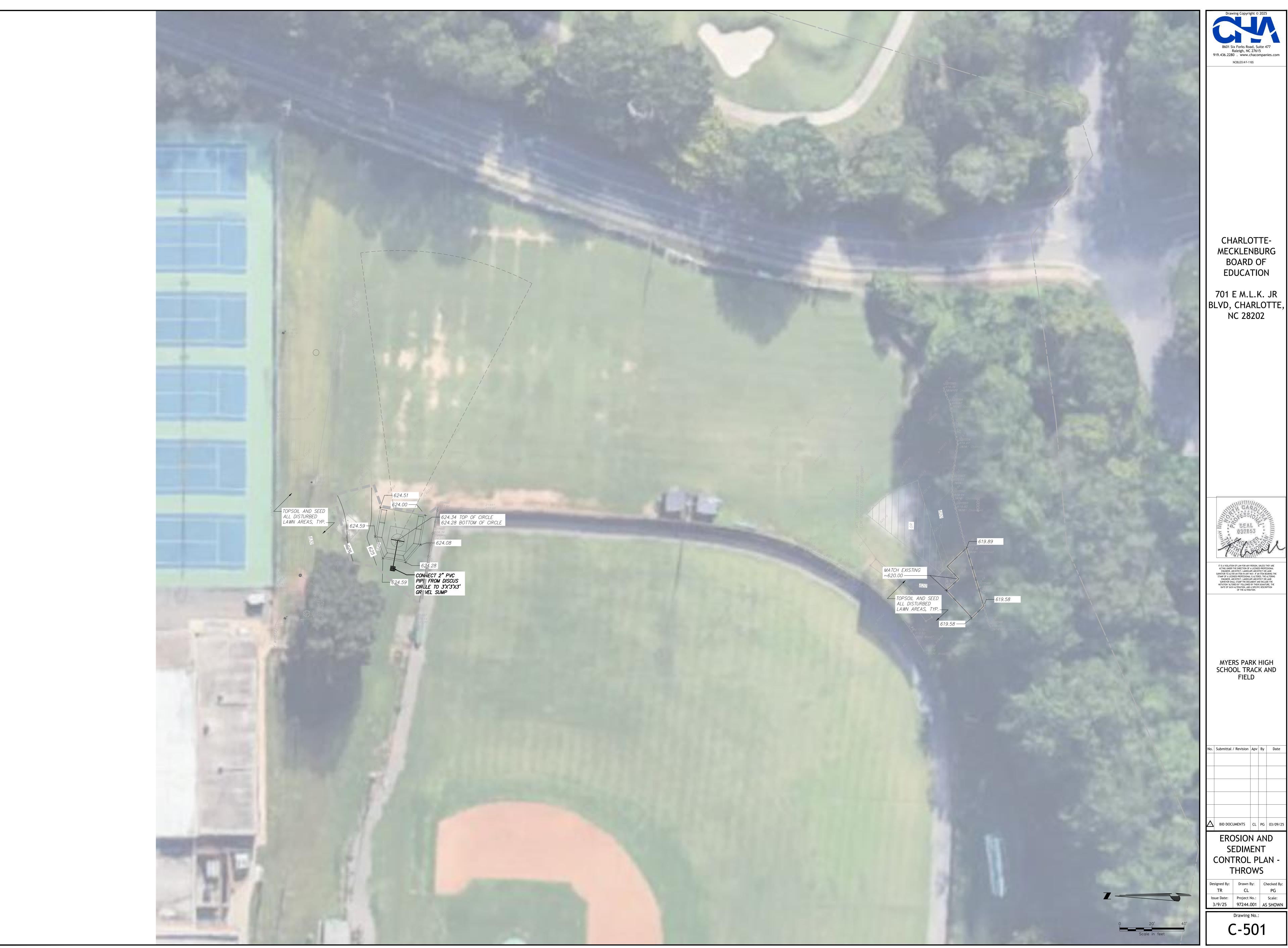


FIELD

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EROSION AND SEDIMENT CONTROL PLAN -TRACK

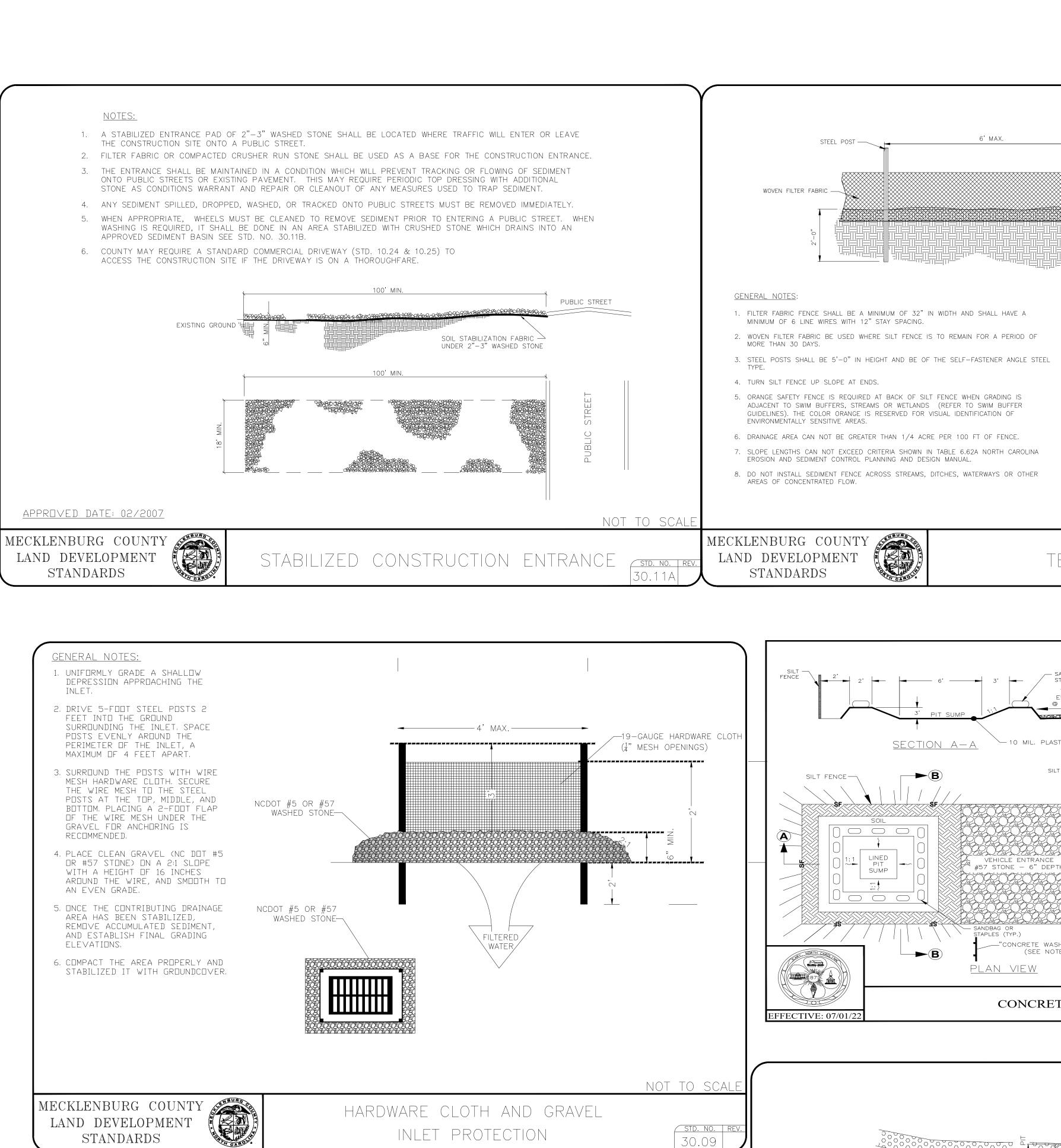
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SD-48

INSTALLATION NOTES

AND BE SURROUNDED BY PROPERLY INSTALLED SILT FENCE

WHEN UNABLE TO PLACE STOCKPILE ON UNPAVED SURFACES,

SHALL BE LOCATED ON UNPAVED, LEVEL, DRY GROUND.

MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.

5. SEE SPECIFICATIONS FOR INSTALLATION OF SILTFENCE.

SOIL STOCKPILING DETAIL

6. NO STOCKPILE OF SURPLUS MATERIAL WILL BE PERMITTED.

TOPSOIL AND OTHER APPROVED NON-SURPLUS MATERIAL STOCKPILES

STOCKPILES SHALL BE COVERED WITH TARPS OR TEMPORARY SEEDING

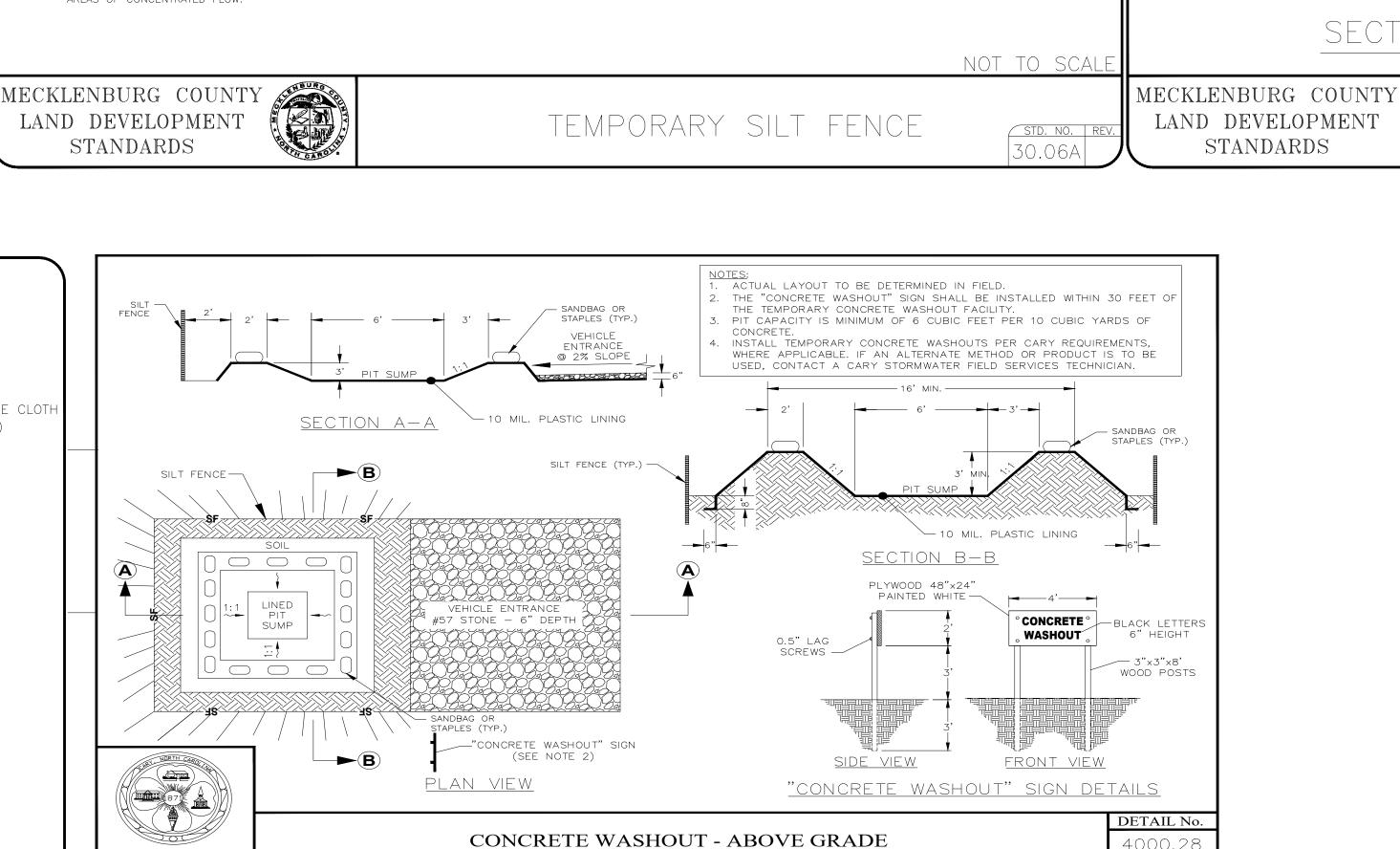
CONTRACTOR SHALL, AT THE SOLE DISCRETION OF THE engineer, PLACE STOCKPILE OVER TARP AND COVER AND/OR CONTAIN AS DESCRIBED

Stabilize entire pile with

vegetation or cover -

SLOPE OR LESS

SILTFENCE



MAINTENANCE NOTES:

FABRIC SHALL BE REPLACED PROMPTLY.

EXISTING GRADE, PREPARED AND SEEDED.

STEEL POST

- FILTER FABRIC

1. FILTER BARRIERS SHALL BE INSPECTED BY THE FINANCIALLY RESPONSIBLE PARTY

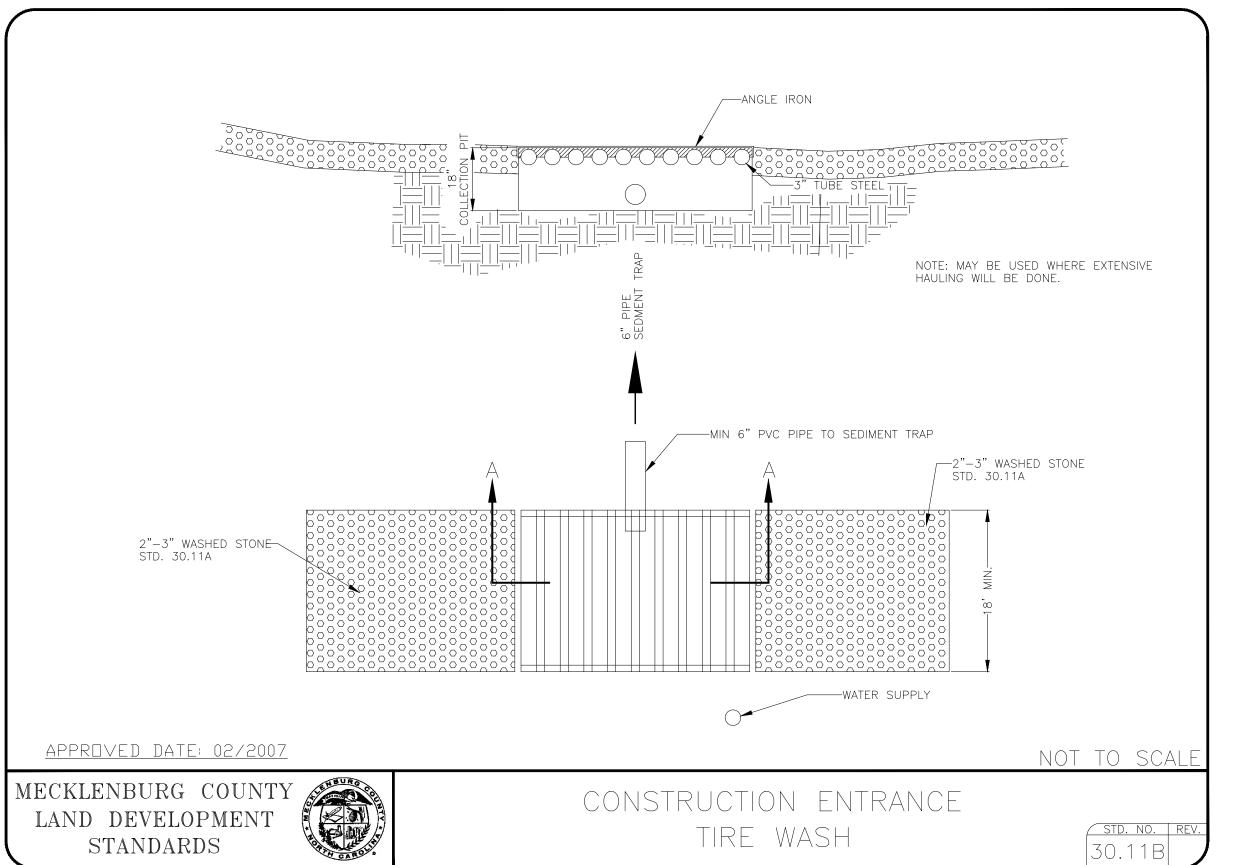
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL IS NECESSARY, THE

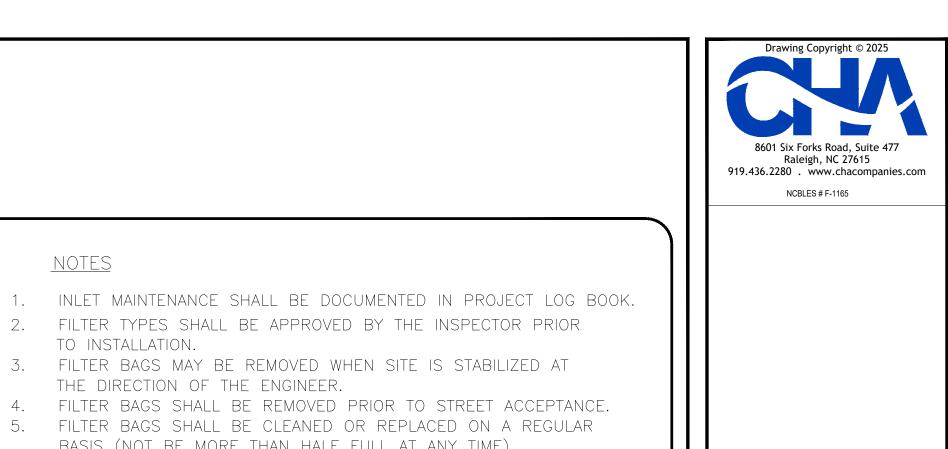
3. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN DEPOSITS REACH APPROX. HALF

THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS REMOVED SHALL BE DRESSED TO CONFORM TO THE

OR HIS AGENT IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS NEEDED SHALL BE MADE IMMEDIATELY.

RESTRAINT





2. FILTER TYPES SHALL BE APPROVED BY THE INSPECTOR PRIOR

3. FILTER BAGS MAY BE REMOVED WHEN SITE IS STABILIZED AT

BASIS (NOT BE MORE THAN HALF FULL AT ANY TIME).

FILTER BAGS SHALL NOT BE ALLOWED IN EXISTING TOWN OR NCDOT

- DEFLECTOR

NOT TO SCAL

TO INSTALLATION.

ROADS.

1" REBAR FOR BAG-

REMOVAL FROM INLET

CATCH BASIN-

APPROVED DATE: 02/2007

FILTER BAG -

DUMP LOOPS ---

THE DIRECTION OF THE ENGINEER.

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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.

MYERS PARK HIGH SCHOOL TRACK AND FIELD

No. | Submittal / Revision | Apv | By | Date BID DOCUMENTS | CL | PG | 03/09/25

EROSION AND SEDIMENT CONTROL DETAILS

3/9/25 97244.001 AS SHOWN

Drawing No.:

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the lelegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

	Required Ground Stabilization Timeframes					
Site Area Description		Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations			
(a)	Perimeter dikes, swales, ditches, and perimeter slopes	7	None			
(b)	High Quality Water (HQW) Zones	7	None			
(c)	Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed			
(d)	Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed			
(e)	Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope			

ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

ı	Temporary Stabiliza
ı	Temporary grass seed covered
ı	other mulches and tackifiers
ı	

- Permanent Stabilization ed with straw or Permanent grass seed covered with straw or other mulches and tackifiers
- Hydroseeding • Rolled erosion control products with or without temporary grass seed
- · Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding
- Appropriately applied straw or other mulch Shrubs or other permanent plantings covered Plastic sheeting with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion
 - retaining walls Rolled erosion control products with grass seed

Structural methods such as concrete, asphalt or

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures. Apply flocculants at the concentrations specified in the NC DWR List of Approved
- PAMS/Flocculants and in accordance with the manufacturer's instructions.
- 4. Provide ponding area for containment of treated Stormwater before discharging
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment. 3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the
- 4. Collect all spent fluids, store in separate containers and properly dispose as
- hazardous waste (recycle when possible). Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- 5. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

ITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.

Never bury or burn waste. Place litter and debris in approved waste containers.

- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available. Locate waste containers on areas that do not receive substantial amounts of runoff
- from upland areas and does not drain directly to a storm drain, stream or wetland. Cover waste containers at the end of each workday and before storm events or
- provide secondary containment. Repair or replace damaged waste containers. Anchor all lightweight items in waste containers during times of high winds. Empty waste containers as needed to prevent overflow. Clean up immediately if
- containers overflow. Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands. . Locate paint washouts at least 50 feet away from storm drain inlets and surface
- waters unless no other alternatives are reasonably available. Contain liquid wastes in a controlled area.
- 4. Containment must be labeled, sized and placed appropriately for the needs of site. 5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from

construction sites.

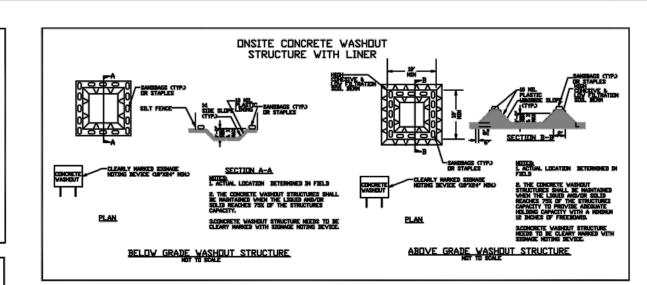
- PORTABLE TOILETS Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace

EARTHEN STOCKPILE MANAGEMENT

with properly operating unit.

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of
- five feet from the toe of stockpile. Provide stable stone access point when feasible.
- . Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.





CONCRETE WASHOUTS

- 1. Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- 6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- limits. Post signage on the washout itself to identify this location. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary

Install at least one sign directing concrete trucks to the washout within the project

products, follow manufacturer's instructions. 10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of
- 3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water
- or surface water. If a spill occurs, clean area immediately. 4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

SECTION C: REPORTING

(b) Oil spills if:

Occurrence

deposition in a

(b) Oil spills and

substances per Item

1(b)-(c) above

(c) Anticipated

(d) Unanticipated

bypasses [40 CFR

with the conditions

of this permit that

122.41(m)(3)]

health or the

| environment[40

CFR 122.41(I)(7)]

release of

hazardous

stream or wetland

1. Occurrences that Must be Reported

They are 25 gallons or more,

Permittees shall report the following occurrences:

(Ref: 40 CFR 302.4) or G.S. 143-215.85.

2. Reporting Timeframes and Other Requirements

(d) Anticipated bypasses and unanticipated bypasses.

(a) Visible sediment deposition in a stream or wetland.

Create designated hazardous waste collection areas on-site.

- Place hazardous waste containers under cover or in secondary containment.
- 3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

SELF-INSPECTION, RECORDKEEPING AND REPORTING

They are less than 25 gallons but cannot be cleaned up within 24 hours,

(c) Releases of hazardous substances in excess of reportable quantities under Section 311

(e) Noncompliance with the conditions of this permit that may endanger health or the

After a permittee becomes aware of an occurrence that must be reported, he shall contact

the appropriate Division regional office within the timeframes and in accordance with the

other requirements listed below. Occurrences outside normal business hours may also be

with the federal or state impaired-waters conditions.

Within 24 hours, an oral or electronic notification.

Reporting Timeframes (After Discovery) and Other Requirements

Within 7 calendar days, a report that contains a description of the

sediment and actions taken to address the cause of the deposition.

Division staff may waive the requirement for a written report on a

If the stream is named on the NC 303(d) list as impaired for sediment-

related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff

Within 24 hours, an oral or electronic notification. The notification

shall include information about the date, time, nature, volume and

A report at least ten days before the date of the bypass, if possible

The report shall include an evaluation of the anticipated quality and

Within 7 calendar days, a report that includes an evaluation of the

Within 7 calendar days, a report that contains a description of the

including exact dates and times, and if the noncompliance has not

continue; and steps taken or planned to reduce, eliminate, and

prevent reoccurrence of the noncompliance. [40 CFR 122.41(I)(6).

Division staff may waive the requirement for a written report on a

been corrected, the anticipated time noncompliance is expected to

noncompliance, and its causes; the period of noncompliance,

determine that additional requirements are needed to assure compliance

reported to the Department's Environmental Emergency Center personnel at (800)

(a) Visible sediment • Within 24 hours, an oral or electronic notification

location of the spill or release.

quality and effect of the bypass

effect of the bypass.

(e) Noncompliance • Within 24 hours, an oral or electronic notification

of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA

They cause sheen on surface waters (regardless of volume), or

They are within 100 feet of surface waters (regardless of volume).

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

SELF-INSPECTION, RECORDKEEPING AND REPORTING

Inspect	frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend o holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded a "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDCs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

SELF-INSPECTION, RECORDKEEPING AND REPORTING

Documentation Requirements

initial installation of the E&SC measures or if

plan or complete, date and sign an inspection

Initial and date a copy of the approved E&SC

plan or complete, date and sign an inspection

report to indicate completion of the

construction phase.

the E&SC measures are modified after initial

SECTION B: RECORDKEEPING 1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document

(a) Each E&SC measure has been installed | Initial and date each E&SC measure on a copy and does not significantly deviate from the | of the approved E&SC plan or complete, date locations, dimensions and relative elevations | and sign an inspection report that lists each shown on the approved E&SC plan. E&SC measure shown on the approved E&SC plan. This documentation is required upon the

(b) A phase of grading has been completed. | Initial and date a copy of the approved E&SC

(c) Ground cover is located and installed in accordance with the approved E&SC

(d) The maintenance and repair requirements for all E&SC measures have been performed.

(e) Corrective actions have been taken to E&SC measures.

report to indicate compliance with approved ground cover specifications. Complete, date and sign an inspection report. Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the

2. Additional Documentation to be Kept on Site In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years All data used to complete the e-NOI and all inspection records shall be maintained for a period

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

of three years after project completion and made available upon request. [40 CFR 122.41]

PART II, SECTION G, ITEM (4) DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down

for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
- (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above, (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and

(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,

(f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

Environmental Quality

EFFECTIVE: 04/01/19

NORTH CAROLINA

NPDES CONSTRUCTION GENERAL PERMIT - NCG 010000

ENTIRE PERMIT CAN BE FOUND AT:

https://files.nc.gov/ncdeq/Energy%20Mineral%20and%20Land%20Resources/Stormwater/NCG010000_Final_Permit_2019_04_01.pdf

E&SC PERMANENT SEEDING SCHEDULE

	MOUNTAINS		
SEEDING DATES	SPECIES	RATE (lb/acre)	
ALIO 45 MAY4	TALL FESCUE	100	
AUG. 15 - MAY 1	**RYE GRAIN	40	
SEPT. 1 - JUNE 1	**RYE GRAIN	55	
JUNE 2 - AUG. 14	***GERMAN MILLET	10	
JUNE 2 - AUG. 14	*SUPPLEMENT WITH IRRI	GATION	
	PIEDMONT		
SEEDING DATES	SPECIES	RATE (lb/acre)	
SEPT. 1 - MAY 1	TALL FESCUE	100	
SEPT. I - MAY I	**RYE GRAIN	55	
APRIL 15 - JUNE 30	***GERMAN MILLET	35	
IIII V 4 ALIC 20	***GERMAN MILLET 10		
JULY 1 - AUG. 30 *SUPPLEMENT WITH IRRIGATION			
	COASTAL PLAIN		
SEEDING DATES	SPECIES	RATE (lb/acre)	
SEPT. 30 - APRIL 1	TALL FESCUE	100	
SEPT. 30 - APRIL T	**RYE GRAIN	55	
APRIL 15 - JUNE 30	***GERMAN MILLET	35	
IIIV1 CERT 20	***GERMAN MILLET	10	
JULY 1 - SEPT. 29	*SUPPLEMENT WITH IRRI	GATION	
*RESEED WITH NO	N-NURSE CROPS WITHIN ACCEPTA	BLE DATES	
**MAY BE SUBSTITUTED WITH WHEAT AT 30 LBS/ACRE			
***MAY BE SUBSTIT	UTED WITH BROWNTOP MILLET AT 1	10 LBS/ACRE	

COMPLETE SEEDING EARLIER IN THE FALL, AND START LATER IN THE SPRING ON NORTH AND EAST FACING SLOPES.

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS OR APPLY 4000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1000 LB/ACRE 5-10-10 FERTILIZER.

APPLY 4000-5000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCHING MATERIAL. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR ROVING. NETTING IS THE PREFERRED ANCHORING METHOD ON STEEP

REFERTILIZE THE SECOND YEAR UNLESS GROWTH IS FULLY ADEQUATE. MOW NO MORE THAN ONCE PER YEAR. RESEED, FERTILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY

SOIL TEST: SOIL TESTING WILL DETERMINE WHETHER THE SOIL PH AND NUTRIENT (PHOSPHORUS, POTASSIUM, CALCIUM AND MAGNESIUM) LEVELS ARE IN A RANGE THAT FAVOR TURFGRASS GROWTH. THE SOIL TEST REPORT WILL INDICATE NEEDED AMOUNTS OF FERTILIZER AND/OR LIME.

CLEAN AND ROUGH GRADE: REMOVE ALL DEBRIS FROM THE LOCATION TO BE PLANTED. THIS INCLUDES ROCKS, BOTTLES, LARGE ROOTS AND OLD TREE TRUNKS. IF EXTENSIVE GRADING IS NEEDED, REMOVE THE TOPSOIL AND STOCKPILE IT FOR REPLACEMENT AFTER THE ROUGH GRADE IS ESTABLISHED.

THE SUBSURFACE MAY BECOME COMPACTED DURING ROUGH GRADING, ESPECIALLY IF THE GROUND IS WET. THIS COMPACTED LAYER MUST BE BROKEN UP. A SPRING-TOOTH HARROW WORKS WELL ON LIGHTLY COMPACTED SOILS; A SMALL ROTOTILLER MAY BE NEEDED FOR MORE HEAVILY COMPACTED SITES.

DEEP TILLAGE: ROTOTILLING LOOSENS COMPACTED SOIL AND IMPROVES THE SPEED AND DEPTH OF ROOTING. A TRACTOR-MOUNTED OR SELF-PROPELLED TILLER WILL ADEQUATELY TILL THE SOIL. TAKE CARE NOT TO DESTROY THE EXISTING TREES IN THE LAWN. CUTTING TOO MANY TREE ROOTS DURING SOIL TILLAGE CAN SEVERELY DAMAGE OR KILL A TREE. TREES CAN ALSO BE SUFFOCATED BY DEEPLY COVERING THE ROOTS WITH SOIL IF ADDITIONAL SOIL IS NECESSARY AT A TREE BASE, CONSTRUCT A "TREE WELL."

REPLACE THE TOPSOIL: ONCE THE SUBSURFACE IS ESTABLISHED, RETURN THE TOPSOIL AND SPREAD UNIFORMLY OVER THE ENTIRE AREA. ALLOW FOR AT LEAST 6 TO 8 INCHES OF DEPTH AFTER THE SOIL HAS SETTLED. THIS MEANS PLACING ABOUT 8 TO 10 INCHES OF TOPSOIL OVER THE SUBSURFACE. IMPROVE THE SOIL BY ADDING ORGANIC MATTER. THIS IMPROVES WATER RETENTION IN SANDY SOILS AND DRAINAGE IN CLAY SOILS AND REDUCES FERTILIZER LEACHING.

E&SC TEMPORARY SEEDING SCHEDULE

MOUNTAINS						
SEEDING DATES	SPECIES	RATE (lb/acre)				
ABOVE 2500 FEET: FEB. 15 - MAY 15 BELOW 2500 FEET: FEB. 1 - MAY 1	RYE (GRAIN)	120				
MAY 15 - AUG. 15	GERMAN MILLET	40				
AUG. 15 - DEC. 15	RYE (GRAIN)	120				
F	PIEDMONT					
SEEDING DATES	SPECIES	RATE (lb/acre)				
JAN. 1 - MAY 1	RYE (GRAIN)	120				
MAY 1 - AUG. 15	GERMAN MILLET	40				
AUG. 15 - DEC. 20	RYE (GRAIN)	120				
СО	COASTAL PLAIN					
SEEDING DATES	SPECIES	RATE (lb/acre)				
DEC. 1 - APRIL 15	RYE (GRAIN)	120				
APRIL 15 - AUG. 15	GERMAN MILLET	40				
AUG. 15 - DEC. 30	RYE (GRAIN)	120				

APPLY 4000-5000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OR ANOTHER SUITABLE

MULCH ANCHORING TOOL

REFERTILIZE IF GROWTH IN NOT FULLY ADEQUATE. RESEED, FERTILIZER, AND

MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE. TOPDRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/ACRE KOREAN LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

SOIL TEST: SOIL TESTING WILL DETERMINE WHETHER THE SOIL PH AND NUTRIENT (PHOSPHORUS, POTASSIUM, CALCIUM AND MAGNESIUM) LEVELS ARE IN A RANGE THAT FAVOR TURFGRASS GROWTH. THE SOIL TEST REPORT WILL INDICATE NEEDED AMOUNTS OF FERTILIZER AND/OR LIME.

CLEAN AND ROUGH GRADE: REMOVE ALL DEBRIS FROM THE LOCATION TO BE PLANTED. THIS INCLUDES ROCKS, BOTTLES, LARGE ROOTS AND OLD TREE TRUNKS. IF EXTENSIVE GRADING IS NEEDED, REMOVE THE TOPSOIL AND STOCKPILE IT FOR REPLACEMENT AFTER THE ROUGH GRADE IS ESTABLISHED.

THE SUBSURFACE MAY BECOME COMPACTED DURING ROUGH GRADING, ESPECIALLY IF THE GROUND IS WET. THIS COMPACTED LAYER MUST BE BROKEN UP. A SPRING-TOOTH HARROW WORKS WELL ON LIGHTLY COMPACTED SOILS; A SMALL ROTOTILLER MAY BE NEEDED FOR MORE HEAVILY COMPACTED SITES.

DEEP TILLAGE: ROTOTILLING LOOSENS COMPACTED SOIL AND IMPROVES THE SPEED AND DEPTH OF ROOTING. A TRACTOR-MOUNTED OR SELF-PROPELLED TILLER WILL ADEQUATELY TILL THE SOIL. TAKE CARE NOT TO DESTROY THE EXISTING TREES IN THE LAWN. CUTTING TOO MANY TREE ROOTS DURING SOIL TILLAGE CAN SEVERELY DAMAGE OR KILL A TREE. TREES CAN ALSO BE SUFFOCATED BY DEEPLY COVERING THE ROOTS WITH SOIL. IF ADDITIONAL SOIL IS NECESSARY AT A TREE BASE, CONSTRUCT A "TREE WELL."

REPLACE THE TOPSOIL: ONCE THE SUBSURFACE IS ESTABLISHED, RETURN THE TOPSOIL AND SPREAD UNIFORMLY OVER THE ENTIRE AREA. ALLOW FOR AT LEAST 6 TO 8 INCHES OF DEPTH AFTER THE SOIL HAS SETTLED. THIS MEANS PLACING MULCHING MATERIAL. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ABOUT 8 TO 10 INCHES OF TOPSOIL OVER THE SUBSURFACE. IMPROVE THE SOIL BY ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A ADDING ORGANIC MATTER. THIS IMPROVES WATER RETENTION IN SANDY SOILS AND DRAINAGE IN CLAY SOILS AND REDUCES FERTILIZER LEACHING.

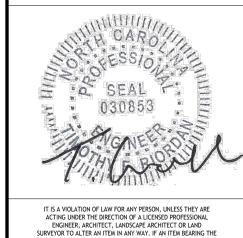


MECKLENBURG BOARD OF EDUCATION

701 E M.L.K. JR

CHARLOTTE-

BLVD, CHARLOTTE NC 28202



SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, TH DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

MYERS PARK HIGH SCHOOL TRACK AND FIELD

No.	Submittal / Revision	Ару	Ву	Date
Δ	BID DOCUMENTS	CL	PG	03/09/25

EROSION AND SEDIMENT CONTROL NOTES

3/9/25 97244.001 AS SHOWN

C-551

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO RECONSTRUCT THE TRACK AND FIELD EVENTS WITH NEW ASPHALT AND TRACK SURFACING AT MYERS PARK HIGH SCHOOL. A TOTAL OF 2.0 ACRES WILL BE DISTURBED DURING CONSTRUCTION.

EXISTING SITE CONDITIONS

THE EXISTING SITE INCLUDES AN EXISTING ASPHALT TRACK AND NATURAL TURF AREAS FOR THE FIELD EVENTS. THE EXISTING DRAINAGE AREA DRAINS DIRECTLY FROM THE TRACK TO AN EXISTING CLOSED CONDUIT SYSTEM SURROUNDING THE FIELD. THIS REACHES A TRIBUTARY TO BRIAR CREEK.

ADJACENT PROPERTY

THE SITE IS LOCATED WEST OF COLONY RD AND EAST OF MEYERS PARK HIGH SCHOLL IN CHARLOTTE, NC.

THE PROJECT AREA IS CLASSIFIED AS 100% MKB OR MECLENBURG, URBAN LAND COMPLEX, WHICH IS CLASSIFIED AS HSG TYPE C SOILS.

CRITICAL EROSION AREAS

THERE ARE NO CRITICAL SLOPES OR EROSION AREAS ON THIS SITE.

STOCKPILES

THE SOIL STOCKPILE WILL BE LOCATED IN THE JUMP AREA OF THE FOOTBALL FIELD.

EROSION AND SEDIMENT CONTROL MEASURES

UNLESS OTHERWISE INDICATED. ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA EROSION AND SEDIMENT PLANNING AND DESIGN MANUAL.

STRUCTURAL PRACTICES

NCESPDM STD. & SPEC

CONSTRUCTION ENTRANCE TEMPORARY CONSTRUCTION ENTRANCES WITH A WASH RACK SHALL BE INSTALLED TO ACCESS THE SITE. DURING MUDDY CONDITIONS, DRIVERS OF CONSTRUCTION VEHICLES WILL BE REQUIRED TO WASH THEIR WHEELS BEFORE ENTERING LOCAL ROADWAYS.

SILT_FENCE_

A TEMPORARY SEDIMENT BARRIER CONSISTING OF A SYNTHETIC FILTER FABRIC STRETCHED ACROSS AND ATTACHED TO SUPPORTING POSTS AND ENTRENCHED.

STORM DRAIN INLET PROTECTION

ALL STORM SEWER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. SEDIMENT-LADEN WATER SHALL BE FILTERED BEFORE ENTERING THE STORM SEWER INLETS.

OUTLET PROTECTION

STRUCTURALLY LINED APRONS PLACED AT THE OUTLETS OF PIPES TO PREVENT SCOUR AT STORMWATER OUTLETS AS WELL AS PROTECT THE OUTLET STRUCTURE AND MINIMIZE THE POTENTIAL FOR DOWNSTREAM EROSION BY REDUCING THE VELOCITY AND ENERGY OF CONCENTRATED STORMWATER FLOWS

ROCK PIPE INLET PROTECTION

A HORSESHOE SHAPED ROCK DAM STRUCTURE AT A PIPE INLET WITH A SEDIMENT STORAGE AREA AROUND THE OUTSIDE PERIMETER OF THE STRUCTURE. TO PREVENT SEDIMENT FROM ENTERING, ACCUMULATING IN AND BEING TRANSFERRED BY A CULVERT OR STORM DRAINAGE SYSTEM PRIOR TO STABILIZATION OF THE DISTURBED DRAINAGE AREA. THIS PRACTICE ALLOWS EARLY USE OF THE STORM DRAINAGE SYSTEM

VEGETATIVE PRACTICES

<u>TOPSOILING</u> TOPSOIL WILL BE STRIPPED FROM AREAS TO BE GRADED AND STOCKPILED FOR LATER USE. TOPSOIL SHALL BE STOCKPILED IN SUCH A MANNER THAT NATURAL DRAINAGE IS NOT OBSTRUCTED AND NO OFF-SITE SEDIMENT DAMAGE SHALL RESULT. STABILIZE OR PROTECT STOCKPILES IN ACCORDANCE WITH MS #2.

TEMPORARY SEEDING ALL DENUDED AREAS, WHICH WILL BE LEFT DORMANT FOR EXTENDED PERIODS OF TIME, SHALL BE

SEEDED WITH FAST GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING. SELECTION OF THE SEED MIXTURE WILL DEPEND ON THE TIME OF YEAR IT IS APPLIED. SEE SEEDING MIXTURES ON THIS SHEET. PERMANENT SEEDING

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISHED GRADING. SEED SHALL BE DONE IN ACCORDANCE WITH THE MIXTURES AND SCHEDULE SHOWN ON THIS SHEET. EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES, WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDED TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND TO ALLOW SEED TO GERMINATE PROPERLY.

MULCH WILL BE USED ON RELATIVELY FLAT AREAS. IN ALL SEEDING OPERATIONS, SEED, FERTILIZER AND LIME WILL BE APPLIED PRIOR TO MULCHING. DUST CONTROL

REDUCE SURFACE AND AIR MOVEMENT OF DUST DURING LAND DISTURBING AND CONSTRUCTION

ACTIVITIES TO REDUCE AIRBORNE SUBSTANCES. THIS CAN BE ACCOMPLISHED USING A VARIETY OF METHODS. SEE VESCH STANDARDS FOR METHOD DESCRIPTIONS.

MANAGEMENT STRATEGIES

- 1. CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
- 2. TEMPORARY SEEDING OR OTHER STABILIZATION WILL FOLLOW IMMEDIATELY AFTER GRADING
- 3. AREAS WHICH ARE NOT TO BE DISTURBED WILL BE CLEARLY MARKED.
- 4. THE JOB SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF
- ALL EROSION AND SEDIMENT CONTROL PRACTICES.
- 5. AFTER ACHIEVING ADEQUATE STABILIZATION. THE TEMPORARY EROSION AND SEDIMENT CONTROLS WILL BE CLEANED UP AND REMOVED.

MAINTENANCE SCHEDULE FOR EROSION CONTROL DEVICES

6,06 TEMPORARY CONSTRUCTION ENTRANCE

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY, THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING REWORKING OF EXISTING STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT, ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRUCKS TO REMOVE MATERIALS DROPPED, WASHED, OR TRACKED ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.

6,62 SILT FENCE

SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL, ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY, CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCE RESULTING FROM END RUNS AND UNDERCUTTING, SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY, SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT, THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER, ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE. PREPARED AND SEEDED

6.65 INLET PROTECTION

THE STORM DRAIN INLET PROTECTION SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP, REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

6.11 PERMANENT SEEDING

EVEN WITH CAREFUL, WELL-PLANNED SEEDING OPERATIONS, FAILURES CAN OCCUR. WHEN IT IS CLEAR THAT PLANTS HAVE NOT GERMINATED ON AN AREA OR HAVE DIED, THESE AREAS MUST BE SEEDED IMMEDIATELY TO PREVENT EROSION DAMAGE, HOWEVER, IT IS EXTREMELY IMPORTANT TO DETERMINE FOR WHAT REASON GERMINATION DID NOT TAKE PLACE AND MAKE ANY CORRECTIVE ACTION NECESSARY PRIOR TO RESEEDING THE AREA, HEALTHY VEGETATION IS THE MOST EFFECTIVE EROSION CONTROL AVAILABLE.

6.14 MULCHING

ALL MULCHES AND SOIL COVERINGS SHOULD BE INSPECTED PERIODICALLY (PARTICULARLY AFTER RAINSTORMS) TO CHECK FOR EROSION, WHERE EROSION IS OBSERVED IN MULCHED AREAS, ADDITIONAL MULCH SHOULD BE APPLIED, NETS AND MATS SHOULD BE INSPECTED AFTER RAINSTORMS FOR DISLOCATION OR FAILURE, IF WASHOUTS OR BREAKAGE OCCUR, RE-INSTALL NETTING OR MATTING AS NECESSARY AFTER REPAIRING DAMAGE TO THE SLOPE OR DITCH, INSPECTIONS SHOULD TAKE PLACE UP UNTIL GRASSES ARE FIRMLY ESTABLISHED, WHERE MULCH IS USED IN CONJUNCTION WITH ORNAMENTAL PLANTINGS, INSPECT PERIODICALLY THROUGHOUT THE YEAR TO DETERMINE IF MULCH IS MAINTAINING COVERAGE OF THE SOIL SURFACE; REPAIR AS NEEDED.

CONSTRUCTION SEQUENCE MYERS PARK HIGH SCHOOL TRACK:

GENERAL SITE PREPARATION

- 1. THE PLAN APPROVAL, NOTICE OF INTENT (NOI) AND CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE CALLING FOR A PRE-CONSTRUCTION MEETING.
- 2. THE CONTRACTOR SHALL CONTACT NCDEQ LAND QUALITY SECTION AT 919-791-4200 A MINIMUM OF 48 HOURS PRIOR TO BEGINNING LAND
- 3. THE CONTRACTOR IS REQUIRED TO PERFORM AN INITIAL INSPECTION OF THE SITE AND TO TAKE PHOTOGRAPHS AND VIDEO OF THE PROPOSED CONSTRUCTION, STAGING, AND STOCKPILE AREAS BEFORE DISTURBING THE SITE IN ACCORDANCE WITH THE GENERAL CONDITIONS. APPROVAL TO INSTALL EROSION AND SEDIMENT CONTROL SHALL NOT BE GRANTED UNTIL THE CONTRACTOR HAS PROVIDED TO THE OWNER AND RECEIVED WRITTEN APPROVAL OF THE CONTENT FROM THE OWNER.
- 4. STOCKPILES, LAYDOWN OR WASTE AREAS, CONCRETE WASHOUTS, PORTABLE TOILETS, AND FUELS MUST BE LOCATED AT LEAST 50 FEET AWAY FROM ANY OPEN WATER CONVEYANCES, SUCH AS BASINS, DITCHES, STORM DRAIN INLETS, ETC. THE LOCATION OF THESE ACTIVITIES MAY BE FIELD ADJUSTED IF THE DISTANCE REQUIREMENTS ARE MET.
- 5. PERFORM ALL UTILITY IDENTIFICATION AND MARKING/FLAGGING AS NECESSARY.
- COORDINATE WITH UTILITY COMPANIES TO RELOCATE OR PROTECT UTILITIES.
- STAKE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 8. INSTALL A PLAN BOX AT A VISIBLE LOCATION WITHIN THE SITE TO KEEP A COPY OF THE APPROVED EROSION CONTROL PLANS, NPDES
- REPORTS, ETC. POST THE EROSION CONTROL PERMIT IN A VISIBLE LOCATION ON THE PLAN BOX.

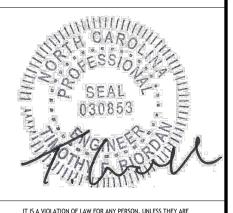
9. MOBILIZE CONSTRUCTION EQUIPMENT.

- 10. INSTALL SEDIMENT/EROSION CONTROL FENCING, CONSTRUCTION ENTRANCE, CATCH BASIN, YARD INLET, AND CURB INLET PROTECTION ON ALL EXISTING STRUCTURES, AND ALL OTHER EROSION CONTROL MEASURES NECESSARY AS SHOWN ON THE EROSION CONTROL PLAN. SEDIMENT CONTAINMENT DEVICES ARE TO BE INSTALLED PRIOR TO ANY DEMOLITION OF EXISTING STRUCTURES AND REMAIN UNTIL ALL SOILS HAVE PERMANENTLY STABILIZATION ESTABLISHED
- 11. IDENTIFY STAGING AND STOCKPILE AREAS AS SHOWN ON PLANS. ALL EXCAVATED MATERIAL SHALL BE STOCKPILED WITHIN STAGING AREAS OR THE LIMITS OF DISTURBANCE FOR LATER USE AS FILL MATERIAL OR DISPOSAL. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE STABILIZATION MEASURES AROUND THE STOCKPILE AREA(S) TO PREVENT EROSION AND SEDIMENTATION. ANY STOCKPILE MUST BE STABILIZED IF INACTIVE FOR MORE THAN 7 CALENDAR DAYS.
- 12. THE CONTRACTOR SHALL EXERCISE EVERY REASONABLE PRECAUTION THROUGHOUT THE CONSTRUCTION OF THE PROJECT TO PREVENT EROSION
- AND OFF-SITE SEDIMENTATION. WHEN THE MEASURES ARE COMPLETE CALL FOR AN INSPECTION BY THE ENGINEER.
- 13. BEGIN GRADING OPERATIONS FOR THE TRACK.
- 14. ACCUMULATED SEDIMENT SHALL BE REMOVED BY THE CONTRACTOR AND PROPERLY DISPOSED OF OFFSITE AS WORK PROGRESSES. ADDITIONAL
- MEASURES MAY BE REQUIRED DURING DECOMMISSIONING TO PREVENT ANY SEDIMENT BEING TRANSFERRED DOWNSTREAM. 15. COMPLETE IMPROVEMENTS.
- 16. REPAIR REMAINING AREAS USED FOR CONSTRUCTION ACCESS AND ACTIVITIES.
- 17. ONCE ALL MATERIALS AND EQUIPMENT HAS BEEN REMOVED FROM THE STAGING AND STOCKPILE AREA, ENSURE THE PAVEMENT IN THE PARKING LOT IS SWEPT CLEAN OF DEBRIS AND SEDIMENT
- 18. COMPLETE PERMANENT SITE SEEDING AND PLANTING AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. SEED AND MULCH STAGING AREAS, ALL HAUL/ACCESS ROADS, AND ANY REMAINING NON-VEGETATED AREAS.
- 19. PER THE NPDES PERMIT, GROUND STABILIZATION WILL BE APPLIED WITHIN 14 CALENDAR DAYS FROM LAST LAND DISTURBING ACTIVITY. FOR STEEP SLOPES, THAT AREA MUST BE STABILIZED WITHIN 7 CALENDAR DAYS." (15A NCAC 04B .0106, NCG01 PART II SECTION E (1))
- 20. COMPLETE SITE CLEANUP. 21. ALL REMAINING TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED FROM THEIR RESPECTIVE LOCATIONS ONLY WHEN THE
- STABILIZATION OF THE ADJACENT GROUND HAS BEEN ESTABLISHED.
- 22. REMOVE CONSTRUCTION ENTRANCE.
- 23. OBTAIN FINAL APPROVALS.
- 24. WHEN VEGETATION IS ESTABLISHED CONTACT NCDEQ LAND QUALITY INSPECTOR FOR FINAL INSPECTION AND CERTIFICATE OF COMPLIANCE.
- 25. UPON RECEIPT OF THE CERTIFICATE OF COMPLIANCE THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES 26. EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING
- ACTIVITIES (INCLUDING TIMBERING AND DEMOLITION) OCCUR. THE COC CAN BE OBTAINED BY FILLING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT DEQ.NC.GOV/NCG01. PLEASE NOTE. THE E-NOI FORM MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED. A COPY OF THE E&SC PERMIT, THE COC, AND A HARD COPY OF THE PLAN MUST BE KEPT ON SITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION.
- 27. WHEN THE PROJECT IS COMPLETE, THE PERMITTEE SHALL CONTACT DEMLR TO CLOSE OUT THE E&SC PLAN. AFTER DEMLR INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITTEE SHALL VISIT DEQ.NC.GOV/NCG01 TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (E—NOT). A \$100 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE E—NOT HAS BEEN FILLED OUT.



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

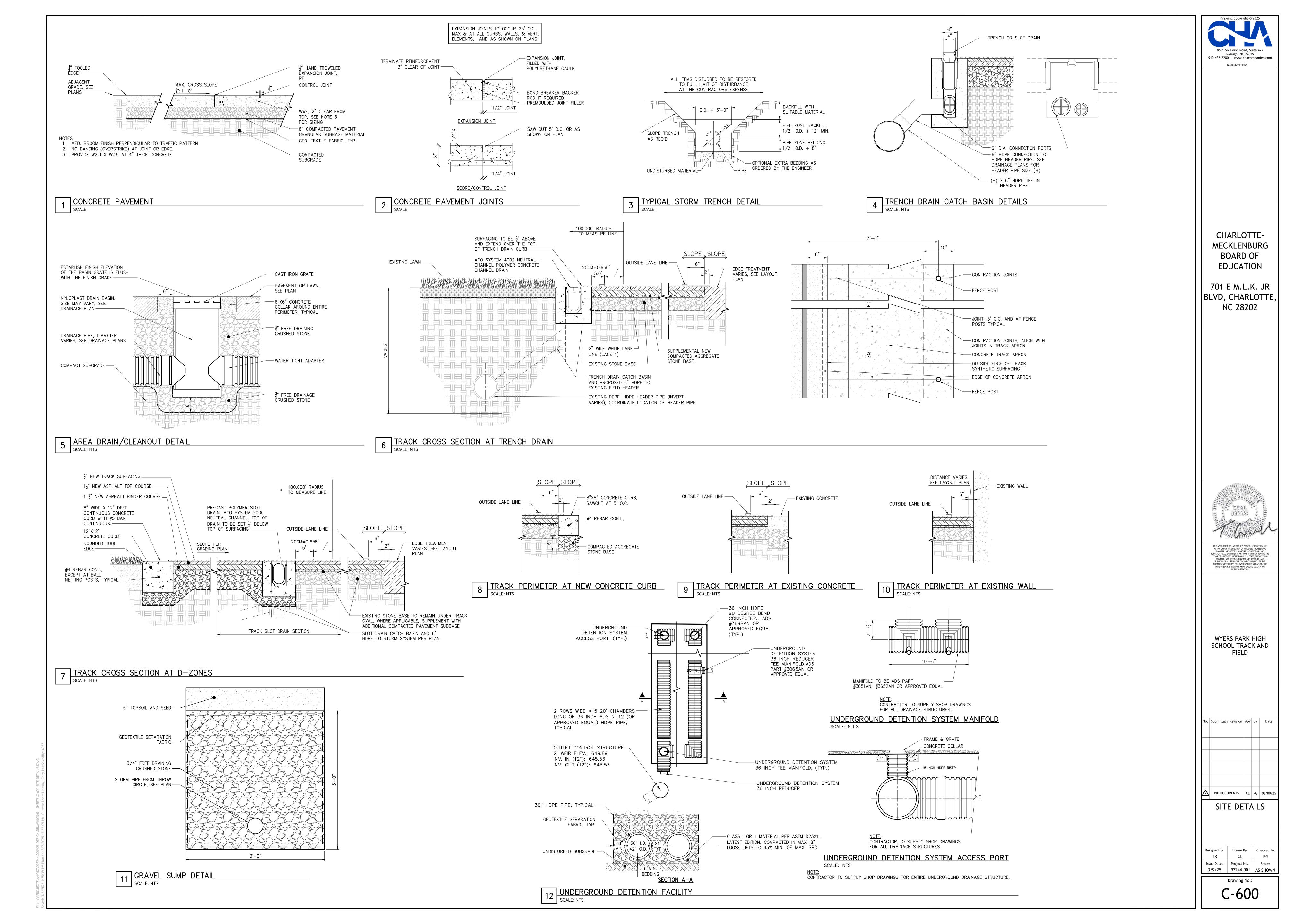
MYERS PARK HIGH SCHOOL TRACK AND FIELD

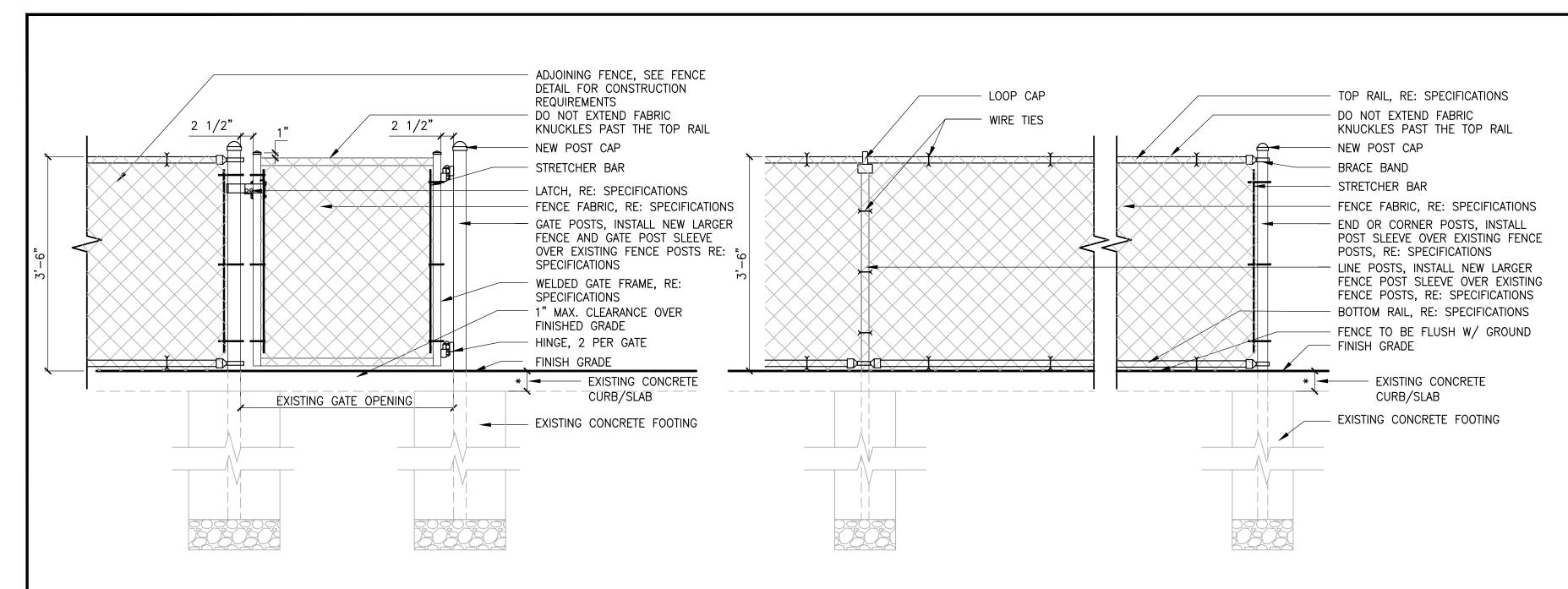
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No. | Submittal / Revision | Apv | By | Date

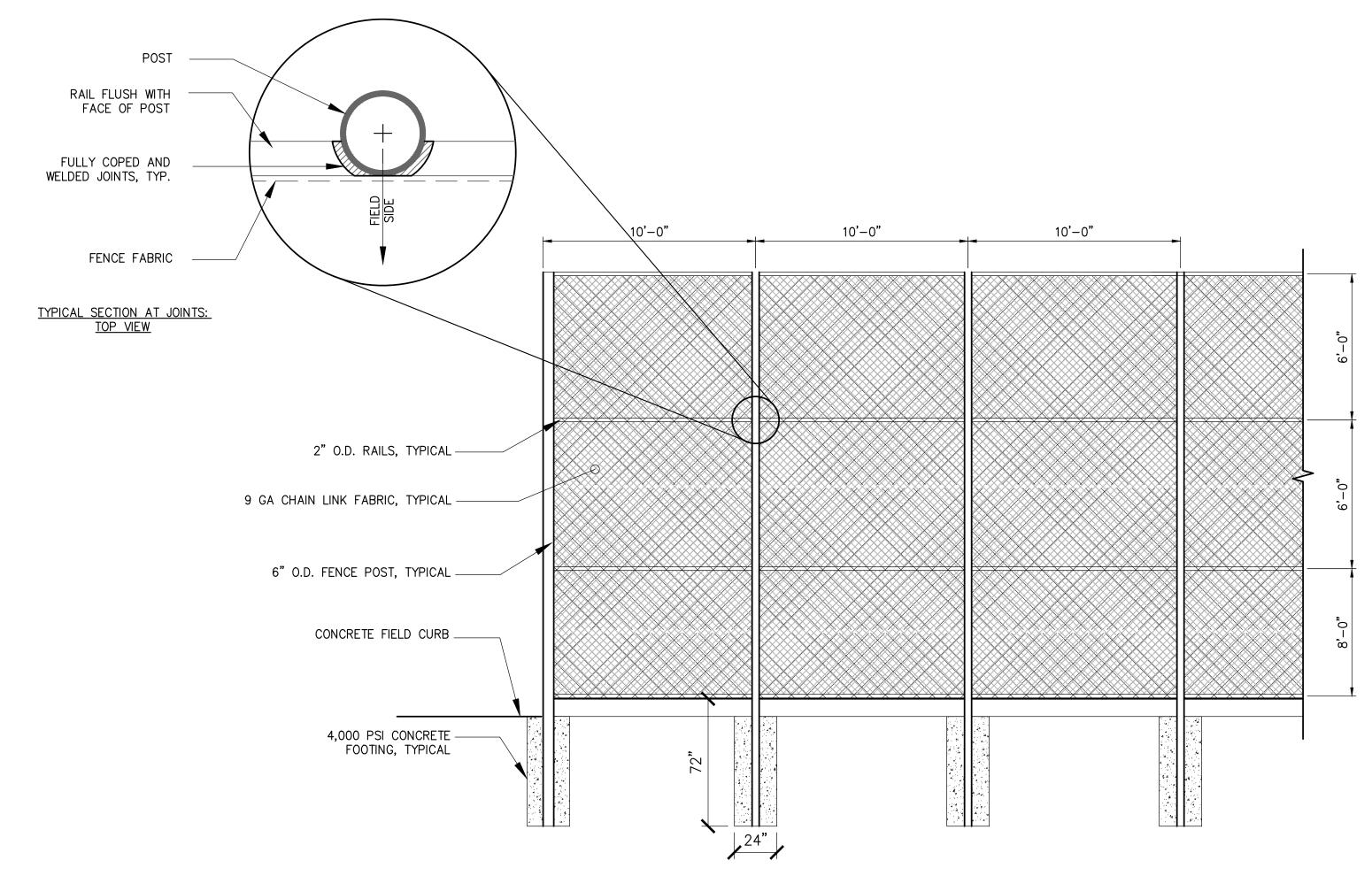
EROSION AND SEDIMENT **CONTROL NOTES**

3/9/25 97244.001 AS SHOWN

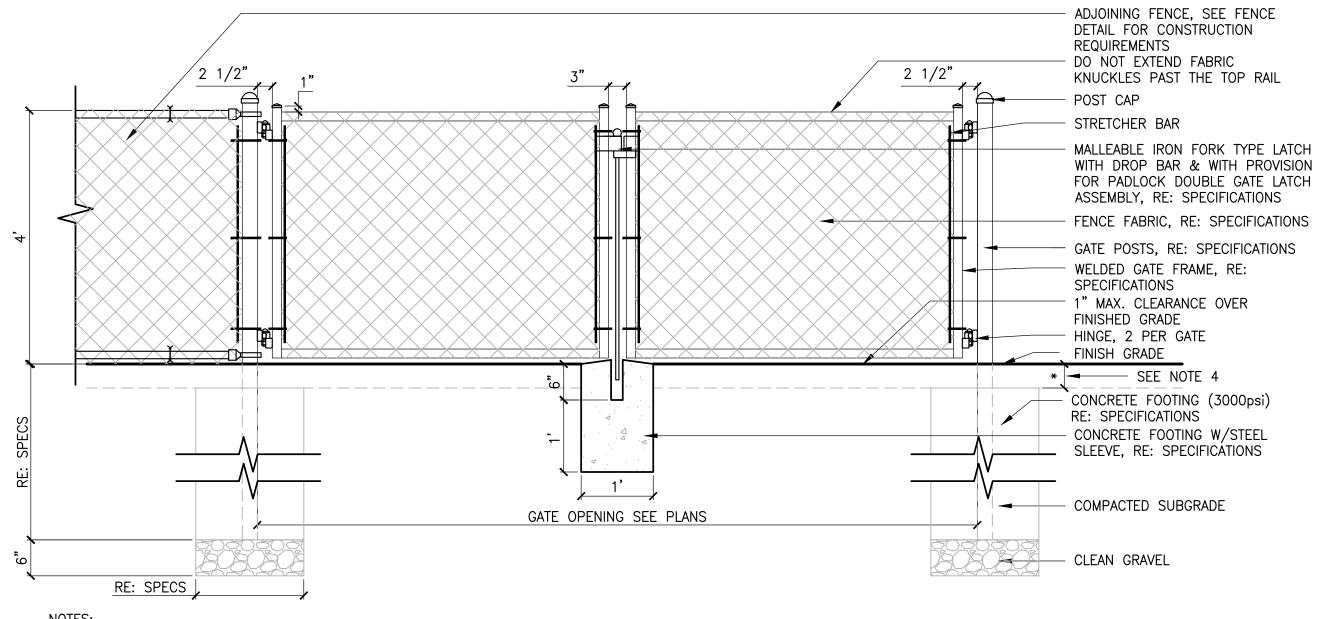




1 36" HIGH CHAIN LINK FENCE AND GATES IN EXISTING CONCRETE CURB/SLAB SCALE: NTS



3 20' HIGH CHAIN LINK FENCE SCALE:



NOTES:

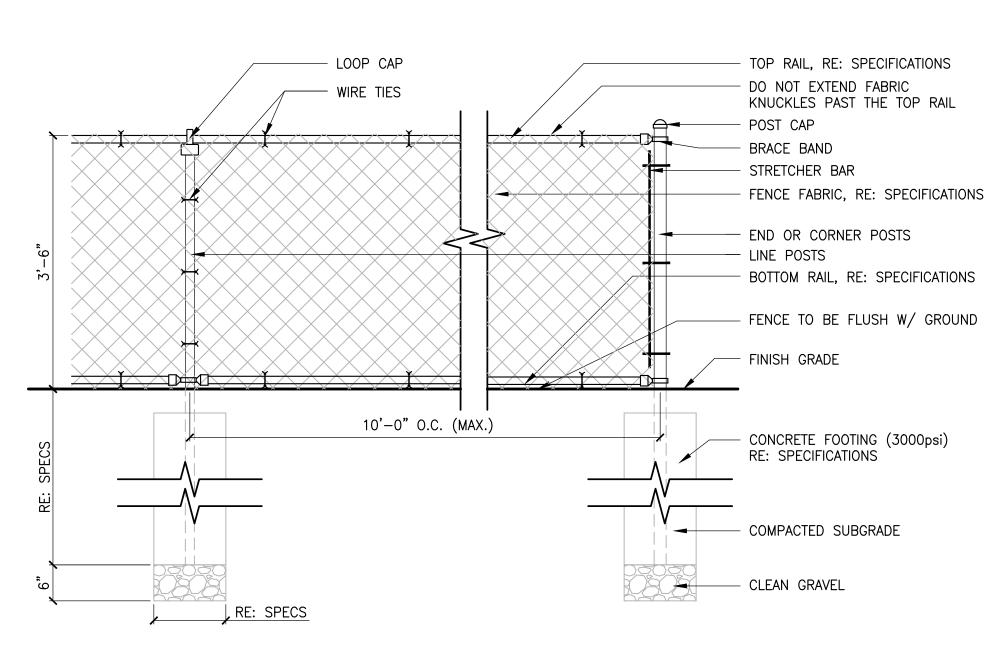
1. SEE SPECIFICATIONS FOR POST AND FENCE FRAME SIZING.

2. ALL POST FOOTINGS SHALL BE PER SPECIFICATIONS.

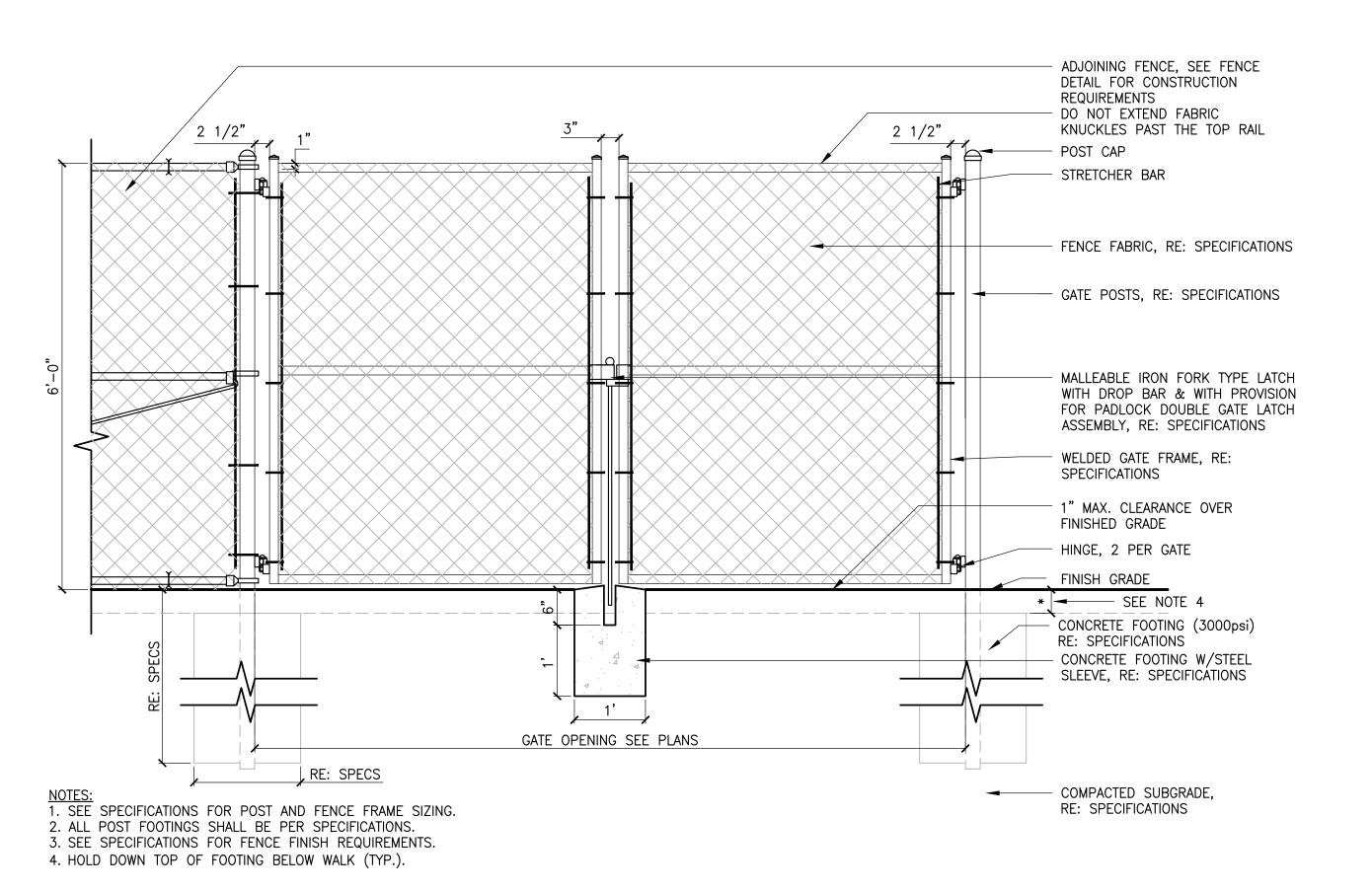
3. SEE SPECIFICATIONS FOR FENCE FINISH REQUIREMENTS.

4. HOLD DOWN TOP OF FOOTING BELOW WALK (TYP.).

5 4' HIGH CHAIN LINK FENCE DOUBLE GATE SCALE: NTS



2 36" HIGH CHAIN LINK FENCE IN LAWN SCALE: NTS

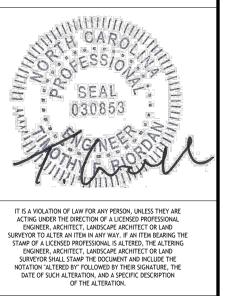


4 6' HIGH CHAIN LINK FENCE GATE
SCALE: NTS



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MYERS PARK HIGH SCHOOL TRACK AND

FIELD

No. Submittal / Revision Apv By Date

SITE DETAILS

BID DOCUMENTS CL PG 03/09/25

Designed By: Drawn By: Checked By:
TR CL PG

Issue Date: Project No.: Scale:
3/9/25 97244.001 AS SHOWN

