FRANCIS BRADLEY MIDDLE SCHOOL - TRACK AND FIELD IMPROVEMENTS

BID DOCUMENTS MARCH, 2025



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RANCIS BRADLEY MIDDLE SCHOOL FRACK AND FIELD

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GENERAL NOTES

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

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 MITHOUT THE EXPRESSED, WRITTEN APPROVAL OF THE DIRECTOR'S REPRESENTATIVE.

OR PERMICED TO AT LEAST AS GOOD. A CONDITION AS RETIRE BEING DISTURBED AS DETERMINED BY THE DIRECTIONS REPRESENTATIVE. ANY DAMAGED THESE, SHUES, MADIO, HEIDES SHALL BE REPLACED AT THE CONTINUOUS EXPENSE.

4. THE CONTINUOUS IS INSTRUCTED TO COOPERATE WITH ANY AND ALL OTHER CONTINUOUS PERFORMANCE ON THIS CONTINUOUS STEELED AND THE STRUCTURE AS THE CONTINUOUS SHALL OTHER CONTINUOUS SHALL OT

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 AUDGED BY THE DISCTOR'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 VERY ALL CONSTITUES IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND MOTIFY THE DIRECTOR'S REPRESENTATIVE OF ANY DISCIPLINATE AND INCLUSE IN HIS WORK THE OFFICE OF ALL EXISTING CONDITIONS ON THE WORK. BE COMMERTED STATE AND INCLUSE IN HIS WORK THE OFFICE OF ALL EXISTING CONDITIONS ON THE WORK.

10. ALL TRENCH EXCLUSION AND ANY REQUIRED SHETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE STATE INDUSTRIAL CODE AND GOMA 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 TANK CAPE TO PREVENT DAMAGE TO DESTING UTILITIES, DAMAGED UTILITIES, DAMAGED UTILITIES SHALL BE IMMEDIATELY REPARRED BY IN CONTRACTOR SHALL TANK CAPE TO PREVENT DAMAGE TO DESTING TRISES THAT ARE TO REMAIN, ANY TREES DAMAGED AS A RESULT OF CONSTRUCTION, ACTIVITY ARE TO BE REPARAGED BY THE CONTRACTOR, IN KIND, AT THEIR DEPARES.

AS A RESULT WORK INVOLVING CONSECTIONS TO EXISTING SYSTEMS SHALL BE COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE. NOTIFY THE DIRECTOR'S REPRESENTATIVE AT LEAST 72 HOURS PROR TO EACH AND EVERY CONNECTION THAT IS MADE.

IS MULE.

15. CONSTRUCTION OF ALL PROPOSED UTILITIES MUST REGIN 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 VERIFED PRIOR TO
THE COMMENDEMENT OF CONSTRUCTION.

THE COMMERCEMENT OF CONTROLLING.

TO, THE PLANS SHOW SUBSURFACE STRUCTURES, ABOVE-PROUND STRUCTURES AND/OR UTILITIES FROM FEED LOCATION AND RECORD MAPPINE, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS ROUGHZED. HE PRINCLURE, THE CONTRINCTOR IS WARRED THAT THE EXACT OR PERM PROMOMENT LOCATION OF SUCH PRILINGS, SUBSPRINCE STRUCTURES AND/OR UTILITIES THE AREAS MAY BE OFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BET THER RESPONSIBILITY TO PROCEDS WHY ROTH GREAT CAME IN EXCENTING THE SHOWN OF THE SHOWN O

GENERAL SITE REMOVAL NOTES

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

2. THE CONTRACTOR SHALL EXERCISE CARE DURING RELOVAL OPERATIONS, ANY ITEMS RIDICATED. TO REMAIN THAT ARE DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPAIRED OR REPLACED IN KIND, BY THE CONTRACTOR, AT NO COST TO THE OWNER.
A MALL TOPSOLL TO REMAIN ON STEL UNLESS OTHERWISE NOTED OR AS NECESSARY PER GRADING REQUIREMENTS.

GENERAL SITE LAYOUT NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVINDING ALL CONSTRUCTION LAYOUT. THE CONTRACTOR SHALL MAKE THES TO ALL UTLITY CONSECTIONS AND PROVING AS-BULL FLANS FOR ALL UTLITS SHAMED THE TO ALL UTLITS SHAMED THE TO THE CONTRACTOR SHALL MAKE THE TO ALL UTLITS SHAMED THE TO THE CONTRACTOR SHALL PROVIDE AND CONTRACTORS OR ADDITIONS TO THE SATISFACTION OF THE DIRECTOR'S REPRESENTANCE. THE CONTRACTOR SHALL PROVIDE AND THE CONTRAC

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 STAME CUT ALL GRACES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY THE DIRECTORY REPRESENTATION. SHALL BY INSTRUCT OF ANY INSCREPANCES. THE DIRECTORY REPRESENTATIONS SHALL BE RESPONSED FOR CHEMICAL OF THE MAINTENANCE OF SUFFACE DRAINING DURING THE CONTRACTOR SHALL BE RESPONSED. FOR CHEMICAL SHALL BRAINING SH

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.

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

3. TEMPORARY SED SHALL BE A COMMERCALLY AVAILABLE MITTURE OF PERDMAN, INFO MOU UNITY ORDER FESCHE.
PERCENTIAGE OF PERSMAN, INFO SHALL NOT EXCELED OF A PRICATION AT SHALL BE 2.2 BE PER 1,000 ST.

4. SEEDED AREAS SHALL BE FALLY COVERED WITH A LEAN STRAW OF MULCH MATCHALL P GROEDED BY THE DIRECTOR'S
PERCENSIATION, A BEDICENDAME INTIME SHALL BE MOISHED ONE SEEDED AREAS WHICH DEMONSTRATE "FALLIS" OF

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 LINEL NEW SEEDING HAS SUFFICIENTLY GROWN TO STABLUZE COMPLETED EXTRA WORK.
7. MAINTDIANCE PROGRAM: ALL ERGORN CONTROL MESSARES ARE TO SEE INSPECTED DAILY FOR PROPER FUNCTIONAL STATES.
SHALL BE REMOVED WITHOUT APPROVAL OF THE DESCRIPTS REPRESENTATIVE.

B. CONTRACTOR TO FOLION EROSION CONTROL PROCEDURES DURING CONSTRUCTION AS OUTLINED IN THE SPECIFIC GUIDELINES FOR HERM PROCESS AND SEMINAT CONTROL. S. STORM HER PROTECTION RAWRESS SHALL BE PLACED AROUND EACH CATCH BASIN OR DRY WELL GRATE TO PREVIOT

SILTATION.

10. MAREDIATLY UPON COMPLETION OF GRADING, INSTALLATION OF DID SECTIONS, SILT DIKES, SEDIMINIT BARRIERS SHALL BE
INSTALLED AS DETAILED, CONTRACTOR SHALL PERFORM INSTALLATION IN ANY AREA COMPLETION PROPERTY.

11. COMPLETION WITHIN BRAJANCE 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

 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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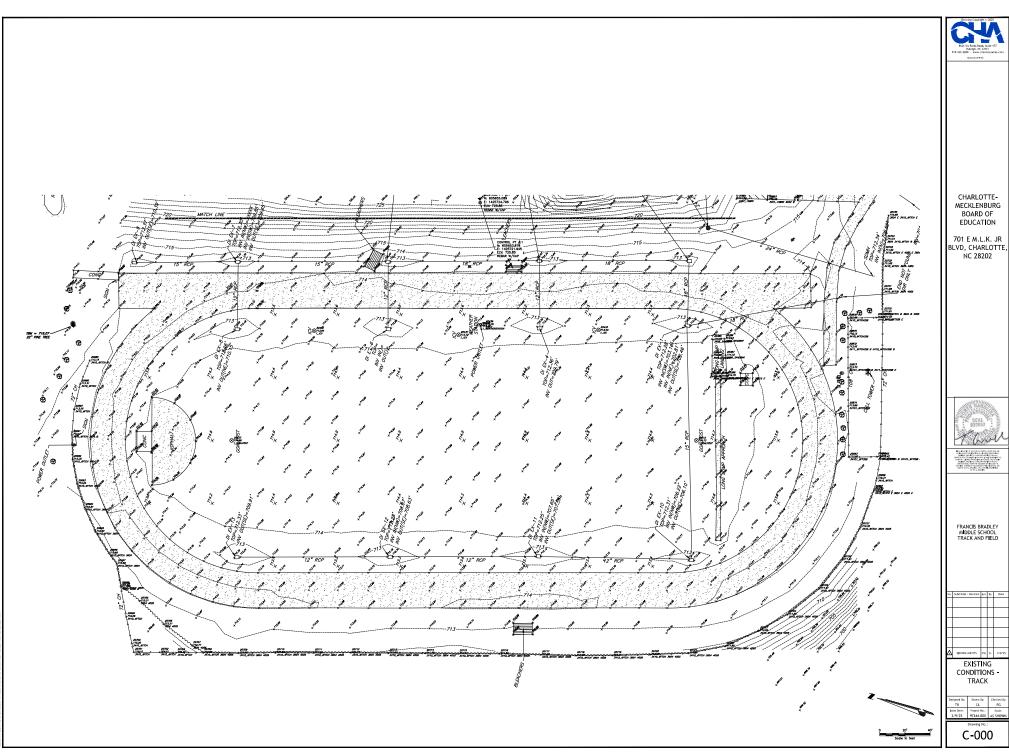
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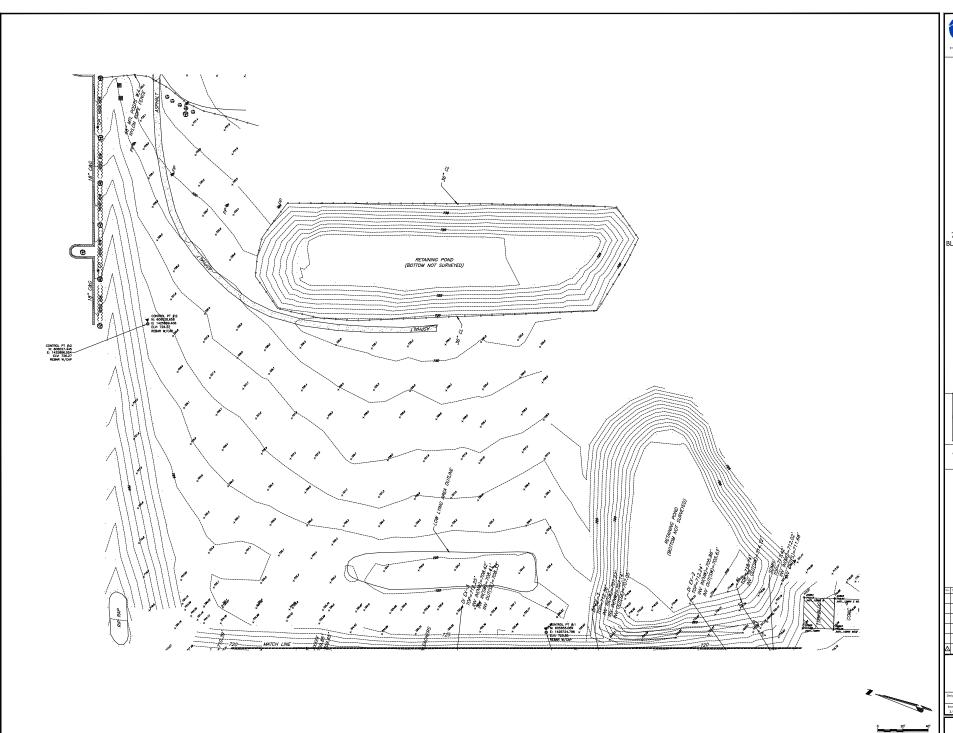
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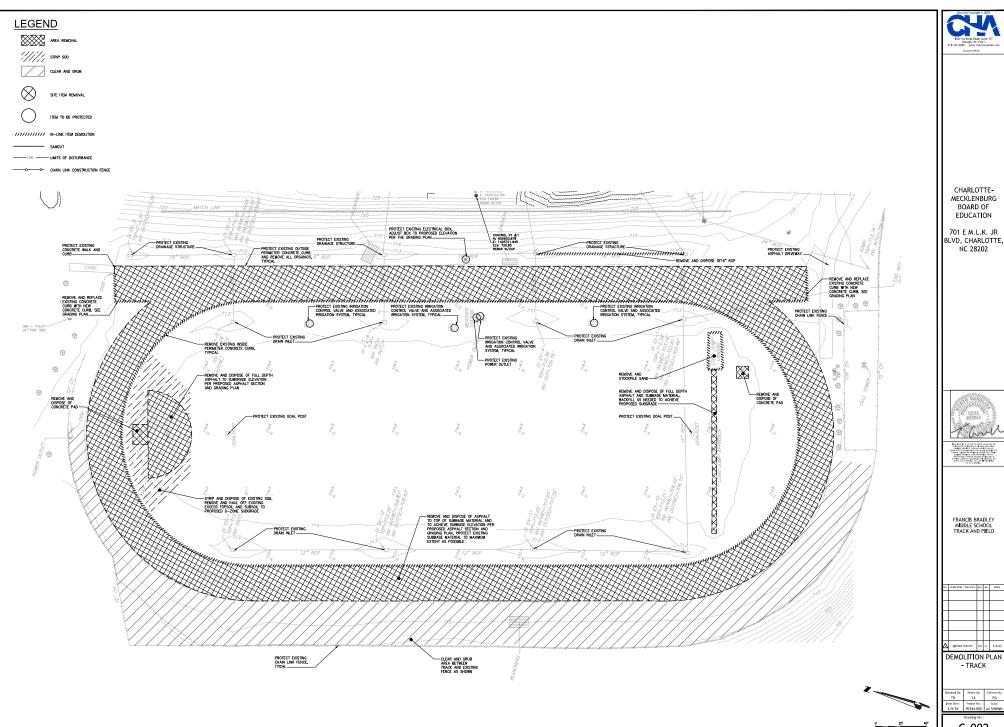
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FRANCIS BRADLEY MIDDLE SCHOOL TRACK AND FIELD



EXISTING CONDITIONS -THROWS

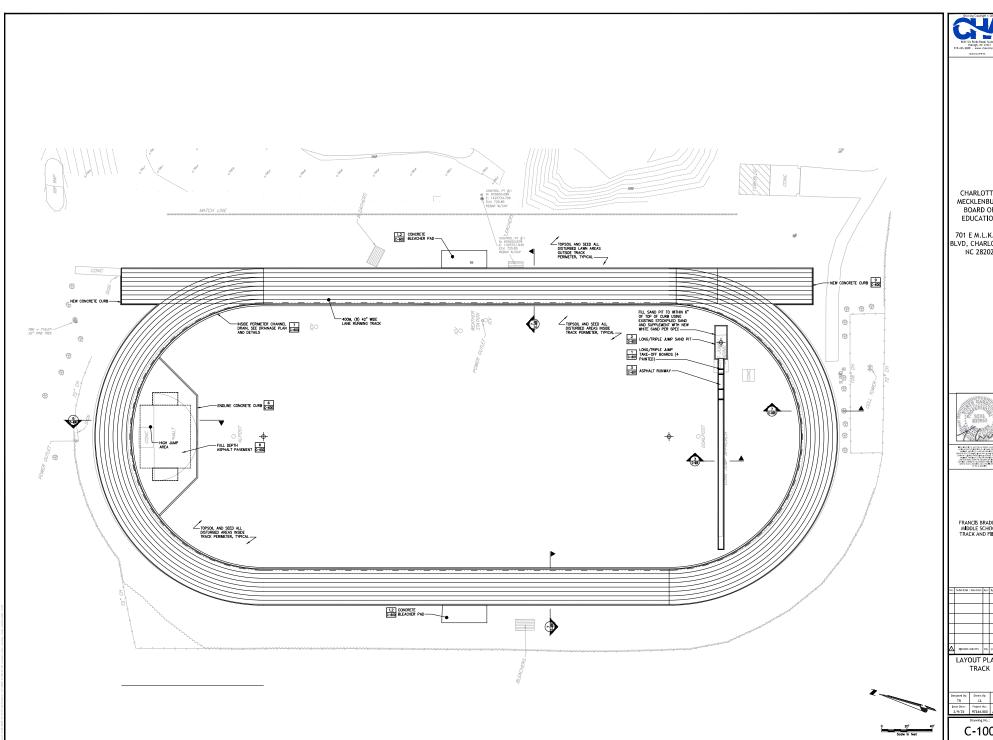




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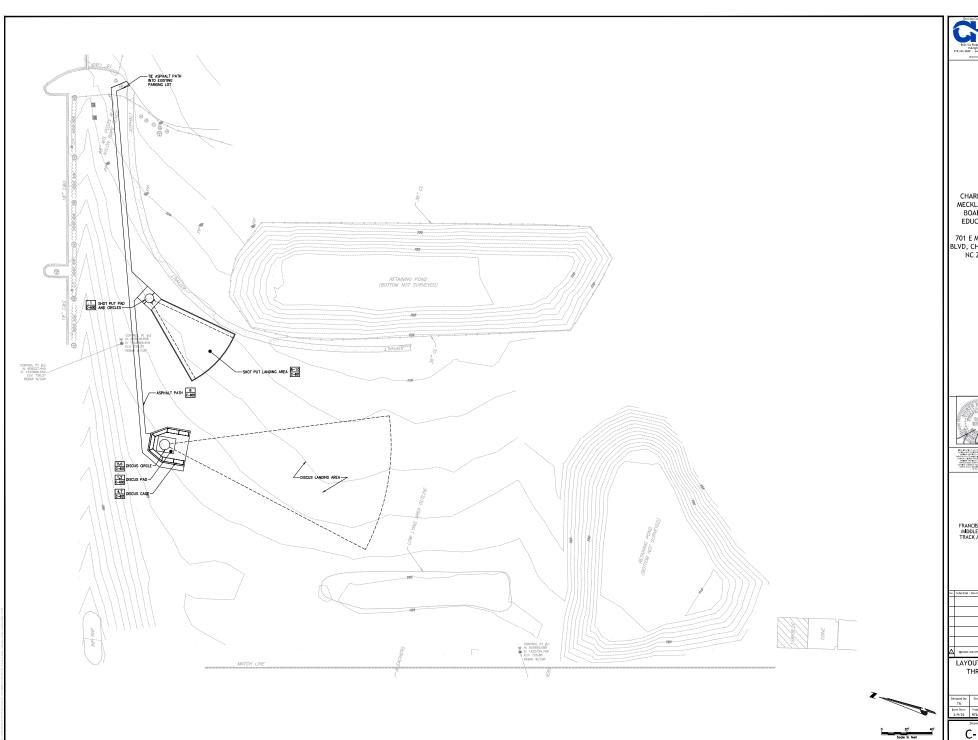


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FRANCIS BRADLEY MIDDLE SCHOOL TRACK AND FIELD

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LAYOUT PLAN -				





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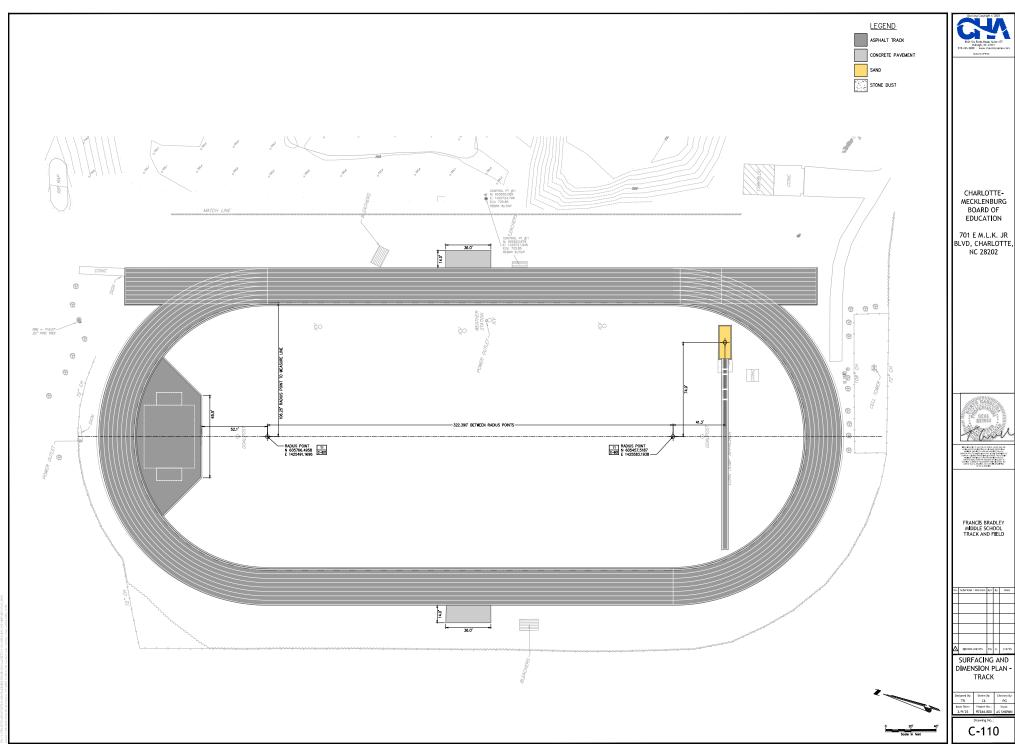


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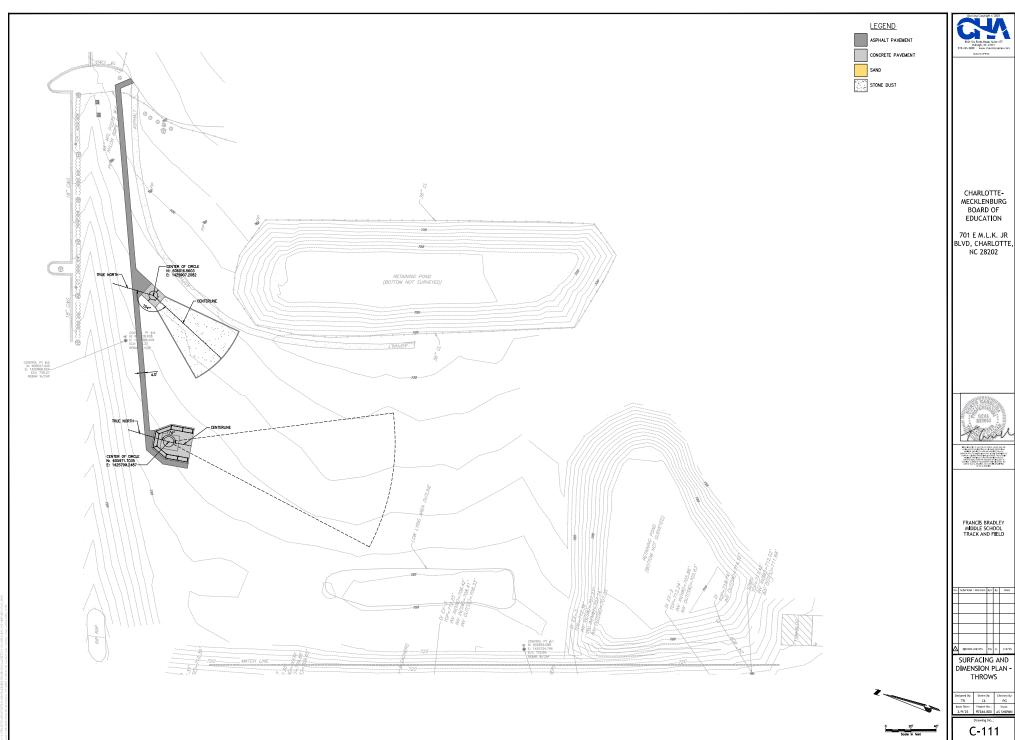


LAYOUT PLAN -THROWS

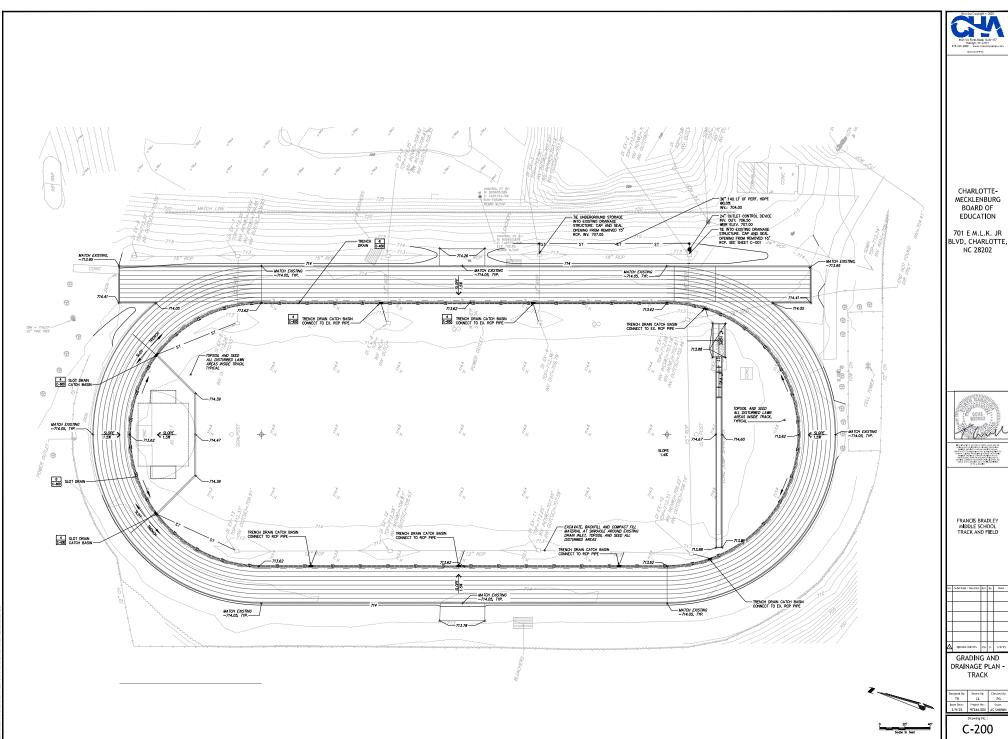
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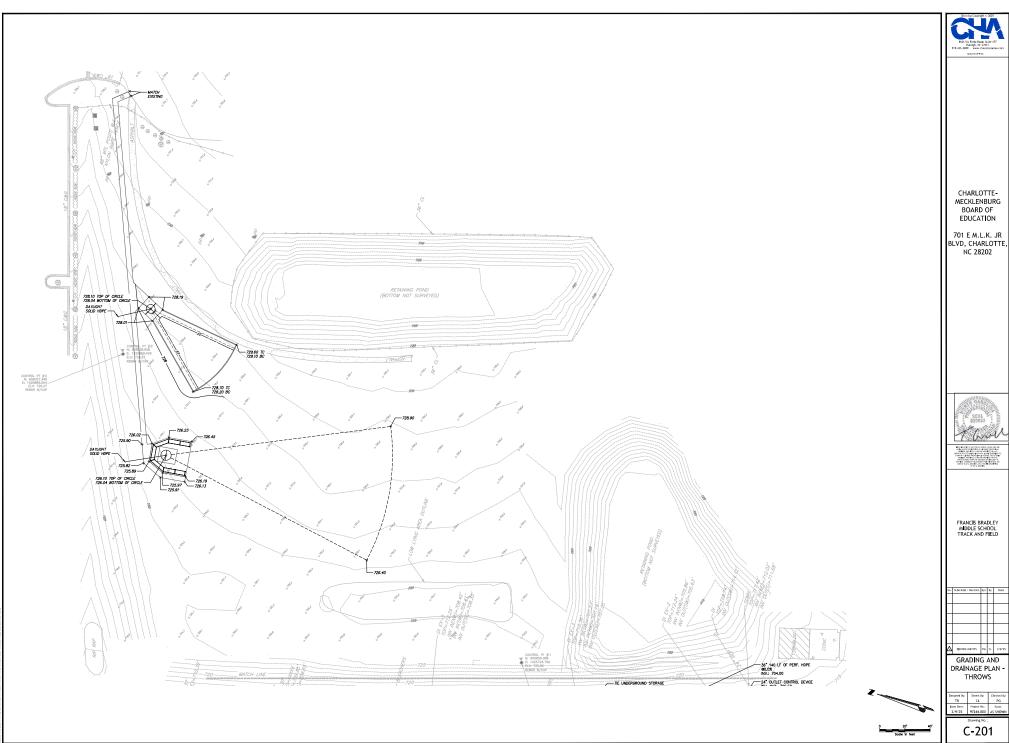




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GRADING AND DRAINAGE PLAN -TRACK

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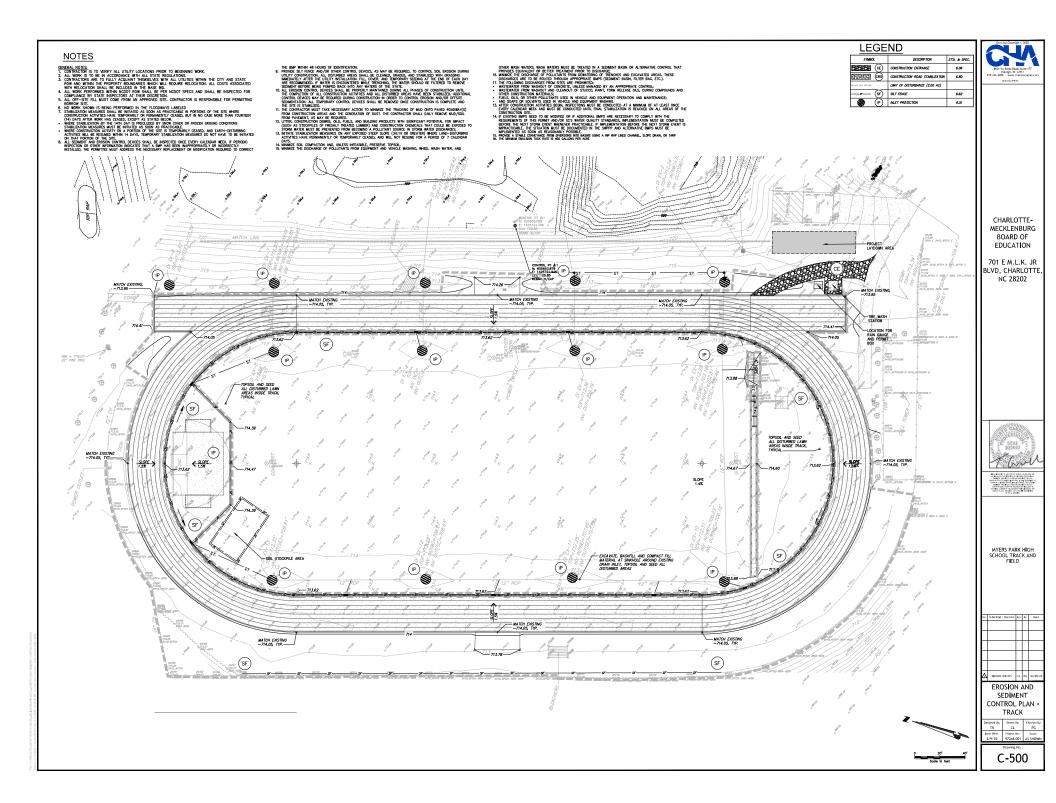






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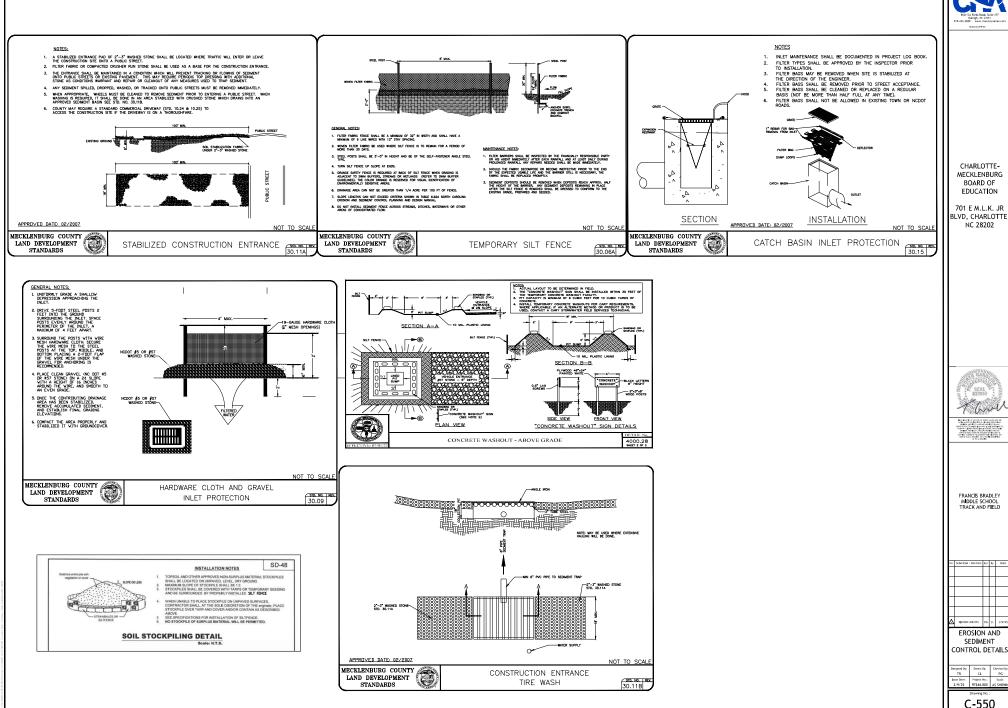
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EROSION AND SEDIMENT CONTROL PLAN -THROWS

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THE NCSOI CONSTRUCTION GENERAL PERMIT mplementing the details and specifications or this plan sheet will result in the constructi citivity being-considered compilant with the Ground Stabilization and Materials Handling sections of the NCSOI Construction General Permit (Sections 1 and 5, respectively). The permittee shall comply with the Erosion and Sndiment Controlpian approved by the

Required Ground Stabilization Timeframes					
Site Area Cescription		Stabilize within this miny calendar days after ceasing laid disturbance	Timeframe variations		
(a)	Perimeter dikes, swales, ditches, and perimeter slopes	7	None		
(b)	High Quality Water (HQW) lones	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 &1 to 4:1	14	-7 days for slepes 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 wth slopes flatter tian 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		

Note: After the permanent cesation of construction activities, any areas with temporar ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calerder days after the last land disturbing participable but in no case longer than 90 calerder days after the last land disturbing because the properties of the propertie

GROUND STABILIZATION SPECIFICATION
Stabilize the ground sufficienty so that rain will not dislodge the soil. Use one of the

- Certifiques in little table below

 **Temporary plass seed owner-fell histories

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 **Imporary pass seed owner-fell histories

 **Other modules and studies

 **Imporary pass seed owner-fell histories

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 Uniform and evenly distributed ground cover
 sufficient to restrain erosion

 Structural methods such as concrete, asphalt or
 retaining walls

 Boiled erosion control products with
- POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

 1. Select focculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.

 2. Apply focculants at or referre the inlets to Erosion and Sediment Contro Mea
- report succusions at or seriore the inlets to Erosion and Sediment Contro Measure Apply focusions at theconcentrations specified in the KDWR List of Approved PAMS/flocculonts and in accordance with the manufacturer's instructions. Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store floculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

- EQUIPMENT AND VEHICLE MAINTENANCE

 1 Maintain vehicles and equipment to prevent discharge of fluids.
- Maintain vehicles and equipment to prevent discharge of fluids.

 Provide drip pans under any stored equipment.

 Identify leaks and repair as soon as feasible, or remove leaking equipment from the
- project.
 Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipmentfrom service until the proble has been corrected.

 Refore used fuels lubitrants contants by travelling fluids and other particular accounts. Bring used fuels, lubricants, coolants, hydraulic fluidsand other petroleum products to a recycling or disposal center that sandles these materials.

LITTER, BUILDING MATERIAL AND LAND CLIARING WASTE

- The MULTIME MATERIA AND LOAD CLARGING WAST!

 Where have or have meet. Place literated risk or in agree calculators to relative some control and to relative the control and to receive the control and control and
- containers overflow.

 8. Dispose waste off-site at an approveddisposal facility.

 9. On business days, clean up and dispose of waste in deignated waste containers.

- PAINT AND OTHER LIQUID WASTE Locate paint washouts at least 50 feer away from storm drain inlets and surface waters unless no other alternatives ae reasonably available. Contain liquid waster in a controlled ir ea. Contain inquid waster in a controlled ir ea. Contain must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solveits, detergents and other liquid wastes from construction sites. PORTABLE TOILETS
- NAMES UNITED

 Instal portable tollets on level ground, at least 50 feetaway from storm drains, stream or wetlands unless there is no alternative reaconably available. If 50 foot office is not stainable, provider rescion of portablection behind sit feeto or place. Provide staking or anthoring of portable tollets duringperiods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material.

 Utilize a licensed sanizary waste hauler to remove leaking portable toilets and replace with properly operating unit.

- EARTHEN STOCKPILE MANAGEMENT.

 1. Show stockpile locations on plans. Lcate earther-miterial stockpile areas at least 50 feet away from starm drain infext, sediment basin, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- avansors.

 Protect stockpile with silt fence instaled along toe of lope with a minimum offset of five feet from the toe of stockpile.
- five bet from the tot of stockpile. Provide stable stock access point when feasible. Stabilize stockpile within the timefranes provided on this sheet and ir 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.





- CRETE WASHOUTS

 Do not discharge concrete or cement slurry from the site.

 Dispose of, or necycle settled, hardened concrete residue in accordance with local and state solid water englations and an approved facility.

 Manage washout from mortar misers in accordance with the above Item and in addition place the miser and associated materials on impervious farrier and within for perimeter sit fence.
- ice parimeters sife fence.

 Install temporary-concrete weahouts per local requirements, where applicable. If are alternate method or product is to be used, contact your approval surfority for the product of the control of the product of the death on one of the two types of temporary concrete weakouts provided on this death, on one of the two types of temporary concrete weakouts for provided on this death.

 Do not use concrete weakouts for dewatering or storing defective curb or sidewall scallours. Stormers accumulated within the walnout may not be pumped into or the pumped int

- 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
- seproving surborys. Install at least on seign directing concrete trucks to the washout within the project limits. Post suggest on the washout seed to adently falls about 100 miles. The strain of the seed of

HERBICIDES, PESTICIDES AND RODENTICIDES

- ides and rodenticides in accordance with label
- Sore herbicides, pesticides and rodenticides in their original containers with the label, which lists cirections for use, ingredients and first aid steps in case of
- accidental potooning.

 Do not store beholdes, 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.

 Do not stockpile these materials onsite.



NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

PART II NING AND REPORTING SELF-INSPECTION, RECORD

SECTION A: SEIF-INSPECTION
Self-inspection: are required during no below. When adverse weatheror site perox. When alverse weather or lite conditions would cause the safety of the inspection personnel to bit in jopanty, thi inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a sorm event of equal to or greater than 1.1 inch occurs ousside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed safe be noted in the intensivon Shorovic.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Delly	Daily relatifial amounts. If no daily rais pauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, necessite the cumulative and in wassurement for froze us attended days (and this will determine if a site inspection in neededs). Days on which no rainfall occurred shall be recorded as "zero." The premises may use another rain-monitoring desict agreemed by the Driviston.
(2) EBSC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch is 24 hours	I destification of the measures inspected, Dobe and time of the inspection, Rame of the person performing the inspection, Indication of whether the measures were operating property, Description of maintenance needs for the measure, Description, widence, and date of corrective actions takes.
(3) Stormwater discharge outfalls (SDCs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch is 24 hours	Identification of the discharge outlalls inspected, Davie and time of the inspection, Name of the person performing the inspection, Evidence of indicates of stremwater pollution such asoil shoon, floating or suspended solice or discocleration, Indication of visu
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch is 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to dean up or stabilite the sediment that has left the site limits, 2. Description, reddene, 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 calender days and within 24 hours of a rain event ≥ 1.0 inch is 24 hours	If the stream or wetterf has increased visible sedimentation or a stream has visible increased untidity from the construction activity, then a second of the following shall be made: 5. Description, visione and state of corrective actions taken, and 5. Rescords of the required reports to the appropriate bision Resistant Office or Part III. Section C. Intern D(Set of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of proving destablished polynomes (ASC measures, Casting and guidant, Institution of inform draining and guidant, Institution of inform draining facilities, completion of all land-disturbing activity, controlled or endeathers, permanent, ground cown). 2. Documentation that the requires/ground stabilization. 2. Documentation that the requires/ground stabilization of the province of

PART III PING ANDREPORTING SELF-INSPECTION, RECO

SECTION B: RECORDEEPING

1. EBSC Plan Documentation

The approved ESSC plan has well as any approved deviation shall be kept on the site. The approved ESSC plan must be kept up-to-data throughout the coverage under the practice plan the ESSC plan and be kept on site and available for The following them pertaining to the ESSC plan and be kepton site and available for

Item to Document	Documentation Requirements		
(a) Each E&SC measure has been installed and does not significantly devise from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Intial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.		
(b) A phase of grading has been completed.	Intial and date a copy of the approved E&SC plan or complete, dite and sign an inspection report to indicate completion of the construction phase.		
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Intial and date a copy of the approved E&SC plan or complete, dite and sign an inspection report to indicate compliance with approved ground cover specifications.		
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Cimplete, date and sign an inspection report.		
(e) Corrective actions have been taken to E&SC measures.	Intial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrections action.		

- 2. Additional Documentation to be Kept on Site. In addition to the E&SC plan socuments about, the following terms shall be kept on the site and available for inspectors at all times during normal bulness 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 nonths. The permittee shall record the required observations on the nespection Recod Form provided by the Division or a similar inspection from thatinculused althe nequired elements. Use of electrorically-available secords in lieu or the required paser copies will be allowed if shown to provide equal sicess and utility as the hard-copy records.

ion to be Retained for Three Years I to complete the e-NOI and all inspection records shall be n All data used to complete the e-NOI and all inspection records shall be maintained for a period 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 basin and traps that eceive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when thee devices need to be drawn dow 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 rae (for example, times with extended cold weaths Non-surface withdraws from addiment points shall be allowed only when all off the following criter in laws between:

- (a) The E&St plan authority has been provided with documentation of the non-surface withfrawal and the specific time periods or conditions in which it will scur. The non-surface withdrawal stall not commence unotified e&St plan authority has approved these items, and the commence of the surface with provided in the surface of the surface with provided in the surface provided in the surface with provided in the surface provided in the discharge points of all deverting in greatment devices question of surface provided in the discharge points of all deverting in greatment devices described in the surface provided in the discharge points of all deverting the surface provided in the surface provided in the discharge points of all deverting the surface provided in the discharge points of all deverting the surface provided in the surface prov

PART III SELF-INSPECTION, RECORDICEP ING AND REPORTING

SECTION C: REPORTING 1. Occurrences that Must

Permittees shall report the following occurrences:
(a) Visible sediment deposition in a stream or wetland.

- They are 25 gallons or more,
- . They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- . They are within 100 feet of surface waters (regardless of volume).
- Releases of hazardous substances in excess of reportable quantities under Section 3L1 of the Clean Water Act (Ref. 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCIA (Ref. 40 CFR 302.4) or G.S. 143-215.85.
- (d) Anticipated bypasses and unanticipated bypasses.
- (e) Noncompliance with the conditions of this permit that may endanger health or the environment.

. Reporting Timeframes and Other Requirements

Reporting Timeframes and Other requirements
After apermittee becomes waver 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 orman business hours may also be
reported to the Department's Environmental Emergency Center personnel at (800)

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements			
(a) Visible sediment deposition in a stream or wetland	 Within 24 hours, in oral or electronic notification. Within 2 realimentary, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Sequence of the requirement for a written report on a visit of the contains the report of the contains the report of the repor			
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	 Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spil or release. 			
(c) Anticipated bypasses [40 CFR 122.41(n)(3)]	 A report at least tin days before the date of the byposs, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass. 			
(d) Unarticipated bypasse: [40 CFR 122.41(n)(3)]	Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.			
(e) Noncompliance with the conditions of this permit that may endanger health or the environment[40 CFR 12241[0][7]]	 Within 24 hours, in roal or electronic notification. Within 2 collectrodiction, a major that contains a description of the noncompliance, and this causes; the period of noncompliance in collecting exact dates and triens, and fith noncompliance has not been corrected, the articipated time noncompliance in expected to see concerning the noncompliance in expected for several recommendations of the articipated time noncompliance in expected for several recommendation of the noncompliance, (80 CFR 221-24109). Dakioto staff many waive the requirement for a written report on a case-by-one base. 			



NPDES CONSTRUCTION GENERAL PERMIT - NCG 010000

ENTIRE PERMIT CAN BE FOUND AT:

https://files.rc.gov/ncdeqEnergy%20Mineral%20and%20Land%20Resources/Stormwater/NCG010000_Final_Permit_2I19_04_01.pdf

E&SC PERMANENT SEEDING SCHEDULE

	MOUNTAINS		
SEEDING DATES	SPECIES	RATE (blacre)	
AUG 15 - MAY 1	TALL FESCUE	100	
AUG. 15 - MAY 1	"RYE GRAIN	40	
SEPT.1 - JUNE 1	"RYE GRAIN 55		
JUNE 2 - AUG. 14	""GERMAN MILIET	10	
JUNE 2 - AUG. 14 *SUPPLEMENT WITH IRRIGATION			
	PIEDMONT		
SEEDING DATES	SPECIES	RATE (blacre)	
SEPT 1 - MAY 1	TALL FESCUE	100	
SEPT 1 - MAY 1	"RYE GRAIN	55	
APRIL 15 - JUNE 30	""GERMAN MILIET	35	
JULY 1-AUG 20	***GERMAN MILIET	10	
JULY 1 - AUG. 30	*SUPPLEMENT WITH IRRIGATION		
'	COASTAL PLAIN		
SEEDING DATES	SPECIES RATE (Ib/acr		
SEPT 30 - APRIL 1	TALL FESCUE	100	
SEPT. 30 - APKIL 1	"RYE GRAIN	65	
APRIL 15 - JUNE 30	***GERMAN MILIET	35	
	""GERMAN MILIET	10	
JULY 1 - SEPT. 29	*SUPPLEMENT WITH IRRIGATION		
"RESEED WITH NO	NURSE CROPS WITHIN ACCEP	TABLE DATES	
"MAY BE SUB	STITUTED WITH WHEATAT 30 L	BSIACRE	
""MAY BE SUBSTITU	TEC WITH BROWNTOP MILLET A	AT 10 LBS/ACRE	

COMPLETE SEEDING EARLIER IN THE FILL, AND START LATER IN THE SPRING ON NORTH AID EAST FACING ILOPES

SOLAMENDMENTS
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS OR APPLY 40/0 LB/ACRE GROUND AGRICULTURAL LIMESTONE
AND 10/0 LB/ACRE 5-0-10 FERTILIZER.

MULCH
APPLY 400-5000 LBUCRE GRAIN STRW OR EQUIVALENT COVER OF MOTHER SUITABLEMULCHING MATERIAL. ANCHOR
STRW BY TACKING WITH ASPHALT, NETTING, OR ROVING. NETTING IS THE PREPERRED INCHORING METIOD ON STEEP
SLOFES.

SOL PREPARATION:
SOLTEST SOIL TESTING WILL DETERANE WHETHER THE SOIL PH AND NUTRIENT (PHOSPHORUS, POTASIUM, CALCIUM
AND MAGNESUM, LÉXELS ARE IN A RANGE THAT FAVOR TURFGRASS GROWTH. THE SOIL TEST REPORT MILL INDICATE
NEESED AMOUNTS OF FERTILIZER ANDOR LIME.

CLEAN AND ROUGH GRADE: REMOVE ALL DEBRIS FROM THE LOCATION TO BE PLANTED. THIS INCLUDES RCDKS, BOTTLES, LARGE ROOTS AND CLD TREE TRUMKS IF EXTENSIVE GRADING IS NEEDED, REMOVE THE "OPSOIL AND STOCKPILE IT FOR REPLACEMENT AFTER THE ROUGH ENDERGIS ESTINGUISED.

THE SUBSURFACE MAY BECOME COMPACTED DURING ROUGH GRADING, ESPECIALLY IF THE GROUND IS WET. THIS COMPACTED LAYER MUST BE BROKEF UP. A SPRING-DOTH HARROW MORKS WELL ONLIGHTLY COMPACTED SOILS, A SMALL ROTHLIER MAY BE REDED FOR MORE HEAVIT COMPACTED SITES.

DEP TILLAGE ROTOTILLING LOOSEIS COMPACTED SOL AND IMPROVES THE SPEED AND DEPTH OF ROOTING, A TRACTORADIANTED OR SELF-ROPELED TILLER WILL ADEQUATELY TIL THE SOL. THE CARE NOT TOGESTROY THE SENTING TRESS IN THE LAWN CUTTHES TOWN TREE ROOTS OWNERS OLD TILLAGE OR SPEECEY DAMAGE OR RILL A TREE. TREES CAM ALSO BE SUFFOATED BY DEEPY COVERING THE ROOTS WITH SOIL IF ADDITIONAL SOIL IS NECESSARY AT A TREE DAME, CONSTRUCT A THREE WILL!

REPLACE THE TOPSOL: ONCE THE SUBSURFACE IS ESTABLISHED, RETURN THE TOPSOLLAND SPREAD UNFORMLY OVER THE ENTIRE AREA, ALLOW FOR AT LEAST 6 TO 8 MOHES OF DEPTH AFTER THE SOL, HASSETTLED. THIS LEANS FLICKING AGOLT 8 TO 10 INCHES OF TOPSOLL WER THE SUBSURFACE. IMPROVE THE SOIL BY JODING ORGANIC MATTER. THIS IMPROVES WATER RETENTION IN SAMD SOLUS AND DEPUMGE IN CLAY SOILS AND REDUCES FERTILLES ILGORING.

E&SC TEMPORARY SEEDING SCHEDULE

MO	UNTAINS		
SEEDING DATES	SPECIES	RATE (blacre	
ABOYE 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	
PIE	DVONT		
SEEDING DATES	SPECIES	RATE (blacre)	
JAN. 1 - MAY I	RYE (GRAIN	120	
MAY 1 - AUG. 15	GERMAN MILLET	40	
AUG. 15 - DEC. 20	RYE (GRAIN	120	
COAS	TAL PLAIN		
SEEDING DATES	SPECIES	RATE (blacre)	
DEC. 1 - APRIL 15	RYE (GRAIN	120	
APRIL 15 - AUG. 15	GERMAN MILLET	40	
AUG. 15 - DEC.30	RYE (GRAIN	t20	

SOIL AMPROMENTS
FOLLOW RECOMMENDATIONS OF SOIL TEST OR APPLY AT A RATE OF 2 TONS OF LIME
PER ACRE IN SMOY SOILS WITH 3 TONS OF LIME PER ACRE IN CLAY SOILS GROUND
AGRICULTURAL LIVESTONE AND TSOILBIAGRE 10-10-10 FERTILIZER. INCREASE
FERTILIZER ART TO 1000 IBARGE IN THE FAIL.

MAINTENANCE
REFERRIZE F GROWTH IN NOT FULLY ADECUATE. RESEED, FERFILIZER, AND
MULCH MMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE. TOTDRESS WITH
50 LBAINGE OF NITROGEN IN MARCH. FIT IS RECESSIVEY TO EXTEND TEMPORARY
COVER EYOUND JUNE 15, OVERSEED WITH 50 LBAINGER KOREAN LESPELEZA IN

LATE FEBRUARY OR EARLY MARCH.

SOIL PREPARATION: SOIL TEST SOIL TESTING WILL DETERMINE WHETHER THE SOIL PH AND NUTRIENT (PHOSPIGNIS), POTASSIUM, CALCIUM AND MAGNESIUM, LEVELS ARE IN A RANGE THAT YOUR TURFERIES GROWTH. THE SOIL TEST REPORT WILL INDICATE NEEDEDAMOUNTS OF FETTILIZER ANDOR LIME.

CLEAN AND ROUGH GRADE: REMOVE ALL DEBRIS FROM THE LOCATION TO BE PLANTED. THIS NICLUDES ROCKS, BOTTLES LARGE RODTS AND OLD TREE TRUNKS, IF EXTEISIVE GRADING IS NEEDED, RBMOVE THE TOPPOIL AND STOCKPILE IT FOR REPLACEMENT AFTER THE ROUGH GRADE IS ESTABLISHED.

THE SIBSURFACE MAY BECOME COMPACTED IURING ROUGH GRADING, ESPECIALY IF THE GROUND IS WET. THIS COMPACTED LAYER MUST BE BROKEN UP. A SPRING-TOTH HAPRON WORKS WELL ON LEITHY COMPACTED SOUS, A SMALL ROTOTILLER MAY BE NEEDED FOR MORE HEAVLY COMPACTED SITES.

DEEP TLLAGE: ROTOTILLING LOOSENS COMPACTED SOIL AND IMPROVES THE DEEP TLAGE. ROTOTLIAND LOOSENS COMMACTE: SOL AND MATURES THE SPEED MID EITH OF ROTOTING. AT REACTION-MOVING ON SELF-PROPELLE SPEED MID EITH OF ROTOTING. AT REACTION-MOVING ON SELF-PROPELLE EXISTING TREES IN THE LAWN. CUITTING TOO MANY TREE ROOTS JURING SOLE TLLAGE CAN SEVERLY DAMAGE OF KILL A TREE. TREES OM. ALSO SE SUFFOOTED BY DEEPLY COVERING THE ROOTS WITH SOLL F ADDITIONAL SOL IS NECESSIAY! AT TREE MSEC. CONSTRUCT A TREE WELL.

PER I IZER AND TO DIS BAZANE IN THE PLACE. ON THE THIRD WINSON.

REPLACE THE TOPSOIL: ONCE THE SIBBURFACE IS ESTABLISHED, RETURN THE
TOPSOIL ONCE THE SIBBURFACE IN SERVIN THE PLACE IS ESTABLISHED, RETURN THE
TOPSOIL ONCE THE SIBBURFACE IN SERVIN THE ALLOW THE ALLOW



CHARLOTTE-MECKLENBURG BOARD OF EDUCATION

701 E M.L.K. JR BLVD, CHARLOTTE NC 28202



MIDDLE SCHOOL TRACK AND FIELD

Submittal / Revision	Ttv.	By	Dute
	П	П	
	П	Г	
OLD DOCUMENTS	PG	ÇL.	3/9/25

CONTROL NOTES			
Designed By:	Ottan by:	Checked B	
TR	CL	PG	
Issue Date:	Project No.:	Scale:	

EROSION AND SEDIMENT

PROJECT DESCRIPTION
THE PURPOSE OF THIS PROJECT IS TO RECONSTRUCT THE TRACK AND FIELD EVENTS WITH NEW
ASPHALT AND TRACK SURFACING AT FRANCIS BRADLEY MIDDLE 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 MCDOWELL CREEK.

THE SITE IS LOCATED WEST OF BEATTIES FORD RD AND NORTH OF JIM KIDD RD IN HUNTSVILLE, NC.

THE STIE IS COUNTED WEST OF SCHAME AND ASSETTING THE PROJECT AREA IS CLASSIFIED AS APPROXIMATELY 60% WKB OR WILKS LOAM AND 40% WKD OR WILKS LOAM, WHICH IS CLASSIFIED AS HSG TYPE D SOILS.

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

STOCKPILES
THE SOIL STOCKPILE WILL BE LOCATED ADJACENT TO THE JUMP AREA OF THE FOOTBALL FIELD.

EROSION AND SEDIMENT CONTROL MEASURES.
UNICESS 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 #6.06
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.

<u>SILT_FENCE</u>

6.62
A TEMPORARY SEDIMENT BARRIER CONSISTING OF A SYNTHETIC FILTER FABRIC STRETCHED ACROSS AND ATTACHED TO SUPPORTING POSTS AND ENTRENCHED.

STORM_DRAIN_INLET_PROTECTION #6.51 ALL STORM SEWER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. SEDIMENT-LADEN WATER SHALL BE FILERED BEFORE ENTERING THE STORM SEWER INLETS.

OUTLET PROTECTION
#6.41
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 HORSESSIONE SHAPED ROCK DAM STRUCTURE AT A PIPE INLET WITH A SEDIMENT STORAGE AREA AROUND THE OUTSIDE PERMETER 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 PRIOR TO

TEMPORARY DIVERSION DIKE.

#6.22
A SYSTEM OF DIVERSION DIKES TO DIRECT FLOW INTO SEDIMENT BASINS AND SEDIMENT BASINS WILL BE INSTALLED BELOW MAJOR GRADE AREAS. DIVERSION DIKES ARE TO ENSURE POSITIVE DRAINAGE TO EROSION SEDIMENT CONTROL MEASURES. SEE VESCH STANDARD DETAILS FOR MORE INFORMATION.

TEMPORARY SEDIMENT BASIN #6.64

TEMPORARY DAM AND CONTROLLED STORMWATER RELEASE STRUCTURE. USED TO DETAIN
SEDIMENT-LADEN RUNOFF FOR DRAINAGE AREAS OF 3 ACRES OR GREATER. SPECIFIC DETAILS OF
THE SEDIMENT BASIN ARE SHOWN ON THE EROSION AND SEDIMENT CONTROL DETAIL SHEET. FILL
MATERIAL PLACED AROUND THE SEDIMENT BASIN OUTFALL PIPE SHALL BE ACCOMPUSHED IN 4 INCH
LIFTS AND COMPACTED UNTIL 95% COMPACTION IS ACHIEVED. SEDIMENT BASIN EMBANKMENTS SHALL
BE CONSTRUCTED OF PROPER MATERIAL THAT MILL CONTAIN THE APPROPRIATE MOISTURE CONTENT
TO ENSURE THAT 95% COMPACTION WILL BE ACHIEVED.

TOPSOIL MILL 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

OFF-SITE SEDIMENT DAMAGE SHALL RESULT. STABILIZE OF PROTECT STOCKFILES IN ACCORDANCE WITH MS #2:
TEMPORARY SEEDING #6.10
TEMPORARY SEEDING #6.10
TEMPORARY SEEDING #6.10
TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING.
SEEDED WITH FAST GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING.
SELECTION OF THE SEED MIXTURE WILL DEPEND ON THE TIME OF YEAR IT IS APPULED. SEE SEEDING MIXTURES ON THIS SHEET

MIXTURES ON HIRS SHEEL.

#6.11
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.

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

DUST CONTROL

SUFFACE AND AIR MOVEMENT OF DUST DURING LAND DISTURBING AND CONSTRUCTION
ACTIVITIES TO REDUCE ARRORNE SUBSTANCES. THIS CAN BE ACCOMPLISHED USING A VARIETY OF
METHODS. SEE VESCH STANDARDS FOR METHOD DISSORPTIONS.

- $\frac{\text{MANAGEMENT_STRATEGIES}}{\text{1. CONSTRUCTION WILL BE}} \text{ SEQUENCED SO THAT_GRADING OPERATIONS CAN_BEGIN AND END AS}$

- 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 CLEARED UP AND REMOVED.

MAINTENANCE SCHEDULE FOR EROSION CONTROL DEVICES

A DE TEMPORARY CONSTRUCTION ENTRANCE

6 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
REVURKING OF EXISTING STONE AS CONDITIONS DEWAND AND REPAIR AND/OR CLEANDUL TO FANY STRUCTURES
USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OINTO
RIGHDWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRACKS TO REMOVE
MATERIALS DROPPED, WASHED, OR TRACKED OINTO ROBAWAYS WILL NOT BE PERMITTED UNDER ANY

6.62 STLT FENCE

S2 SILT FENCES
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 SHALD 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 PRIDE TO THE END OF THE EXPECTED USABLE LIFE
AND THE BARRIER STILL BE NECESSARY. THE FABRIC SHALL BE REPLACED PROMPHILY. SEDIENTS
SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH
APPROXIMATELY DNE-HALF THE HEIGHT OF THE BARRIER ANY SEDIMENT DEPOSITS REMAINION 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

5 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 ERDDE.

6.11 PERMANENT SEEDING

1 PLEMMANENI SLEJING
EVEN WITH CAREFUL, WELL-PLANNED SEEDING DPERATIONS, FAILURES CAN DCCUR. 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 FIDE WHAT REASON
GERMINATION DID NOT TAKE PLACE AND MAKE ANY CORRECTIVE ACTION NECESSARY PRIOR TO RESEDING THE
AREA. HEALTHY VEGETATION IS THE MOST EFFECTIVE EROSION CONTROL AVAILABLE.

4 MULCHING ALL MULCHES AND SDIL 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 OF FAILURE. IF WASHOUTS OR BREAKAGE OCCUR, RE-INSTALL NETTING DR 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 DRNAMENTAL PLANTINGS, INSPECT PERIODICALLY THROUGHOUT THE YEAR TO DETERMINE IF MULCH IS MAINTAINING COVERAGE OF THE SOIL SURFACE, REPAIR AS NEEDED.

CONSTRUCTION SEQUENCE FRANCIS BRADLEY MIDDLE SCHOOL:

- THE PLAN APPROVAL, NOTICE OF INTENT (NOI) AND CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE CALLING FOR A
- THE CONTRACTOR SHALL CONTACT NCDEQ LAND QUALITY SECTION AT 919-791-4200 A MINIMUM OF 48 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES
- DISTURBING ACTIVITIES.

 HE CONTRACTOR IS REQUIRED TO PERFORM AN INITIAL INSPECTION OF THE SITE AND TO TAKE PHOTOGRAPHS AND VIDEO OF THE PROPOSED CONSTRUCTION, STADING, AND STOCKPILE AREAS BEFORE DISTURBING THE SITE IN ACCORDANCE WITH THE GENERAL CONDITIONS. APPROVAL TO INSTALL REDGISON AND SEDIMENT CONTROL SHALL NOT BE GRANTED UNTIL THE CONTRACTOR HAS PROVIDED TO THE OWNER AND RECEIVED WRITTEN APPROVAL OF THE CONTROL FROM THE CONWER.

 STOCKPILES, LADYDOWN OR WASTE AREAS, CONCRETE WASHOUTS, PORTABLE TOLLETS, 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 WET.

 PERFORM ALL UTILITY IDENTIFICATION AND MARKING/FLAGGING AS NECESSARY.

 COORDINATE WITH UTILITY COMPANIES TO RELOCATE OR PROPIECT UTILITIES.

 STAKE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE APPROVED EROSION CONTROL PLANS, NPDES REPORTS, ETC. POST THE EROSION CONTROL PERMIT IN 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.

- 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 STABILLIZATION ESTABLISHED.
- DENTIFY 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 HE LIMITS OF DISTURBANCE FOR LATER USE AS FILL MATERIAL OR DISPOSAL. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE STABILIZATION MEASURES ACROUND THE STOCKPILE AMERICS TO PREVENT EROSION AND SEDIMENTATION. ANY STOCKPILE MUST BE STABILIZED IF INJECTIVE FOR MORE THAN 7 CALENDAR DAYS.

 1. 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 ENDINEER.

 1.3. BEGIN GRADINO CEPTATIONS FOR THE TRACK.

 1.4. ACCUMULATED SEDIMENT SHALL BE REMOVED BY THE CONTRACTOR AND PROPERLY DISPOSED OF OFFICE AS WORK PROGRESSES. ADDITIONAL MEASURES MAY BE RECOURCED DURING DECOMMISSIONING TO PREVENT ANY SEDIMENT BEING TRANSFERRED DOWNSTREAM.

- 15. COMPLETE IMPROVEMENTS
- COMPLE IL IMPROVEMENTS.
 REPAIR REMAINING AREAS USED FOR CONSTRUCTION ACCESS AND ACTIVITIES.
 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 SEDIENT.
 COMPLETE PERMANENT SITE SEEDING AND PLANTING AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. SEED AND MULCH
- STAGIG AREAS, ALL HAUL/ACCSS ROADS, AND ANY REMAINING NON-VEGETATED AREAS.
 PER THE NPDES PERMIT, GROUND STABILIZATION MILE EAPPLIED WITHIN 14 CALENDAR DAYS FROM LAST LAND DISTURBING ACTIVITY. FOR STEEP SLOPES, THAT AREA WIST BE STABILIZED WITHIN 7 CALENDAR DAYS. (15A NCAC 04B .0106, NCG01 PART II SECTION E (1))
- 20. COMPLETE SITE CLEANUP.
 21. ALL REMAINING HEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED FROM THEIR RESPECTIVE LOCATIONS ONLY WHEN THE STABILIZATION OF THE ADJACENT GROUND HAS BEEN ESTABLISHED.
- REMOVE CONSTRUCTION ENTRANCE.
- 24. WHEN VEGETATION IS ESTABLISHED CONTACT NCDEQ LAND QUALITY INSPECTOR FOR FINAL INSPECTION AND CERTIFICATE OF COMPLIANCE.
- 25. UPON RECEIPT OF THE CERTIFICATE OF COMPULANCE 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
- 20. ENSIGN AND SEMENT CONTINE (BESSLY PERMAND A CERTIFICATION FOR CONTINE OF CONTINE DE CONTINED BETWEEN AND END STORBING AND THE COC CAN BE OBTAINED BY FILLING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT DEGN.CGOV/NCOOI. PLEASE NOTE, THE C-NOI FORM MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED. A COPY OF THE PLAN MUST BE KEPT ON SITE, PREFERENT 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 DECINIC GOV/NCGOI 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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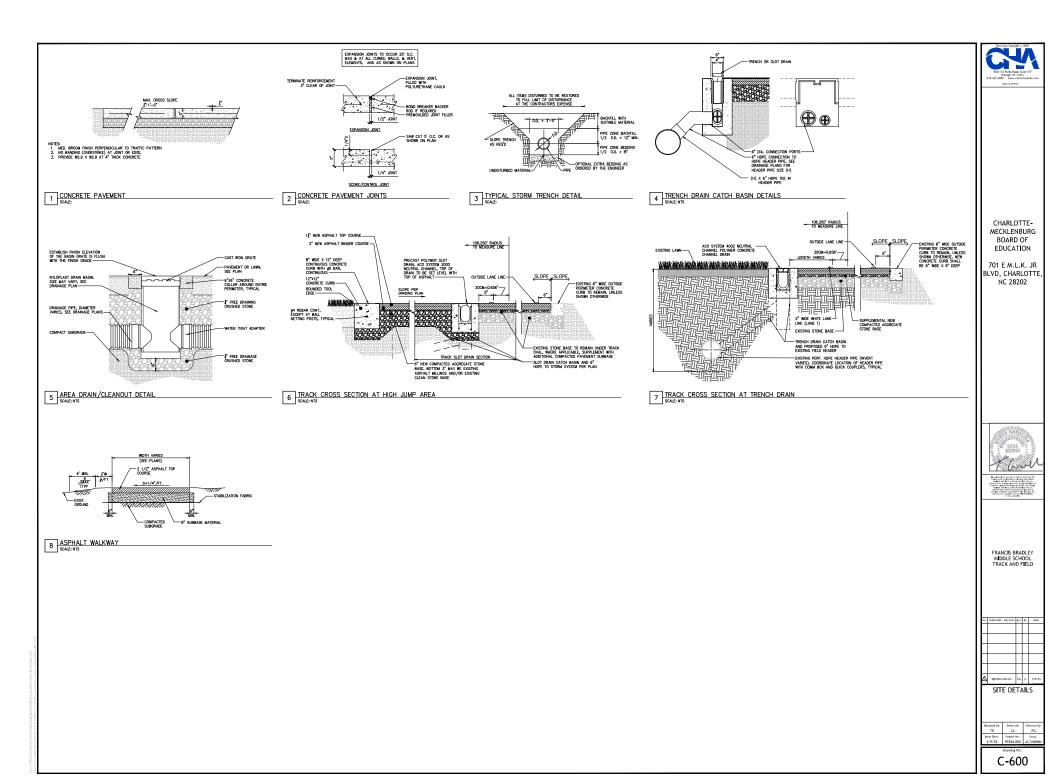
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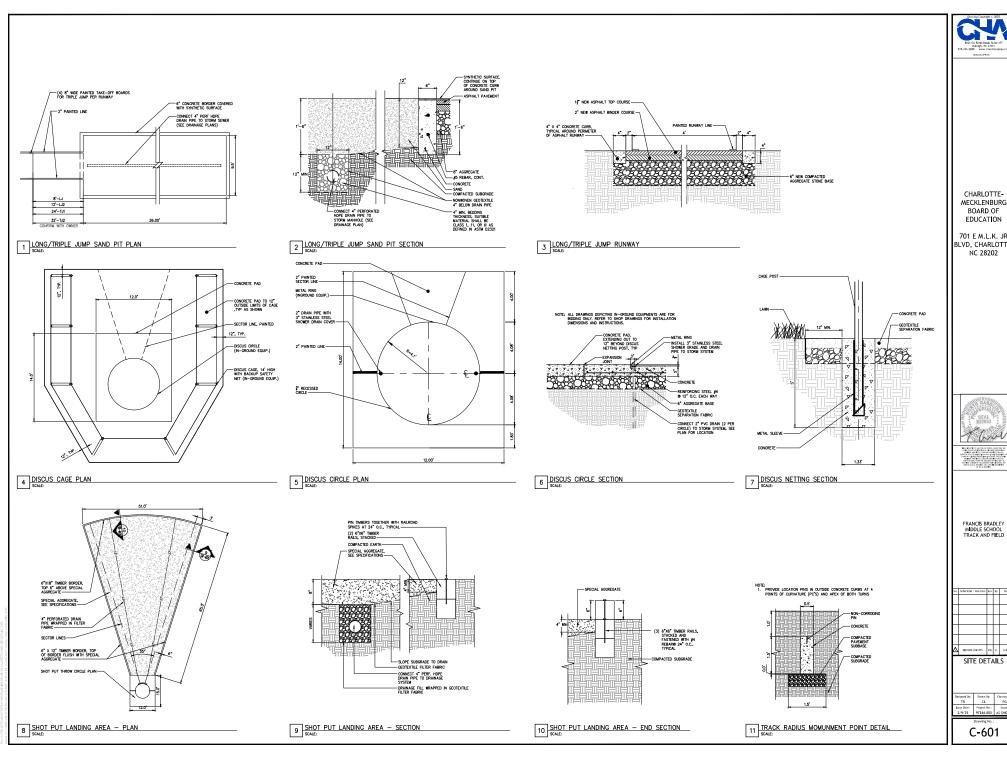


MIDDLE SCHOOL TRACK AND FIELD

No.	Submittal / Revision	Ttv.	By	Date
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Δ	OLD DOCUMENTS	PG	ÇL.	3/9/2

EROSION AND SEDIMENT CONTROL NOTES







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SITE DETAILS