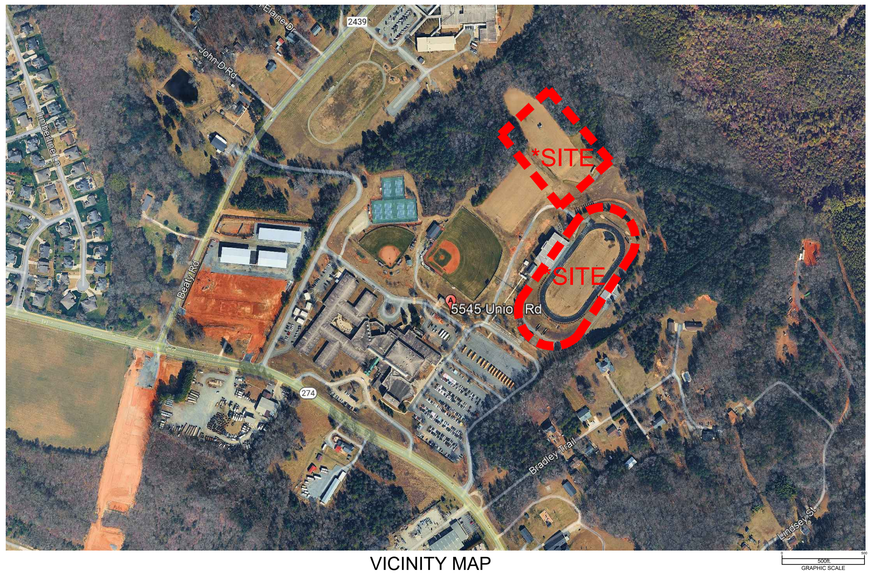
FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
GASTONIA, NC

SHEET TITLE	SHEET NO.
Cover	CS100
School Base Map	C100
Existing Conditions	C101
Demolition Plan	C102
General and Erosion Control Notes	C200
Phase 1 Erosion Control Plan	C201
Phase 1 Erosion Control Plan	C202
Phase 2 Erosion Control Plan	C203
Phase 2 Erosion Control Plan	C204
Erosion Control Details	C205
Erosion Control Details	C206
Erosion Control Details	C207
Overall Key Plan	L100
Track Oval Layout Plan	L101
Throwing Events Layout and Dimension Plan	L102
Track Oval Dimension Plan	L103
Track Oval Grading Plan	G100
Throwing Events Grading Plan	G101
Track Oval Drainage Plan	G102
Throwing Events Drainage Plan	G103
Track Oval Utility Plan	U100
Details	D100
Details	D101
Details	D102
Details	D103
Details	D104
Details	D105
Details	D106
Details	D107
Details	D108



VICINITY MAP

Owner
Gaston County Schools
943 Osceola Street
Gastonia, NC 28054
Contact: Matt Odom
Phone: 704-689-9993

Landscape Architect
FitFields
314 Tom Hall Street
Fort Mill, SC 29715
Contact: Dan Dodd, PLA
Email: dan@fitfields.com

Track and Field Consultant
Paige Design Group
1040 Frank Davis Road
Waynesville, NC 28785
Contact: Don Paige
Email: dpaige@PaigeDesignGroup.com

Civil Engineer
Roper Civil Engineering
3007 Hinsdale Street
Charlotte, NC 28210
Contact: Matthew Roper, PE
Email: matt@roperce.com

North Carolina 811
www.nc811.org

CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

BID SET

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 3.11.26

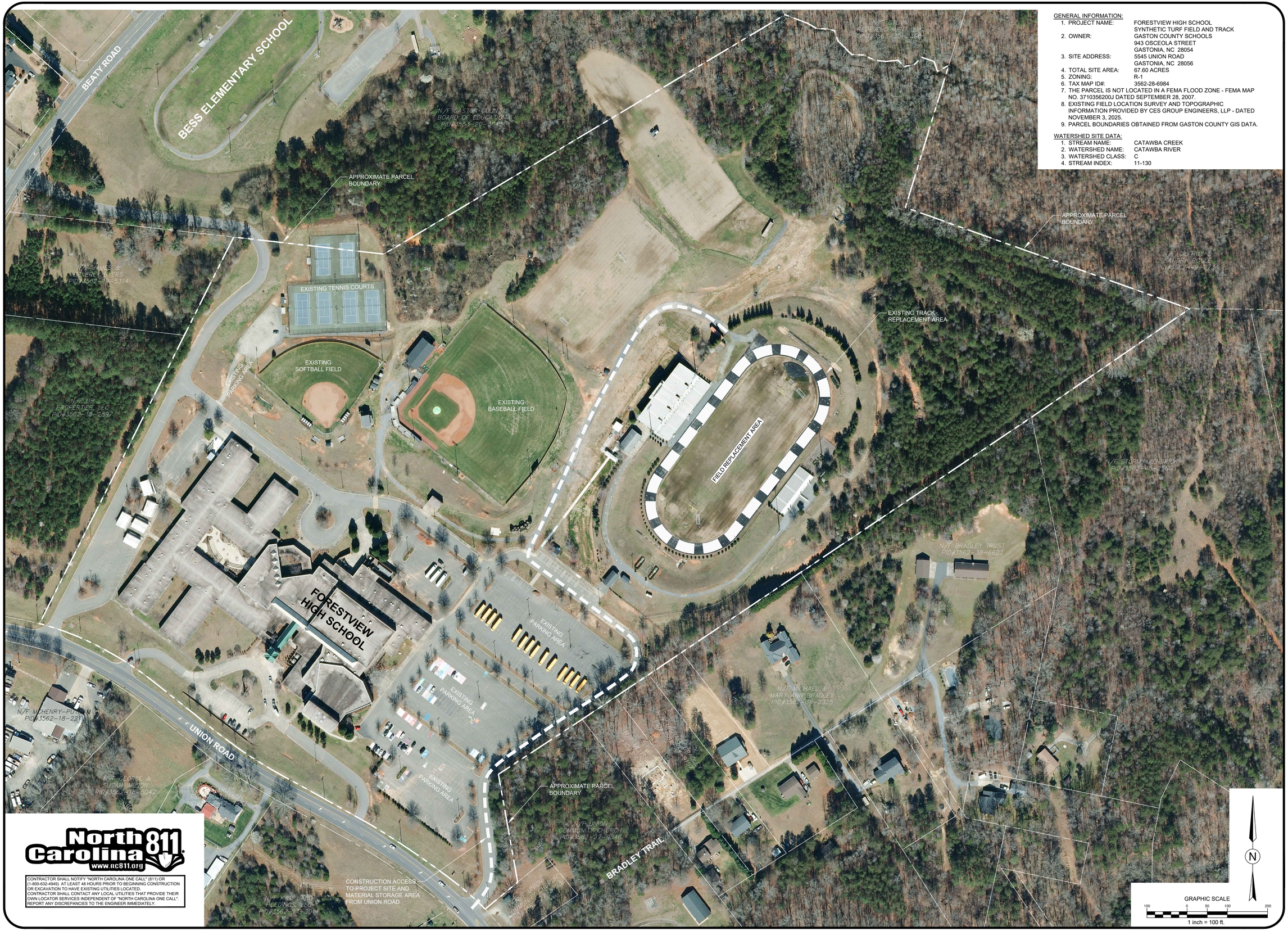
NORTH CAROLINA FITFIELDS, PLLC COA# 389 CERTIFICATE OF AUTHORIZATION

REVISIONS:

OWNER: GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE:
DATE: 03-09-26
SHEET NAME: COVER
SHEET NO: CS100



GENERAL INFORMATION:

1. PROJECT NAME: FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK
2. OWNER: GASTON COUNTY SCHOOLS 943 OSCEOLA STREET GASTONIA, NC 28054
3. SITE ADDRESS: 5545 UNION ROAD GASTONIA, NC 28056
4. TOTAL SITE AREA: 67.60 ACRES
5. ZONING: R-1
6. TAX MAP ID#: 3562-28-6984
7. THE PARCEL IS NOT LOCATED IN A FEMA FLOOD ZONE - FEMA MAP NO. 3710356200J DATED SEPTEMBER 28, 2007.
8. EXISTING FIELD LOCATION SURVEY AND TOPOGRAPHIC INFORMATION PROVIDED BY CES GROUP ENGINEERS, LLP - DATED NOVEMBER 3, 2025.
9. PARCEL BOUNDARIES OBTAINED FROM GASTON COUNTY GIS DATA.

WATERSHED SITE DATA:

1. STREAM NAME: CATAWBA CREEK
2. WATERSHED NAME: CATAWBA RIVER
3. WATERSHED CLASS: C
4. STREAM INDEX: 11-130

CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

ROPER CIVIL ENGINEERING
3007 Hinsdale Street
Charlotte, NC 28210
(T) 704.582.3751

NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW G. ROPER
3-9-26

ROPER CIVIL ENGINEERING CORPORATE SEAL P-1266 NORTH CAROLINA

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK

5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 100'-0"
DATE: 3-9-26
SHEET NAME: SCHOOL BASE MAP
SHEET NO: C100

GENERAL INFORMATION:

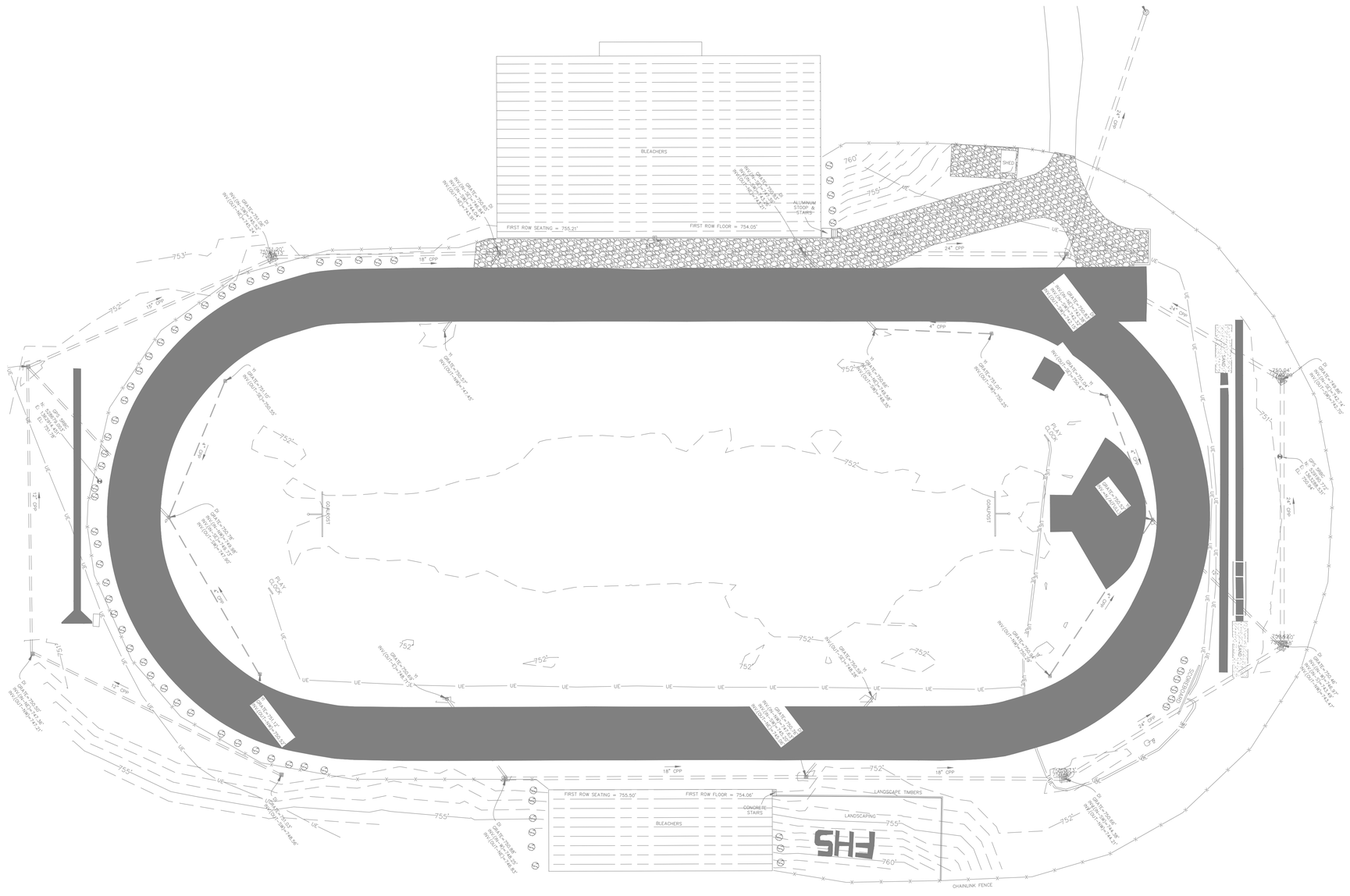
1. PROJECT NAME: FORESTVIEW HIGH SCHOOL
   SYNTHETIC TURF FIELD AND TRACK
2. OWNER: GASTON COUNTY SCHOOLS
   943 OSCEOLA STREET
   GASTONIA, NC 28054
3. SITE ADDRESS: 5545 UNION ROAD
   GASTONIA, NC 28056
4. TOTAL SITE AREA: 67.60 ACRES
5. ZONING: R-1
6. TAX MAP ID#: 3562-28-6984
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8. EXISTING FIELD LOCATION SURVEY AND TOPOGRAPHIC INFORMATION PROVIDED BY CES GROUP ENGINEERS, LLP - DATED NOVEMBER 3, 2025.
9. PARCEL BOUNDARIES OBTAINED FROM GASTON COUNTY GIS DATA.

WATERSHED SITE DATA:

1. STREAM NAME: CATAWBA CREEK
2. WATERSHED NAME: CATAWBA RIVER
3. WATERSHED CLASS: C
4. STREAM INDEX: 11-130

LEGEND

- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING FENCE
- EXISTING STORM LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING CATCH BASIN
- EXISTING ELECTRICAL OUTLET
- EXISTING GRAVEL
- EXISTING TRACK SURFACE



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N

GRAPHIC SCALE

30 0 15 30 60

1 inch = 30 ft.

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"

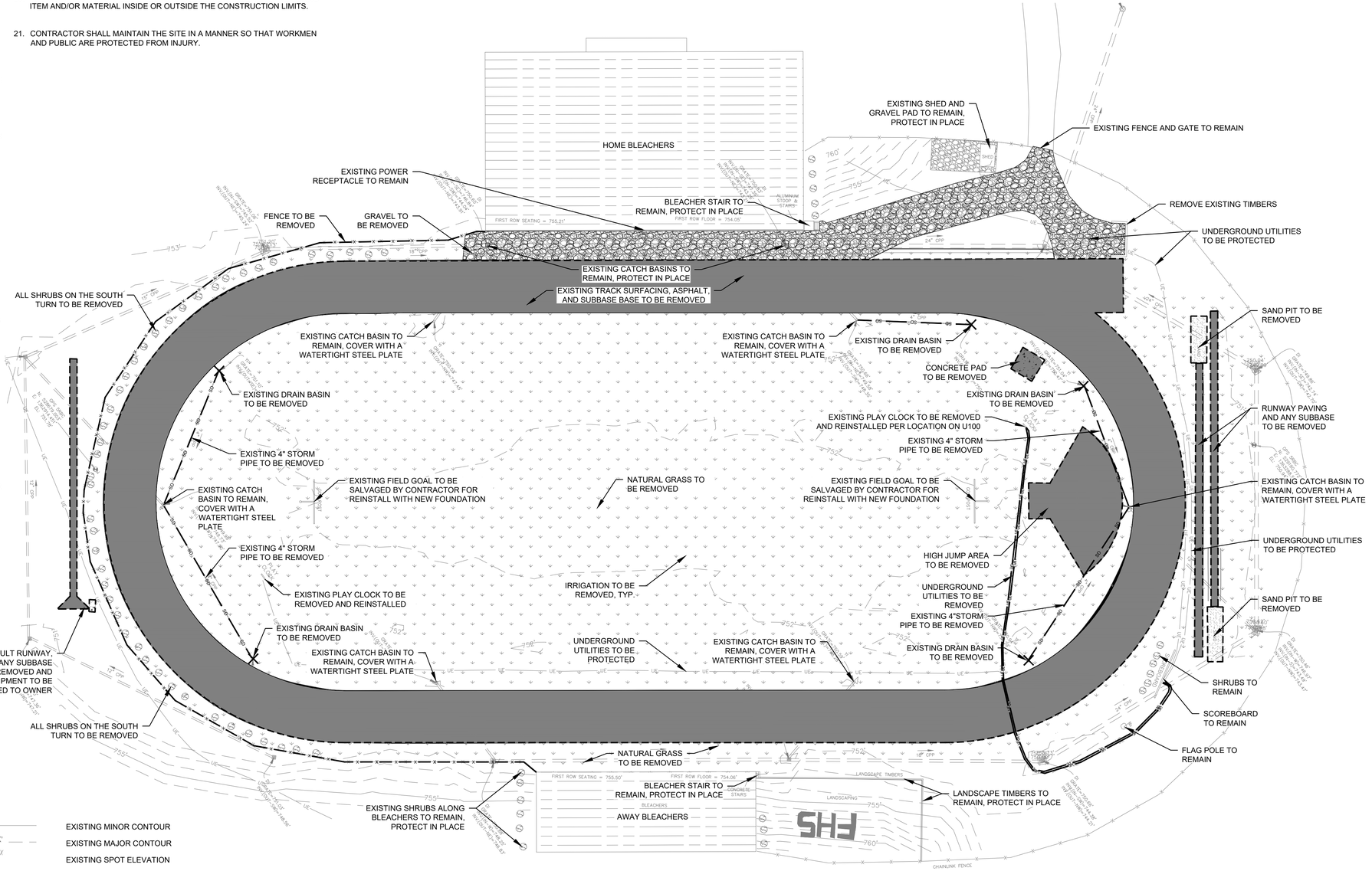
DATE: 03-09-26

SHEET NAME: EXISTING CONDITIONS

SHEET NO: C101

DEMOLITION NOTES:

1. ALL PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING UNLESS OTHERWISE SPECIFICALLY EXEMPTED BY THESE PLANS.
2. DEMOLITION DEBRIS, EXCEPT AS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ALL DEBRIS SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN A LEGAL LANDFILL IN A TIMELY MANNER. NO SALVAGE OR SALE OF DEMOLISHED MATERIALS ON SITE WILL BE ALLOWED WITHOUT PERMISSION FROM THE OWNER.
3. REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER. (PERMIT REQUIRED FOR OFF-SITE DISPOSAL)
4. LOCATE EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING DEMOLITION OPERATION.
5. SHOULD UNCHARTED, OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING DEMOLITION, CONSULT LANDSCAPE ARCHITECT AND UTILITY OWNER FOR IMMEDIATE ACTION.
6. DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTED "TO BE REMOVED".
7. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.
8. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING CONDITIONS OR BETTER.
9. CONTRACTOR SHALL MAINTAIN POSITIVE STORM DRAINAGE DURING CONSTRUCTION TO INSURE NO DAMAGE TO ADJACENT PROPERTIES OCCURS DURING STORM EVENTS.
10. CONTRACTOR SHALL COORDINATE STORM DEMOLITION WITH STORM DRAIN IMPROVEMENTS TO MAINTAIN POSITIVE DRAINAGE.
11. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
12. ALL DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS. THE CONTRACTOR MUST COMPLY WITH ALL OF THE CONTRACTOR REGISTRATION REQUIREMENTS OF ALL GOVERNING AUTHORITIES.
13. PRIOR TO THE COMMENCEMENT OF DEMOLITION, THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH ALL UTILITY COMPANIES SERVING THIS AREA. THE CONTRACTOR IS TO COORDINATE FULLY WITH THE UTILITY COMPANIES ON THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DEMOLITION, CONSTRUCTION, AND EXCAVATION.
14. ALL PROPOSED PAVEMENT CUTS SHALL BE SAW CUT ONLY.
15. CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS ADVANCE NOTICE TO THE OWNER PRIOR TO STARTING DEMOLITION ACTIVITIES.
16. CONTRACTOR SHALL VERIFY AND PROTECT ALL PUBLIC UTILITIES. ANY WORK ASSOCIATED WITH SAID UTILITIES TO BE COORDINATED WITH APPROPRIATE UTILITY COMPANY. DEMOLITION OF UTILITIES WHICH ARE ACTIVE SHALL BE SEQUENCED TO ALLOW FOR INSTALLATION OF NEW OR REROUTED LINES, PRIOR TO REMOVAL OF EXISTING PORTION.
17. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE OWNER AND LANDSCAPE ARCHITECT ANY DISCREPANCIES FOUND BETWEEN ACTUAL FIELD CONDITIONS AND CONSTRUCTION DOCUMENTS AND SHALL WAIT FOR INSTRUCTIONS PRIOR TO PROCEEDING.
18. PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REGULATORY AUTHORITIES AND SHALL BE THOROUGHLY FAMILIAR WITH CONDITIONS OF SAID PERMITS AND INSPECTION REQUIREMENTS.
19. THE CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND RIGHT-OF-WAYS, PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE THE CONSTRUCTION LIMITS.
21. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC ARE PROTECTED FROM INJURY.
22. LANDSCAPE ARCHITECT SHALL NOT BE IN CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR ACTUAL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK, OR FOR THE ACTS OR OMISSIONS OF CONTRACTORS OR ANY OTHER PERSONS NOT UNDER THE EMPLOYMENT OF LANDSCAPE ARCHITECT.
23. SHOULD THE CONTRACTOR ENCOUNTER ANY ADDITIONAL ITEMS THAT MAY REQUIRE DEMOLITION (FENCES, GUARD RAIL, ETC.) - THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT FOR FURTHER DIRECTION.



LEGEND

- EXISTING NATURAL GRASS TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING SAND TO BE REMOVED
- EXISTING TRACK SURFACE TO BE REMOVED
- EXISTING GRAVEL TO BE REMOVED
- EXISTING UNDERGROUND ELECTRIC LINE TO BE REMOVED
- EXISTING FENCE TO BE REMOVED
- EXISTING STORM PIPE TO BE REMOVED
- EXISTING EQUIPMENT TO BE REMOVED

- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING FENCE
- EXISTING STORM LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING CATCH BASIN
- EXISTING ELECTRICAL OUTLET

North Carolina 811 www.nc811.org

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GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

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314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 SEAL 03/09/2026

NORTH CAROLINA BOARD OF LANDSCAPE ARCHITECTURE CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA # 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 03-09-26
SHEET NAME: DEMOLITION PLAN
SHEET NO: C102

GENERAL NOTES:

THE PURPOSE OF THIS PLAN IS TO DEFINE THE EROSION CONTROL REQUIREMENTS RELATED TO THE TRACK REPLACEMENT AND SYNTHETIC TURF FIELD RENOVATION AT FORESTVIEW HIGH SCHOOL.

1. SITE BOUNDARIES AND BUILT-UPON AREA FOR THE HIGH SCHOOL CAMPUS AREA OBTAINED FROM GASTON COUNTY GIS DATA. FIELD LOCATION SURVEYS HAVE BEEN PERFORMED OF THE TRACK AND FIELD PROJECT AREAS ONLY.
2. DUE TO A LAND DISTURBANCE OF GREATER THAN ONE-ACRE, THIS PROJECT IS SUBJECT TO THE GASTON COUNTY STORMWATER MANAGEMENT ORDINANCE REGULATIONS. PER GASTON COUNTY NATURAL RESOURCES STAFF, DUE TO THE MINIMAL AMOUNT OF PROPOSED IMPERVIOUS AREA THE SITE IS NOT SUBJECT TO WATER QUANTITY AND/OR WATER QUALITY REQUIREMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK. ANY UTILITY SHOWN ON THIS PLAN IS FOR REFERENCE ONLY, AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.
4. ALL ELEVATIONS ARE IN REFERENCE TO THE SURVEYORS BENCHMARK WHICH MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUND BREAKING.

STANDARD EROSION CONTROL NOTES:

1. ON-SITE BURIAL PITS REQUIRE AN ON-SITE DEMOLITION LANDFILL PERMIT FROM THE ZONING ADMINISTRATOR.
2. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
3. GRADING MORE THAN ONE-ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
4. ALL PERIMETER AREAS AND SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITHIN 7 DAYS. GROUND STABILIZATION ON ALL OTHER AREAS MUST BE COMPLETED WITHIN 14 DAYS. REFER TO THE EROSION CONTROL ORDINANCE FOR ADDITIONAL REQUIREMENTS.
5. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE COUNTY.
6. A GRADING PLAN MUST BE SUBMITTED FOR ANY LOT GRADING EXCEEDING ONE ACRE THAT WAS NOT PREVIOUSLY APPROVED.
7. TEMPORARY DRIVEWAY PERMIT FOR CONSTRUCTION ENTRANCES IN NCDOT RIGHT-OF-WAY MUST BE PRESENTED AT PRE-CONSTRUCTION MEETING.
8. SLOPES SHALL BE GRADED NO STEEPER THAN 2:1. SLOPED GREATER THAN 10 VERTICAL FEET REQUIRE ADEQUATE TERRACING. SOILS ENGINEER TO VERIFY STABILITY OF SLOPES GREATER THAN 2:1.
9. SOIL COMPACTION TESTS ARE REQUIRED ON ANY BERM >=5' IN HEIGHT FROM THE NATURAL GRADE. SOIL COMPACTION MUST BE AT 95% PROCTOR AND CERTIFIED BY A LICENSED SOIL ENGINEER.

GRADING NOTES:

1. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE GASTON COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
2. GRADING MORE THAN ONE-ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE GASTON COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
3. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE GASTON COUNTY ENGINEERING DEPARTMENT.
4. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS.

MAINTENANCE SCHEDULE:

1) ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY STORM EVENT, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY REPAIRS OR CLEANING NECESSARY TO MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE COMPLETED IMMEDIATELY.
2) ALL SEEDED AREAS SHALL BE REFERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO THE SEEDING SCHEDULE.

UTILITY NOTES:

1) ALL EXISTING UTILITIES TO BE ABANDONED SHOULD BE GROUTED; ADDITIONALLY ALL ABANDONED PIPES SHOULD BE CHECKED WITH FOOTING DEPTHS AND PROPOSED UTILITIES, AND REMOVED IF CONFLICT OCCURS.

EROSION CONTROL NOTES:

1. THIS EROSION CONTROL PLAN SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE STANDARDS OF GASTON COUNTY AND/OR NCDEQ AS APPLICABLE. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, U.S. DEPARTMENT OF AGRICULTURE, GASTON COUNTY EROSION CONTROL ORDINANCE, AND THE LAND DEVELOPMENT STANDARDS MANUAL.
2. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY THE INSPECTOR.
3. SILT FENCE NOTES:
   A. HIGH HAZARD SILT FENCE SHALL BE USED AT ALL LOCATIONS WHERE CONSTRUCTION ACTIVITIES ARE WITHIN 30' OF THE TOP OF CREEK BANKS OR EXISTING PONDS.
   B. REGULAR SILT FENCE SHALL BE USED AT ALL OTHER LOCATIONS, EXCEPT AS DIRECTED BY THE INSPECTOR. AS A RULE, SILT FENCE SHALL BE PROVIDED AT THE DOWN-GRADE PERIMETER OF DISTURBED AREAS. THE FINAL LOCATION OF SILT FENCE MAY BE FIELD ADJUSTED AS REQUIRED PER SITE CONDITIONS, AND/OR AS DIRECTED BY THE INSPECTOR.
   C. SILT FENCE OUTLETS SHALL BE PLACED AT NATURAL LOW POINTS.
4. IN AREAS WHERE SILT FENCE IS NOT REQUIRED, BUT THE CONTRACTOR DESIRES TO RESTRICT ACCESS, ORANGE TREE PROTECTION/BARRIER FENCE MAY BE UTILIZED.
5. A TEMPORARY CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED ADJACENT TO THE EXISTING TRACK CHUTE AREA TO MINIMIZE TRACKING OF SEDIMENT ONTO THE PARKING AREAS AND ADJACENT STREETS.
6. ROCK CHECK DAMS OR WATTLES SHALL BE PLACED AT LOW POINTS IN NATURAL DRAINAGE PATTERNS TO CONTROL VELOCITY AND MINIMIZE THE LOSS OF SEDIMENT.
7. INLET PROTECTION IS REQUIRED FOR ALL INLETS LOCATED IN THE WORKING AREA AND REQUIRED UNTIL THE SITE IS FULLY STABILIZED.
8. FOR ANY AREAS WHERE MATERIAL SUBJECT TO EROSION IS BEING STOCKPILED (TOPSOIL, STRIPPINGS, ETC), TEMPORARY EROSION CONTROL MEASURES MAY BE NECESSARY AT THE STOCKPILE PERIMETER IN ORDER TO MINIMIZE THE SEDIMENT LOSS.
9. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE. ALL SLOPES MUST BE SEEDED AND MULCHED WITHIN 7 DAYS. REFER TO EROSION CONTROL ORDINANCE FOR ADDITIONAL REQUIREMENTS.
10. ALL EROSION CONTROL DEVICES SHALL BE INSPECTED AT LEAST ONCE PER WEEK AND AFTER EACH STORM EVENT OF 0.5" OR MORE. IF ANY FAILURES ARE FOUND THEY SHOULD BE REPAIRED AS SOON AS POSSIBLE.
11. EFFECTIVE OCTOBER 1, 2010, PERSONS RESPONSIBLE FOR LAND DISTURBING ACTIVITIES MUST INSPECT A PROJECT AFTER EACH PHASE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. SELF- INSPECTION REPORTS ARE REQUIRED. A SAMPLE SELF INSPECTION, AS WELL AS DETAILS OF THE SELF-INSPECTION PROGRAM, CAN BE FOUND ON THE NCDEQ WEBSITE.
12. ANY SEDIMENT OR MATERIAL TRACKED ONTO THE ADJACENT STREETS SHALL BE SWEPT AND REMOVED IMMEDIATELY.
13. ALL DISTURBED AREAS WILL BE PROVIDED WITH PERMANENT GROUNDCOVER.

CONSTRUCTION SEQUENCE (PHASE 1):

1. OBTAIN GRADING/EROSION CONTROL PLAN APPROVAL FROM NCDEQ - DEMLR, AND ALL OTHER NECESSARY PERMITS FROM OTHER APPLICABLE AGENCIES.
2. AFTER APPROVAL FROM NCDEQ, FILE THE ELECTRIC NOTICE OF INTENT (ENOI) ONLINE TO OBTAIN AN EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) FROM NCDEQ BEFORE ANY LAND DISTURBING ACTIVITIES CAN OCCUR.
3. AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION, CONTACT THE DEMLR SECTION IN THE MOORESVILLE REGIONAL DEQ OFFICE AT (704)663-1699, GASTON COUNTY INSPECTORS, AND THE ENGINEER. MEET WITH DEMLR REPRESENTATIVES AND THE ENGINEER ON-SITE AT THEIR REQUEST FOR A PRE-CONSTRUCTION MEETING.
4. PER NPDES REQUIREMENTS, A RAIN GAUGE, SELF-INSPECTIONS RECORDS, PERMIT, CERTIFICATE OF COVERAGE, AND SEDIMENT AND EROSION CONTROL PLAN ARE REQUIRED TO BE MAINTAINED ON SITE AND ACCESSIBLE DURING INSPECTION. IT IS RECOMMENDED THAT THESE ITEMS BE PLACED IN A PERMITS BOX AT THE BEGINNING OR ENTRANCE OF PROJECT.
5. INSTALL EROSION CONTROL MEASURES PER THE APPROVED PLAN OR AS DIRECTED BY THE INSPECTOR.
6. CALL FOR ON-SITE INSPECTION OF INSTALLED MEASURES BY THE INSPECTOR. AFTER APPROVAL BY THE INSPECTOR, CONSTRUCTION MAY BEGIN.
7. SELF-INSPECTIONS FOR EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1-INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED. ALL E&SC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING.
8. DEMOLISH AND REMOVE THE EXISTING TRACK SURFACE AND SUBGRADE, EXISTING TRACK FEATURES (LONG JUMP, HIGH JUMP, ETC), EXISTING STORM PIPE AND STRUCTURES, AND ANY OTHER ITEMS SHOWN ON THE DEMO PLAN. STRIP AND REMOVE EXISTING GRASS, ROOT MAT, AND TOPSOIL FROM LAWN AREAS OF THE SITE. THIS MATERIAL SHALL BE STORED IN THE APPROVED STOCKPILE LOCATION. ANY MATERIAL REMOVED FROM THE SITE SHALL BE DISPOSED OF IN AN NCDEQ PERMITTED EROSION CONTROL SITE.
9. EXCAVATE TO THE PROPOSED SUBGRADE ELEVATION IN THE LIMITS OF THE PROPOSED TRACK REPLACEMENT.
10. STRIP AND REMOVE EXISTING GRASS, ROOT MAT, AND TOPSOIL FROM AREAS OF THE PROPOSED SYNTHETIC TURF. THIS MATERIAL SHALL BE STORED IN THE APPROVED STOCKPILE LOCATION.
11. EXCAVATE TO THE PROPOSED SUBGRADE ELEVATION IN THE LIMITS OF THE PROPOSED SYNTHETIC TURF FIELD.
12. SILT BAGS SHALL BE UTILIZED AS NECESSARY IN THE AREAS SHOWN ON THE PLAN AND SHALL BE CONTINUOUSLY MONITORED DURING OPERATION.
13. PRIOR TO PLACEMENT / COMPACTION OF ANY BACK FILL WITHIN THESE AREAS, THE ON-SITE GEOTECHNICAL ENGINEER SHALL INSPECT THE SUB-GRADE. IF THE CONTRACTOR CONSTRUCTS AND COVERS UP THESE AREAS PRIOR TO INSPECTION, THEN THE SUB-GRADE SHALL BE UNCOVERED AND TESTED AT THE CONTRACTOR'S EXPENSE. NO BACKFILL MATERIAL SHALL BE PLACED FOR THE TRACK AREA UNTIL APPROVAL IS OBTAINED FROM THE ON-SITE GEOTECHNICAL ENGINEER.
14. REMOVE THE EXISTING DRAINAGE PIPE IN THE D-AREAS OF THE TRACK REPLACEMENT AS SHOWN ON THE DEMOLITION AND DRAINAGE PLAN.
15. ONCE THE DRAINAGE PIPE HAS BEEN REMOVED, PROCEED TO PHASE 2 OF THE EROSION CONTROL PLANS.

CONSTRUCTION SEQUENCE (PHASE 2):

1. ONCE THE DRAINAGE PIPE IN THE D-AREAS HAS BEEN REMOVED, THE CONTRACTOR CAN INSTALL THE FIELD DRAINAGE AND TIE INTO THE EXISTING STORM DRAINAGE SYSTEM AS SHOWN ON THE FIELD DRAINAGE PLANS.
2. CONTRACTOR MAY BEGIN PLACEMENT OF BACKFILL MATERIAL AND CONSTRUCTION OF THE PROPOSED SYNTHETIC TURF FIELDS PER THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS.
3. CONTRACTOR TO BEGIN WORK ON OTHER HARDSCAPE AREAS OF THE TRACK REPLACEMENT PLAN INCLUDING SIDEWALK ACCESS, LONG JUMP RUNWAYS, POLE VAULT RUNWAYS, HIGH JUMP PAD, AND THROWING PADS.
4. CONTRACTOR TO INSTALL PERIMETER CURB AND PAVING SURFACE FOR TRACK AS SHOWN ON THE PLANS. CONTRACTOR TO INSTALL PERIMETER FENCE AROUND TRACK AFTER PAVING IS COMPLETE.
5. CONTRACTOR TO INSTALL FIELD ITEMS (LONG JUMP RUNWAYS, POLE VAULT RUNWAYS, HIGH JUMP PAD, AND THROWING PADS, ETC.) AS SHOWN ON THE PLANS.
6. SELF-INSPECTIONS FOR EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1-INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED. ALL E&SC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING.
7. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS. ALL SLOPES MUST BE SEEDED AND MULCHED WITHIN DAYS. REFER TO EROSION CONTROL ORDINANCE FOR ADDITIONAL REQUIREMENTS.
8. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES.
9. STABILIZE THE SITE AS AREAS ARE BROUGHT UP TO FINISHED GRADE.
10. AFTER FINAL SITE STABILIZATION OCCURS, COORDINATE WITH THE INSPECTOR PRIOR TO REMOVAL OF EROSION CONTROL MEASURES.
11. WHEN THE PROJECT IS COMPLETE, THE PERMITTEE SHALL CONTACT DEMLR TO CLOSE OUT THE E&SC PLAN. SUBMIT NOTICE OF TERMINATION (NOT) TO GASTON COUNTY AND NCDEQ, AS APPROPRIATE.

STREAM/WETLANDS NOTES:

1. JURISDICTIONAL STREAMS AND WETLANDS HAVE NOT BEEN LOCATED ON THE SITE.
2. NO DISTURBANCE OF JURISDICTIONAL STREAMS OR WETLANDS ARE PROPOSED FOR THIS PROJECT.

DEWATERING OPERATION:

1. DEWATERING MAY BE NECESSARY IN THE EXCAVATION AREAS (E.G. SUBGRADE AREAS). THE CONTRACTOR SHALL FURNISH, INSTALL, OPERATE, AND MAINTAIN ANY PUMPING EQUIPMENT, ETC. NEEDED FOR REMOVAL OF WATER FROM VARIOUS PARTS OF THE SITE.
2. DURING PLACEMENT OF FILL WITHIN THESE AREAS, THE CONTRACTOR SHALL KEEP THE WATER LEVEL BELOW THE BOTTOM OF THE EXCAVATION / CONSTRUCTION AREAS. THE MANNER IN WHICH THE WATER IS REMOVED SHALL BE SUCH THAT THE EXCAVATION BOTTOM AND SIDE SLOPES ARE STABLE, WITH NO SEDIMENT DISCHARGED FROM THE SITE (I.E. PUMPED WATER MAY NEED TO BE DIRECTED TO AN APPROVED EROSION CONTROL DEVICE PRIOR TO DISCHARGE).
3. DEWATERING OPERATION MAY NOT OCCUR DURING PERIODS OF HEAVY PRECIPITATION.
4. PUMPS MUST DISCHARGE INTO FILTER BAGS THAT DISCHARGE INTO A WELL VEGETATED AREA.
5. PUMPS MUST NOT DISCHARGE INTO STORM DRAINS OR WATERWAYS AND MUST BE A MINIMUM OF 50-FEET FROM STORM INLETS.
6. ACCUMULATED SEDIMENT FROM FILTER BAGS MUST BE DISPOSED OF IN AN APPROVED MANNER.
7. SEE SEDIMENT FILTER BAG DETAIL ON SHEET C205 FOR ADDITIONAL INFORMATION.

TRACK PROTECTION NOTE:

CONTRACTOR MUST PROTECT AND MAINTAIN ALL TRACK SURFACING ON THE FINISHED TRACK OVAL. METHODS OF TRACK PROTECTION TO BE DETERMINED BY THE CONTRACTOR. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

TOTAL DENUDED AREA = 4.5 ACRES

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NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW G. ROPER
3-9-26

ROPER CIVIL ENGINEERING CORPORATE SEAL P-1266 NORTH CAROLINA

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS
DATE: 3-9-26
SHEET NAME: GENERAL AND EROSION CONTROL NOTES
SHEET NO: C200

LEGEND:

- EXISTING PROPERTY LINE
- EXISTING CONTOUR
- EXISTING STORM PIPE
- EXISTING DRAIN INLET
- LD — PROPOSED LIMITS OF DISTURBANCE
- SF — SF — PROPOSED TEMPORARY SILT FENCE
- PROPOSED INLET PROTECTION
- PROPOSED SILT BAG

EROSION CONTROL MAINTENANCE:

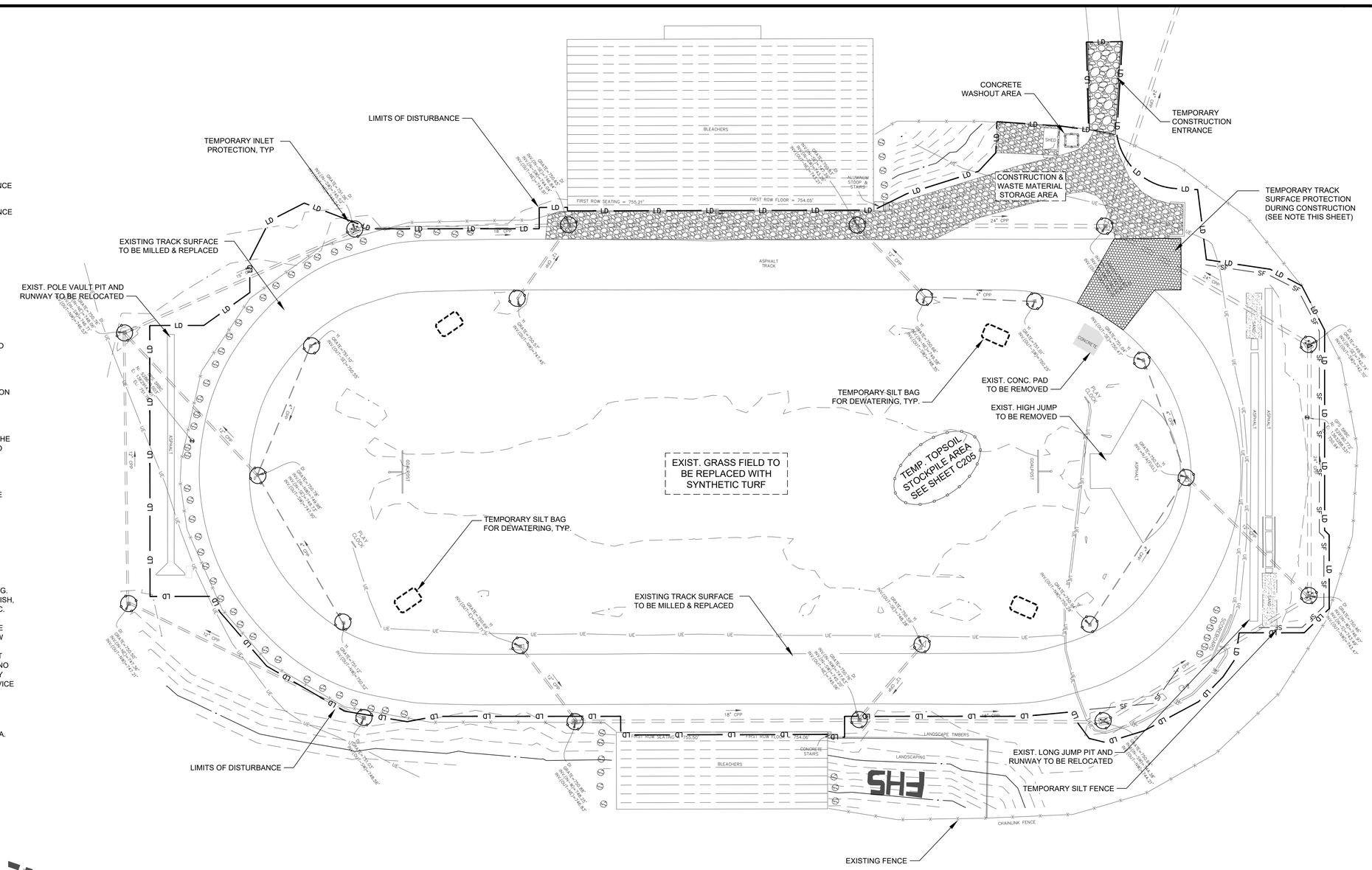
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2. SEDIMENT COLLECTED BEHIND INLET PROTECTION SHALL BE CLEANED OUT BEFORE THE SEDIMENT REACHES AN ELEVATION WITHIN 6-INCHES OF THE OVERFLOW. PLACE THE REMOVED SEDIMENT IN THE STOCKPILE AREA.
3. SEDIMENT SHALL BE CLEANED OUT FROM BEHIND THE SEDIMENT FENCES BEFORE IT REACHES 6-INCHES DEEP AT THE FENCE. THE FENCING SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A FUNCTIONING BARRIER. PLACE THE REMOVED SEDIMENT IN THE STOCKPILE AREAS.
4. SLOPES THAT ARE FLATTER THAN 3:1, WITHIN 14 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING, SHALL BE PROVIDED WITH GROUNDCOVER.
5. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED, AND MULCHED AS NECESSARY TO MAINTAIN DENSE VEGETATED COVER.

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WETLANDS NOTE:

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GROUND STABILIZATION		
SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
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HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HQW ZONES)

TOTAL DENUDED AREA = 4.5 ACRES

GENERAL NOTES:

1. THE INSTALLATION OF UTILITIES (CABLE, ELECTRICAL, NATURAL GAS, WATER, SEWER, ETC.) ARE TO BE WITHIN THE PERMITTED LIMITS OF DISTURBANCE AND ANY PROPOSED INSTALLATION OUTSIDE OF THESE AREAS WILL REQUIRE A PLAN MODIFICATION TO THE PERMIT BEFORE SAID WORK IS DONE.
2. THE LOCATION OF ANY POSSIBLE STOCKPILES, OFFSITE MATERIAL, WASTE, BORROW, OR CONSTRUCTION EQUIPMENT STORAGE / LAYDOWN AREAS SHALL BE WITHIN THE LIMITS OF DISTURBANCE, ALONG WITH ADEQUATE SEDIMENT AND EROSION CONTROL MEASURES.

EARTHWORK AND DISPOSAL NOTE:

ANY OFF-SITE BORROW AND/OR WASTE REQUIRED FOR THE PROJECT MUST COME FROM A SITE WITH AN APPROVED EROSION CONTROL PLAN, A SITE REGULATED UNDER THE MINING ACT OF 1971, OR A LANDFILL REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT. TRASH OR DEBRIS FROM DEMOLITION ACTIVITIES OR GENERATED BY ANY ACTIVITIES ON SITE MUST BE DISPOSED OF AT A FACILITY REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT OR DIVISION OF WATER RESOURCES RULES AND REGULATIONS.

TRACK PROTECTION NOTE:

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North Carolina 811 www.nc811.org

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3-9-26

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REVISIONS:

OWNER:
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943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK

5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 3-9-26
SHEET NAME: PHASE 1 EROSION CONTROL PLAN
SHEET NO: C201

LEGEND:

- EXISTING PROPERTY LINE
- EXISTING CONTOUR
- EXISTING STORM PIPE
- EXISTING DRAIN INLET
- LD — PROPOSED LIMITS OF DISTURBANCE
- SF — SF — PROPOSED TEMPORARY SILT FENCE
- PROPOSED INLET PROTECTION
- PROPOSED SILT BAG

EROSION CONTROL MAINTENANCE:

1. CHECK ALL EROSION AND SEDIMENT CONTROL MEASURES FOLLOWING EVERY RUNOFF PRODUCING RAIN EVENT, BUT NO LESS THAN ONCE A WEEK. ANY REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED.
2. SEDIMENT COLLECTED BEHIND INLET PROTECTION SHALL BE CLEANED OUT BEFORE THE SEDIMENT REACHES AN ELEVATION WITHIN 6-INCHES OF THE OVERFLOW. PLACE THE REMOVED SEDIMENT IN THE STOCKPILE AREA.
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TOTAL DENUDED AREA = 4.5 ACRES



GENERAL NOTES:

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1 inch = 30 ft.

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NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW G. ROPER
3-9-26

ROPER CIVIL ENGINEERING, PLLC CORPORATE SEAL P-1266 NORTH CAROLINA

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 3-9-26
SHEET NAME: PHASE 1 EROSION CONTROL PLAN
SHEET NO: C202

LEGEND:

- EXISTING PROPERTY LINE
- EXISTING CONTOUR
- EXISTING STORM PIPE
- EXISTING DRAIN INLET
- LD — PROPOSED LIMITS OF DISTURBANCE
- SF — SF — PROPOSED TEMPORARY SILT FENCE
- PROPOSED INLET PROTECTION
- PROPOSED SILT BAG

EROSION CONTROL MAINTENANCE:

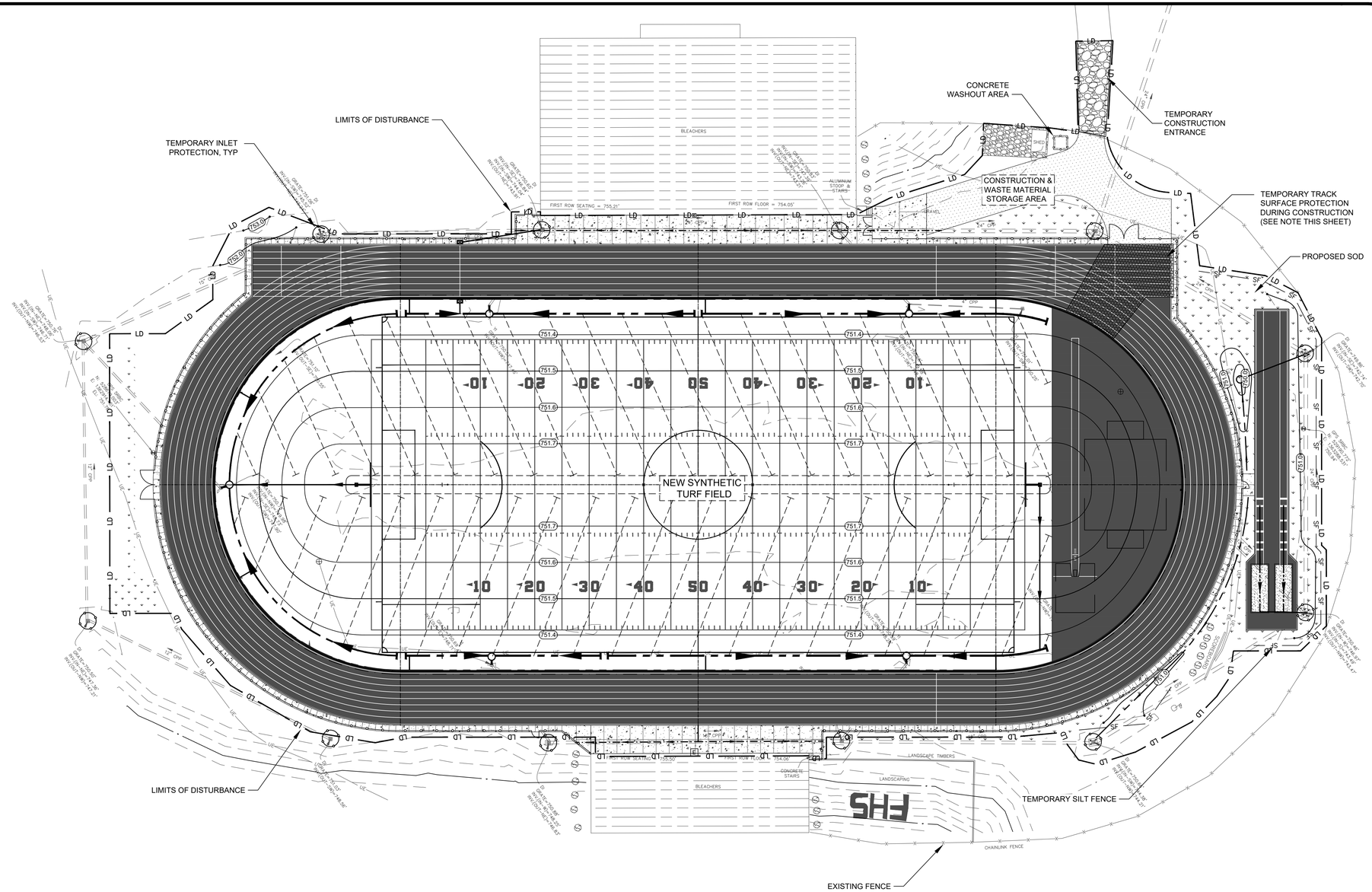
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TOTAL DENUDED AREA = 4.5 ACRES

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FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 3-9-26
SHEET NAME: PHASE 2 EROSION CONTROL PLAN
SHEET NO: C203

LEGEND:

- EXISTING PROPERTY LINE
- EXISTING CONTOUR
- EXISTING STORM PIPE
- EXISTING DRAIN INLET
- LD — PROPOSED LIMITS OF DISTURBANCE
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HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HQW ZONES)

TOTAL DENUDED AREA = 4.5 ACRES



GENERAL NOTES:

1. THE INSTALLATION OF UTILITIES (CABLE, ELECTRICAL, NATURAL GAS, WATER, SEWER, ETC.) ARE TO BE WITHIN THE PERMITTED LIMITS OF DISTURBANCE AND ANY PROPOSED INSTALLATION OUTSIDE OF THESE AREAS WILL REQUIRE A PLAN MODIFICATION TO THE PERMIT BEFORE SAID WORK IS DONE.
2. THE LOCATION OF ANY POSSIBLE STOCKPILES, OFFSITE MATERIAL, WASTE, BORROW, OR CONSTRUCTION EQUIPMENT STORAGE / LAYDOWN AREAS SHALL BE WITHIN THE LIMITS OF DISTURBANCE, ALONG WITH ADEQUATE SEDIMENT AND EROSION CONTROL MEASURES.

EARTHWORK AND DISPOSAL NOTE:

ANY OFF-SITE BORROW AND/OR WASTE REQUIRED FOR THE PROJECT MUST COME FROM A SITE WITH AN APPROVED EROSION CONTROL PLAN, A SITE REGULATED UNDER THE MINING ACT OF 1971, OR A LANDFILL REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT. TRASH OR DEBRIS FROM DEMOLITION ACTIVITIES OR GENERATED BY ANY ACTIVITIES ON SITE MUST BE DISPOSED OF AT A FACILITY REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT OR DIVISION OF WATER RESOURCES RULES AND REGULATIONS.

TRACK PROTECTION NOTE:

CONTRACTOR MUST PROTECT AND MAINTAIN ALL TRACK SURFACING ON THE FINISHED TRACK OVAL. METHODS OF TRACK PROTECTION TO BE DETERMINED BY THE CONTRACTOR. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

North Carolina 811 www.nc811.org

CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

ROPER CIVIL ENGINEERING
3007 Hinsdale Street
Charlotte, NC 28210
(T) 704.582.3751

NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW G. ROPER
3-9-26

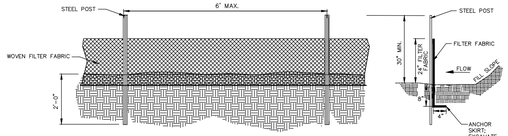
ROPER CIVIL ENGINEERING CORPORATE SEAL P-1266 NORTH CAROLINA

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 3-9-26
SHEET NAME: PHASE 2 EROSION CONTROL PLAN
SHEET NO: C204



GENERAL NOTES:

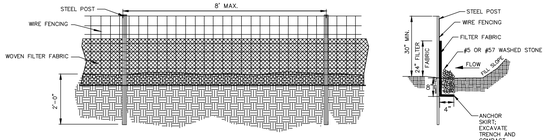
1. WOVEN FILTER FABRIC BE USED WHERE SILT FENCE IS TO REMAIN FOR A PERIOD OF MORE THAN 30 DAYS.
2. STEEL POSTS SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
3. TURN SILT FENCE UP SLOPE AT ENDS.
4. ORANGE SAFETY FENCE IS REQUIRED AT BACK OF SILT FENCE WHEN GRADING IS ADJACENT TO SWIM BUFFERS, STREAMS OR WETLANDS (REFER TO SWIM BUFFER GUIDELINES). THE COLOR ORANGE IS RESERVED FOR VISUAL IDENTIFICATION OF ENVIRONMENTALLY SENSITIVE AREAS.
5. DRAINAGE AREA CAN NOT BE GREATER THAN 1/4 ACRE PER 100 FT OF FENCE.
6. SLOPE LENGTHS CAN NOT EXCEED CRITERIA SHOWN IN TABLE 6.62A NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
7. DO NOT INSTALL SEDIMENT FENCE ACROSS STREAMS, DITCHES, WATERWAYS OR OTHER AREAS OF CONCENTRATED FLOW.

MAINTENANCE NOTES:

1. FILTER BARRIERS SHALL BE INSPECTED BY THE FINANCIALLY RESPONSIBLE PARTY OR HIS AGENT IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS NEEDED SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL IS NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
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 EXISTING GRADE, PREPARED AND SEEDED.

1 TEMPORARY SILT FENCE

NOT TO SCALE



GENERAL NOTES:

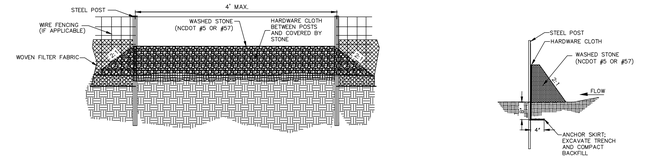
1. WIRE FENCING SHALL BE A MINIMUM OF .32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
2. WOVEN FILTER FABRIC BE USED WHERE SILT FENCE IS TO REMAIN FOR A PERIOD OF MORE THAN 30 DAYS.
3. STEEL POSTS SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
4. WIRE FENCING SHALL BE AT LEAST #10 GAGE WITH A MINIMUM OF 6 LINE WIRES WITH 6" STAY SPACING.
5. TURN SILT FENCE UP SLOPE AT ENDS.
6. WIRE AND WASHED STONE IS REQUIRED TO BE SHOWN ON PLANS AT THE TOE OF SLOPES GREATER THAN 10 FEET VERTICAL (2:1 SLOPE)
7. ORANGE SAFETY FENCE IS REQUIRED AT BACK OF SILT FENCE WHEN GRADING IS ADJACENT TO SWIM BUFFERS, STREAMS OR WETLANDS (REFER TO SWIM BUFFER GUIDELINES). THE COLOR ORANGE IS RESERVED FOR VISUAL IDENTIFICATION OF ENVIRONMENTALLY SENSITIVE AREAS.
8. DRAINAGE AREA CAN NOT BE GREATER THAN 1/4 ACRE PER 100 FT OF FENCE.
9. SLOPE LENGTHS CAN NOT EXCEED CRITERIA SHOWN IN TABLE 6.62A NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.
10. DO NOT INSTALL SEDIMENT FENCE ACROSS STREAMS, DITCHES, WATERWAYS OR OTHER AREAS OF CONCENTRATED FLOW.

MAINTENANCE NOTES:

1. FILTER BARRIERS SHALL BE INSPECTED BY THE FINANCIALLY RESPONSIBLE PARTY OR HIS AGENT IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS NEEDED SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL IS NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN DEPOSITS REACH 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 EXISTING GRADE, PREPARED AND SEEDED.

2 TEMPORARY HIGH HAZARD SILT FENCE

NOT TO SCALE



GENERAL NOTES:

1. SEDIMENT FILTER OUTLET AND HARDWARE CLOTH SHALL BE 16 INCHES HIGH BUT NO TALLER THAN 18 INCHES.
2. HARDWARE CLOTH SHALL BE ANCHORED TO THE STEEL POSTS SECURELY USING APPROPRIATE ANCHORS. HARDWARE CLOTH SHALL BE KEYED IN A MINIMUM OF 12 INCHES IN LENGTH AND BACKFILLED PROPERLY AS SHOWN IN ABOVE DETAIL. HARDWARE CLOTH TO BE SAME AS STD. #30.09 (19 GAUGE, 1/4" SPACING).
3. POSTS SHALL BE NO MORE THAN 4 FEET APART.
4. SITE OUTLETS AT ANY POINT SMALL CONCENTRATED FLOWS ARE ANTICIPATED AND AT THE DIRECTION OF THE INSPECTOR.

MAINTENANCE NOTES:

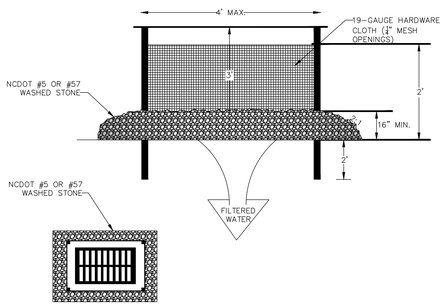
1. FILTER OUTLETS SHALL BE INSPECTED BY THE FINANCIALLY RESPONSIBLE PARTY OR HIS AGENT IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS NEEDED SHALL BE MADE IMMEDIATELY.
2. THE STONE SHALL BE REPLACED PROMPTLY AFTER ANY EVENT THAT HAS CLOGGED OR REMOVED IT.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN DEPOSITS REACH HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OUTLET IS REMOVED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

3 SILT FENCE ROCK OUTLET

NOT TO SCALE

GENERAL NOTES:

1. UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
2. DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART.
3. SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACING A 2-FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING IS RECOMMENDED.
4. PLACE CLEAN GRAVEL (NC DOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE, AND SMOOTH TO AN EVEN GRADE.
5. ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS.
6. COMPACT THE AREA PROPERLY AND STABILIZED IT WITH GROUNDCOVER.

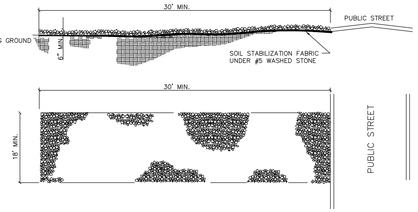


4 HARDWARE CLOTH AND GRAVEL INLET PROTECTION

NOT TO SCALE

NOTES:

1. A STABILIZED ENTRANCE PAD OF #5 WASHED STONE AND RAILROAD BALLAST SHALL BE LOCATED WHERE TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET.
2. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE SHALL BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
4. ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY. ANY AGGREGATE TRACKED INTO THE ROADWAY MUST BE SWEPT BACK ONSITE ON A NIGHTLY BASIS.
5. WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN.

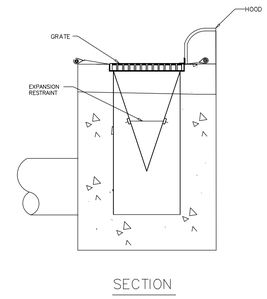


5 STABILIZED CONSTRUCTION ENTRANCE

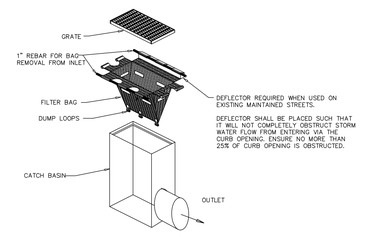
NOT TO SCALE

NOTES:

1. INLET MAINTENANCE SHALL BE DOCUMENTED IN PROJECT LOG BOOK.
2. FILTER TYPES SHALL BE APPROVED BY THE CITY INSPECTOR PRIOR TO INSTALLATION.
3. FILTER BAGS MAY BE REMOVED WHEN SITE IS STABILIZED AT THE DIRECTION OF THE ENGINEER.
4. FILTER BAGS SHALL BE REMOVED PRIOR TO STREET ACCEPTANCE AND/OR CLOSE OUT OF GRADING PERMIT.
5. FILTER BAGS SHALL BE CLEANED OR REPLACED ON A REGULAR BASIS (NOT BE MORE THAN HALF FULL AT ANY TIME).
6. FILTER BAGS MAY BE INSTALLED IN EXISTING CITY OR NCDOT ROADS AS LONG AS STORM DRAINAGE IS NOT IMPEDED.



SECTION



INSTALLATION

6 CATCH BASIN INLET PROTECTION

NOT TO SCALE

FOR LATE WINTER AND EARLY SPRING:

SEEDING MIXTURE:
RYE (GRAIN) – 120 LB/ACRE
ANNUAL LESPEDEZA (KOBE) – 50 LB/ACRE
(OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE)

SEEDING DATES:
JAN. 1 – MAY 1

SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER

MULCH:
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL

MAINTENANCE:
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE

FOR SUMMER:

SEEDING MIXTURE:
GERMAN MILLET – 40 LB/ACRE
(A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE)

SEEDING DATES:
MAY 1 – AUG. 15

SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER

MULCH:
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL

MAINTENANCE:
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE

FOR FALL:

SEEDING MIXTURE:
RYE (GRAIN) – 120 LB/ACRE

SEEDING DATES:
AUG. 15 – DEC 30

SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1,000 LB/ACRE 10-10-10 FERTILIZER

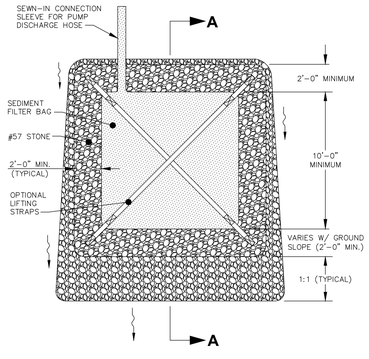
MULCH:
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL

MAINTENANCE:
REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. 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 KOBE LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

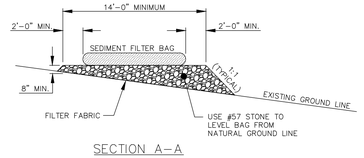
FOR ADDITIONAL INFORMATION, REFER TO NCDEQ EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (ESCPDM), SECTION 6.10. FOR PERMANENT SEEDING SPECIFICATIONS, INCLUDING SEED BED PREP, SEASONAL LIMITATIONS FOR SEEDING OPERATIONS, THE KINDS OF GRADES OF FERTILIZERS, THE KINDS OF SEED, AND THE RATES OF APPLICATION OF LIMESTONE, FERTILIZER, AND SEED, REFER TO NCDEQ ESCPDM SECTION 6.11

7 TEMPORARY SEEDING SCHEDULE

NOT TO SCALE



PLAN VIEW



SECTION A-A

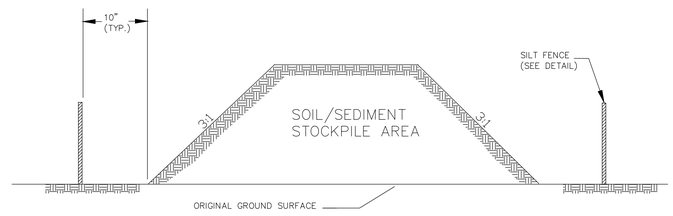
SEDIMENT FILTER BAG GENERAL NOTES:

1. CONTRACTOR SHALL EXERCISE CAUTION NOT TO BURST OR DAMAGE THE SEDIMENT FILTER BAG WHEN PUMPING.
2. THE LENGTH AND WIDTH OF THE TEMPORARY SEDIMENT BAG SHOWN ON THIS DRAWING MAY VARY PER VENDOR SPECIFICATIONS. THE MINIMUM "FOOTPRINT" OF THE BAG SHALL BE 10 x 15 FEET.
3. SEDIMENT FILTER BAGS SHALL BE EQUIPPED WITH A SEWN-IN SLEEVE OF SUFFICIENT SIZE TO ACCEPT A MINIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE DISCHARGE HOSE SHOULD BE EXTENDED INTO THIS SLEEVE A MINIMUM OF 6 INCHES AND BE TIGHTLY SECURED WITH A HOSE CLAMP OR OTHER SUITABLE MEANS TO PREVENT LEAKAGE. HOSE CONNECTION THROUGH A SLIT IN THE BAG WILL NOT BE ACCEPTABLE.
4. THE PUMP DISCHARGE HOSE CONNECTION SLEEVE SHALL BE SECURELY TIED OFF DURING DISPOSAL OF THE SEDIMENT FILTER BAG IN ORDER TO PREVENT LEAKAGE OF COLLECTED SEDIMENTS.
5. SEDIMENT FILTER BAG SHALL BE MAINTAINED AND REPLACED WHEN ONE HALF FULL OF SEDIMENT OR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

8 SILT BAG

NOT TO SCALE

TEMPORARY STOCKPILE AREA



NOTES:

1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOPE THE SILT FENCE IS TO EXTEND ALONG CONTOURS OF THE DOWN-GRADIENT AREA.
2. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS EITHER BEEN REMOVED OR PERMANENTLY STABILIZED.
4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

9 TEMPORARY STOCKPILE AREA

NOT TO SCALE

ROPER CIVIL ENGINEERING
3007 Hinsdale Street
Charlotte, NC 28210
(T) 704.582.3751

NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW G. ROPER
3-9-26

ROPER CIVIL ENGINEERING CORPORATE SEAL P-1266 NORTH CAROLINA

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK

5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS

DATE: 3-9-26

SHEET NAME:
EROSION CONTROL DETAILS

SHEET NO:
C205

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 delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

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

Note: After the permanent cessation of construction activities, any areas with temporary 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:

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

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. 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 offsite.
5. Store flocculants 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.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. 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.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

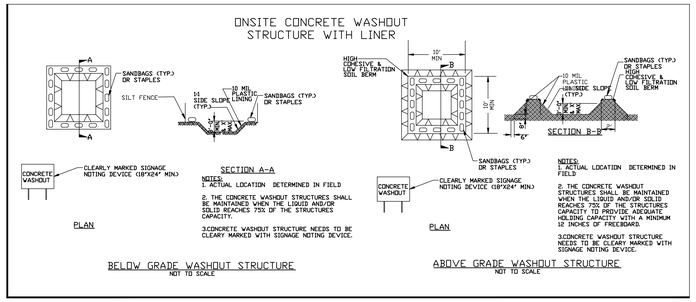
1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, 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

1. 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.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. 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 with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. 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 available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. 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.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. 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 lot perimeter silt fence.
4. 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.
5. 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.
7. 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.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. 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 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

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. 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 accidental poisoning.
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

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

ROPER CIVIL ENGINEERING
3007 Hinsdale Street
Charlotte, NC 28210
(T) 704.582.3751

NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW G. ROPER
3-9-26

ROPER CIVIL ENGINEERING CORPORATE SEAL P-1266 NORTH CAROLINA

REVISIONS:

OWNER: GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS

DATE: 3-9-26

SHEET NAME: EROSION CONTROL DETAILS

SHEET NO: C206

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

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.

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 or 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 as "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 (SDOs)	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.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

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	Documentation Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial 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.	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.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date 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.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	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 corrective action.

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

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

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

(b) Oil spills if:
- 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).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (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.

2. Reporting Timeframes and Other Requirements

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 reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• ***Within 24 hours***, an oral or electronic notification. • ***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 case-by-case basis. • 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 determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(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 spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	• ***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 effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(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 122.41(l)(7)]	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6). • Division staff may waive the requirement for a written report on a case-by-case basis.

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,
(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,
(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
(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.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

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3007 Hinsdale Street
Charlotte, NC 28210
(T) 704.582.3751

NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW G. ROPER
3-9-26

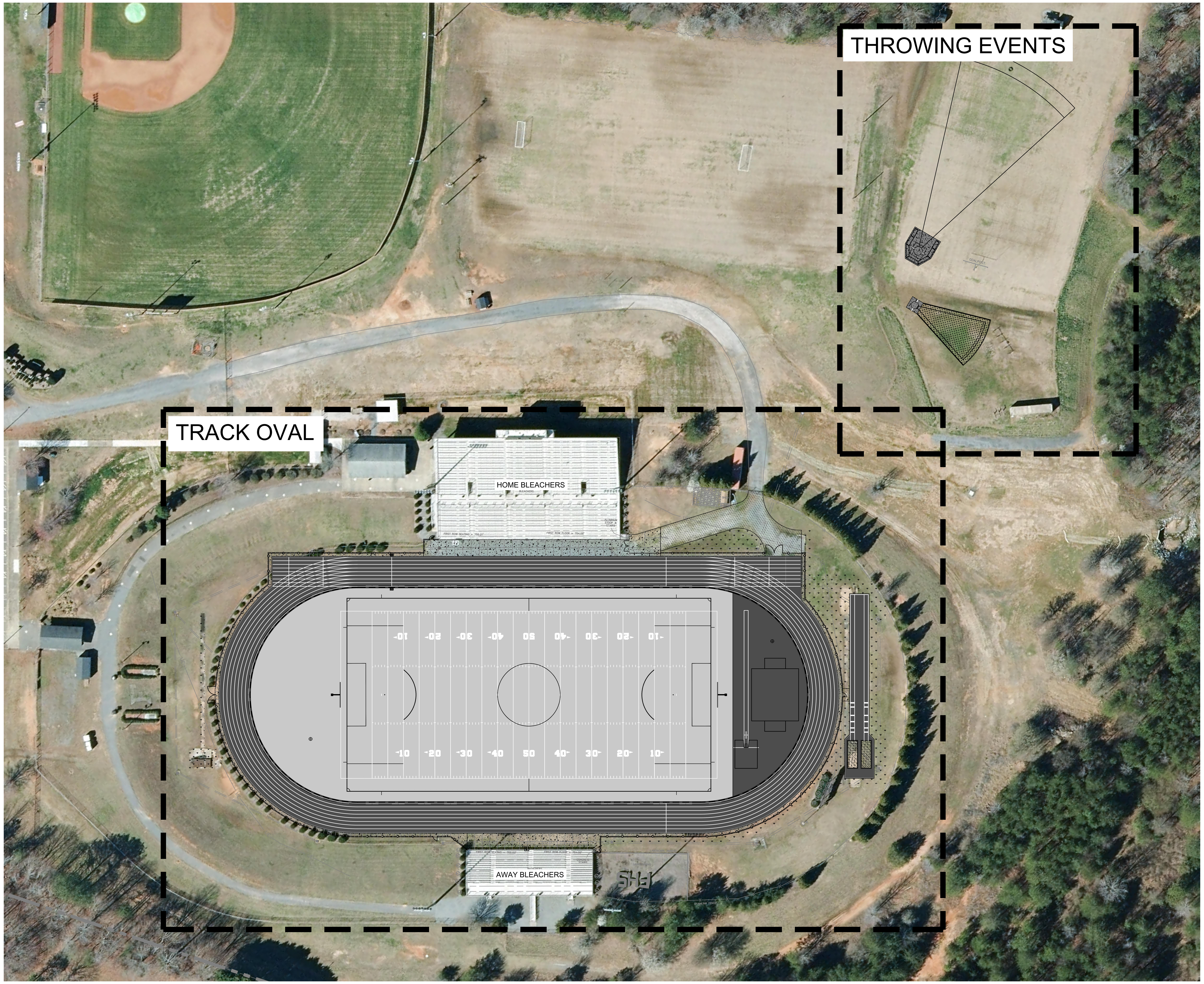
ROPER CIVIL ENGINEERING CORPORATE SEAL P-1266 NORTH CAROLINA

REVISIONS:

OWNER: GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS
DATE: 3-9-26
SHEET NAME: EROSION CONTROL DETAILS
SHEET NO: C207



OVERALL KEY PLAN

North Carolina 811
www.nc811.org

CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED.
CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL".
REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

N

GRAPHIC SCALE
50 0 25 50 100
1 inch = 50 ft.

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL T. DODD

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 50'-0"
DATE: 03-09-26
SHEET NAME:
OVERALL KEY PLAN
SHEET NO:
L100

LAYOUT NOTES

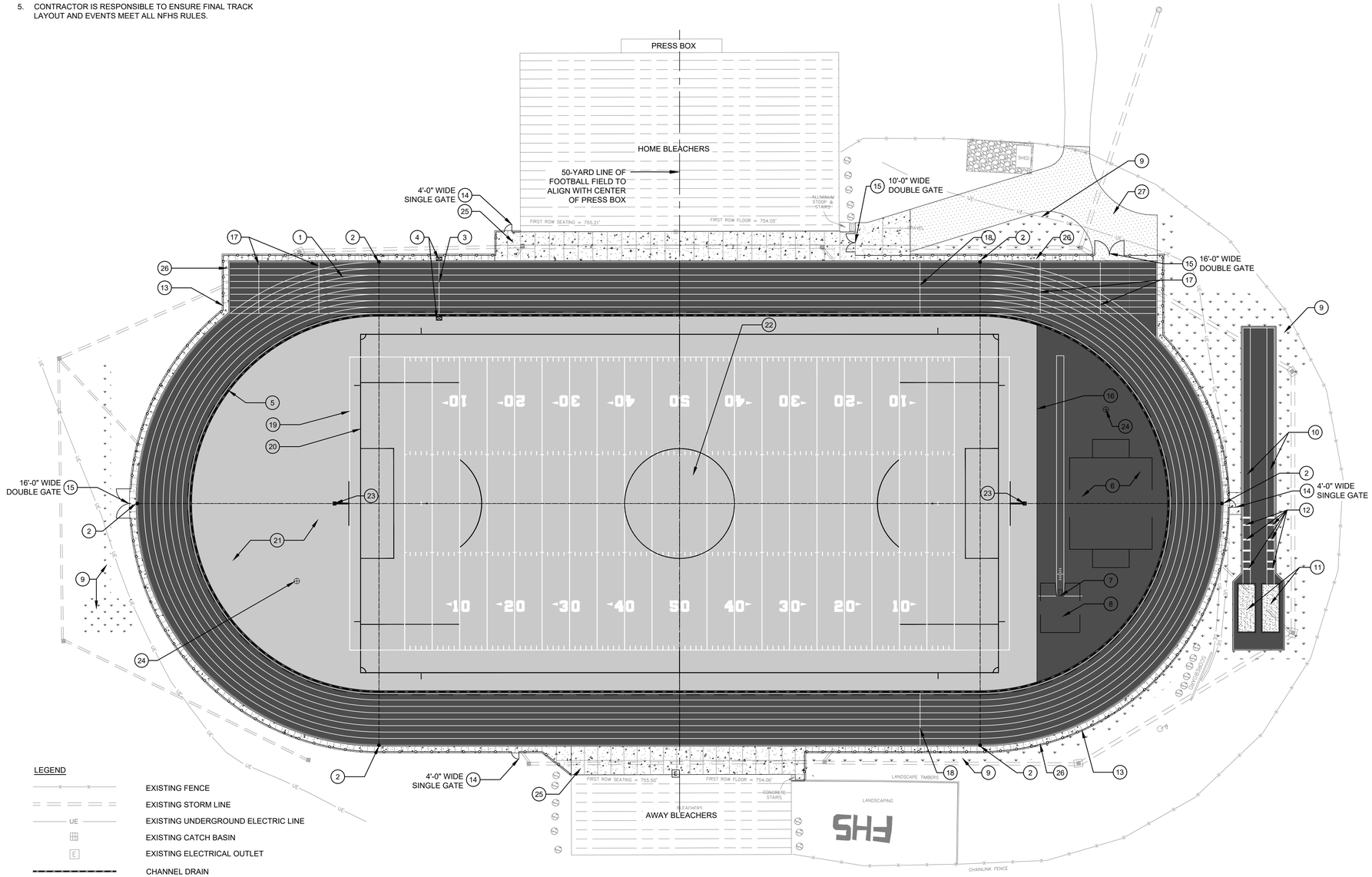
1. SHOULD ANY DISCREPANCIES BE FOUND IN THE FIELD THE CONTRACTOR SHALL CONTACT THE OWNER AND LANDSCAPE ARCHITECT/SPORT FIELD DESIGNER PRIOR TO PROCEEDING.
2. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REGULATOR AUTHORITIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE THE CONSTRUCTION LIMITS.
4. ALL PAPER DRAWINGS AND PDF's ARE REPRODUCTIONS AND ARE SUBJECT TO DISTORTION.
5. CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE AND CLEAN MANNER.
6. STAKE LAYOUT PRIOR TO CONSTRUCTION. VERIFY LOCATIONS WITH LANDSCAPE ARCHITECT OR OWNER.
7. REFER TO SPECIFICATIONS FOR DETAILED SHOP DRAWING/SUBMITTAL PROCEDURES.
8. EROSION CONTROL MEASURES BY CONTRACTOR AS NEEDED.

CONSTRUCTION NOTES

1. NEW TRACK OVAL WITH ACO CHANNEL DRAIN, CONSTRUCT PER DETAIL 1/D100
2. CONSTRUCT RADIUS POINT PER DETAIL 3/D100
3. COMMON FINISH LINE 10 METERS AWAY FROM POINT OF CURVATURE (POC), SEE L103
4. PROVIDE 2 COMBOXES WITH 2 x 2" SCH 80 CONDUITS CONNECTING ALL COMBOXES, 1 CONDUIT LOCATED IN EACH SIDE OF THE DIVIDER. RUN POWER TO ALL COMBOXES, 20 AMP CIRCUIT WITH GFCI DUPLEX OUTLET IN WEATHER PROOF HOUSING IN EACH COMBOX PER DETAIL 6/D104 & 7/D104
5. ACO 4010 CHANNEL DRAIN PER DETAILS 6/D100 & 7/D100
6. HIGH JUMP AREA WITH MOVEABLE LANDING PAD AND NO PAINTED LINES PER DETAIL 2/D102
7. CONSTRUCT POLE VAULT BOX PER DETAILS 3/D102, 4/D102, & 6/D102
8. POLE VAULT LANDING AREA
9. SOD PER DETAIL 5/D100
10. LONG/TRIPLE JUMP RUNWAY PER DETAIL 1/D101
11. NEW SAND PIT PER DETAILS 2/D101 & 4/D101
12. CONSTRUCT TAKE-OFF BOARDS FOR LONG JUMP PER DETAIL 3/D101
13. CHAIN LINK FENCING PER DETAILS 1/D107
14. CHAIN LINK SINGLE GATE PER DETAIL 2/D107
15. CHAIN LINK DOUBLE GATE PER DETAIL 3/D107
16. CONCRETE CURB D-AREA PER DETAIL 1/D102
17. STARTING LINE
18. REVERSE FINISH LINE
19. FOOTBALL FIELD LAYOUT PER DETAIL 4/D105
20. SOCCER FIELD LAYOUT PER DETAIL 4/D106
21. SYNTHETIC TURF PER DETAIL 1/D104
22. FIELD GRAPHIC PER DETAIL 1/D108
23. EXISTING FIELD GOAL POST IN NEW CONCRETE FOOTER PER DETAIL 8/D105
24. RE-INSTALL EXISTING PLAY CLOCK (WITH POWER AS INDICATED ON U100)
25. HEAVY DUTY CONCRETE PAVING PER DETAIL 5/D102
26. CONCRETE APRON PER DETAIL 5/D107
27. ASPHALT PAVING PER DETAIL 6/D101

TRACK NOTES

1. SHOP DRAWINGS REQUIRED FOR TRACK LAYOUT AND EVENTS IN FULL COLOR FOR OWNER, DESIGNER AND TRACK CONSULTANT APPROVALS.
2. ALL MATERIAL COLORS SHALL BE APPROVED BY THE OWNER.
3. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE PROPERLY (SEE CIVIL DEMOLITION PLAN)
4. CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN THE CONSTRUCTION PROJECT AND THE EXISTING CONDITIONS.
5. CONTRACTOR IS RESPONSIBLE TO ENSURE FINAL TRACK LAYOUT AND EVENTS MEET ALL NFHS RULES.



LEGEND

- EXISTING FENCE
- EXISTING STORM LINE
- UE — EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING CATCH BASIN
- E — EXISTING ELECTRICAL OUTLET
- CHANNEL DRAIN
- FENCE
- PLAY CLOCK

- PROPOSED SYNTHETIC TURF
- ASPHALT PAVING
- SOD
- PROPOSED TRACK SURFACE
- PROPOSED CONCRETE
- PROPOSED SAND

North Carolina 811 www.nc811.org

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N

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 SEAL 3/9/26

NORTH CAROLINA FITFIELDS, PLLC COA# 389 CERTIFICATE OF AUTHORIZATION

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 03-09-26
SHEET NAME: TRACK OVAL LAYOUT PLAN
SHEET NO: L101

LAYOUT NOTES

1. SHOULD ANY DISCREPANCIES BE FOUND IN THE FIELD THE CONTRACTOR SHALL CONTACT THE OWNER AND LANDSCAPE ARCHITECT/SPORT FIELD DESIGNER PRIOR TO PROCEEDING.
2. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REGULATOR AUTHORITIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE THE CONSTRUCTION LIMITS.
4. ALL PAPER DRAWINGS AND PDFS ARE REPRODUCTIONS AND ARE SUBJECT TO DISTORTION.
5. CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE AND CLEAN MANNER.
6. STAKE LAYOUT PRIOR TO CONSTRUCTION. VERIFY LOCATIONS WITH LANDSCAPE ARCHITECT OR OWNER.
7. REFER TO SPECIFICATIONS FOR DETAILED SHOP DRAWING/SUBMITTAL PROCEDURES.
8. EROSION CONTROL MEASURES BY CONTRACTOR AS NEEDED.

DIMENSION NOTES

1. ALL DIMENSIONS ARE IN DECIMAL FEET.
2. RADIUS POINT DIMENSIONS ARE TO CENTER OF THE POINT.
3. THROWING CIRCLE DIMENSIONS ARE TO CENTER OF THE CIRCLE.
4. THROWING CIRCLE ANGLES ARE TO RADIAL/CENTER LINES.
5. ALL OTHER DIMENSIONS ARE TO FACE OF CONCRETE.

FIELD EVENT NOTES

1. SHOP DRAWINGS REQUIRED FOR FIELD EVENTS LAYOUT IN FULL COLOR FOR OWNER, DESIGNER AND TRACK CONSULTANT APPROVALS.
2. ALL MATERIAL COLORS SHALL BE APPROVED BY THE OWNER.
3. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE PROPERLY (SEE CIVIL DEMOLITION PLAN)
4. CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN THE CONSTRUCTION PROJECT AND THE EXISTING CONDITIONS.
5. CONTRACTOR IS RESPONSIBLE TO ENSURE FINAL TRACK EVENTS MEET ALL NFHS RULES.

CONSTRUCTION NOTES

(28) SHOT PUT LANDING AREA PER DETAIL 1/D103

(29) CONSTRUCT SHOT PUT THROW CIRCLE PER DETAILS 3/D103 & 7/D103

(30) CONSTRUCT DISCUS THROW CIRCLE PER DETAILS 3/D103

(31) CONSTRUCT DISCUS CAGE PER DETAILS 2/D103 & 4/D103

SURFACING LEGEND

PROPOSED CONCRETE

PROPOSED SHOT PUT ROCK DUST

EXISTING NATURAL GRASS FIELD TO REMAIN AS IS

CONTRACTOR TO FIELD LOCATE THE DISCUS PAD AND THROWING AREA.

12' x 12' CONCRETE PAD SHALL BE LEVEL AND SURROUNDING CONCRETE SHALL SLOPE 0.5% AWAY FROM 12' x 12' PAD AND ADHERE TO NFHS RULES AND REGULATIONS

ALL FIELD LOCATIONS REQUIRE APPROVAL BY THE DESIGNER PRIOR TO CONSTRUCTION

SHOP DRAWINGS SHOWING GRADES AND LOCATIONS ARE REQUIRED.

ALL DISTURBED AREAS TO BE SODDED, SEE SOD REQUIREMENTS.



CONTRACTOR TO FIELD LOCATE THE SHOT PUT PAD AND THROWING AREA.

CONCRETE PAD SHALL BE LEVEL AND ADHERE TO NFHS RULES AND REGULATIONS

ALL FIELD LOCATIONS REQUIRE APPROVAL BY THE DESIGNER PRIOR TO CONSTRUCTION

SHOP DRAWINGS SHOWING GRADES AND LOCATIONS ARE REQUIRED.

ALL DISTURBED AREAS TO BE SODDED, SEE SOD REQUIREMENTS.

North Carolina 811
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N

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30 0 15 30 60
1 inch = 30 ft.

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL T. DODD
3.7.26

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION
FITFIELDS, PLLC
COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK

5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"

DATE: 03-09-26

SHEET NAME:
THROWING EVENTS LAYOUT AND DIMENSION PLAN

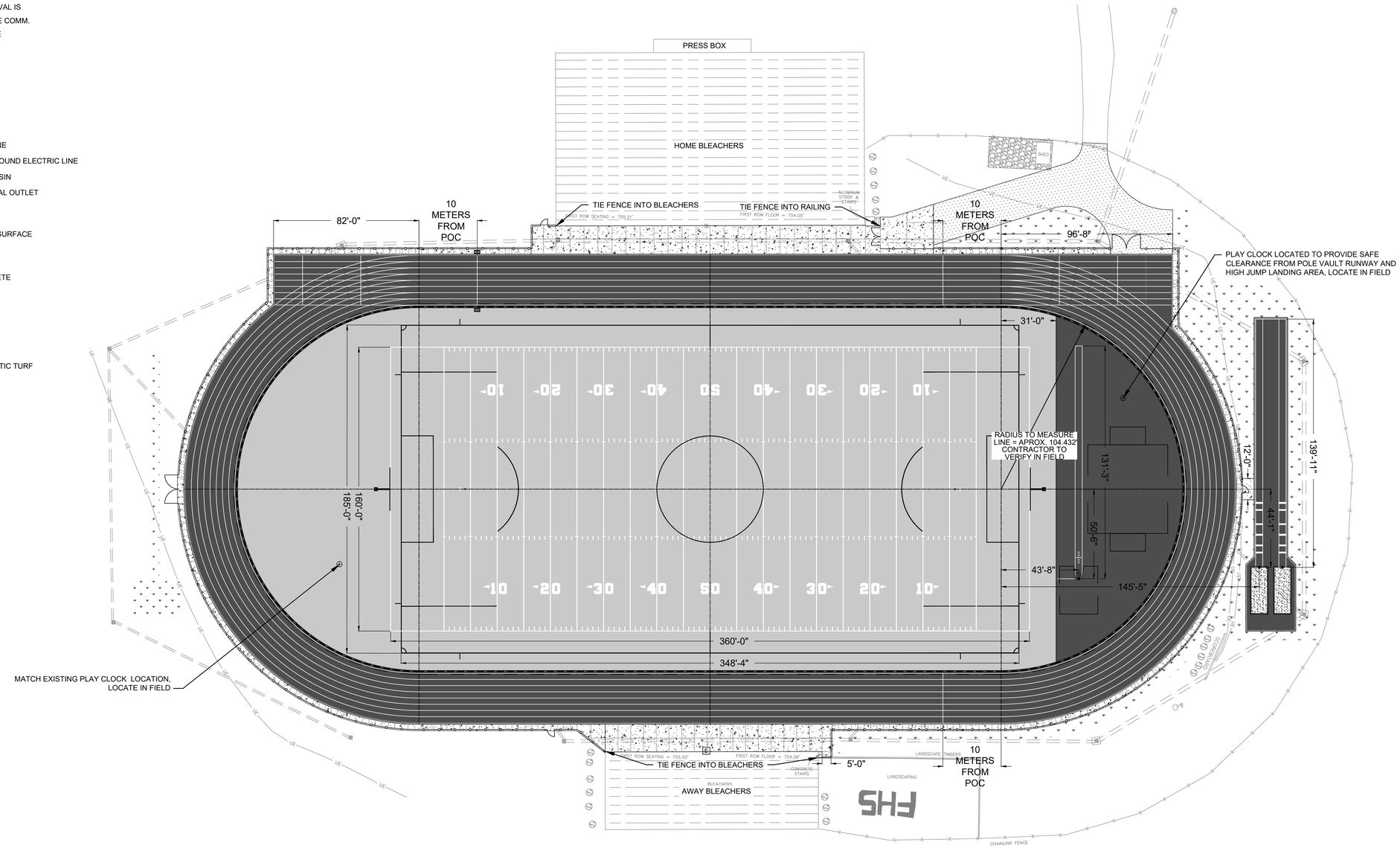
SHEET NO:
L102

DIMENSION NOTES

1. ALL DIMENSIONS ARE IN DECIMAL FEET.
2. LONG/TRIPLE JUMP SAND PIT DIMENSIONS ARE TO THE CENTER LEADING EDGE OF THE PIT.
3. POLE VAULT BOX DIMENSIONS ARE TO CENTER OF BACK EDGE OF THE VAULT BOX.
4. RADIUS POINT DIMENSIONS ARE TO CENTER OF THE POINT.
5. ALL OTHER DIMENSIONS ARE TO FACE OF CONCRETE.
6. REFER TO TRACK LAYOUT PLAN FOR PROPOSED SURFACES AND ADDITIONAL CALL OUTS.
7. THE COMM. BOX LOCATED OUTSIDE THE TRACK OVAL IS ADJACENT TO THE OUTSIDE TRACK CURB AND THE COMM. BOX INSIDE THE TRACK OVAL IS ADJACENT TO THE CHANNEL DRAIN.

SURFACING LEGEND

- EXISTING FENCE
- EXISTING STORM LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING CATCH BASIN
- EXISTING ELECTRICAL OUTLET
- PROPOSED TRACK SURFACE
- PROPOSED CONCRETE
- PROPOSED SAND
- PROPOSED SYNTHETIC TURF
- ASPHALT PAVING
- CHANNEL DRAIN
- FENCE
- PLAY CLOCK



North Carolina 811
www.nc811.org

CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 03-09-26
SHEET NAME: TRACK OVAL DIMENSION PLAN
SHEET NO: L103

GENERAL CONSTRUCTION NOTES

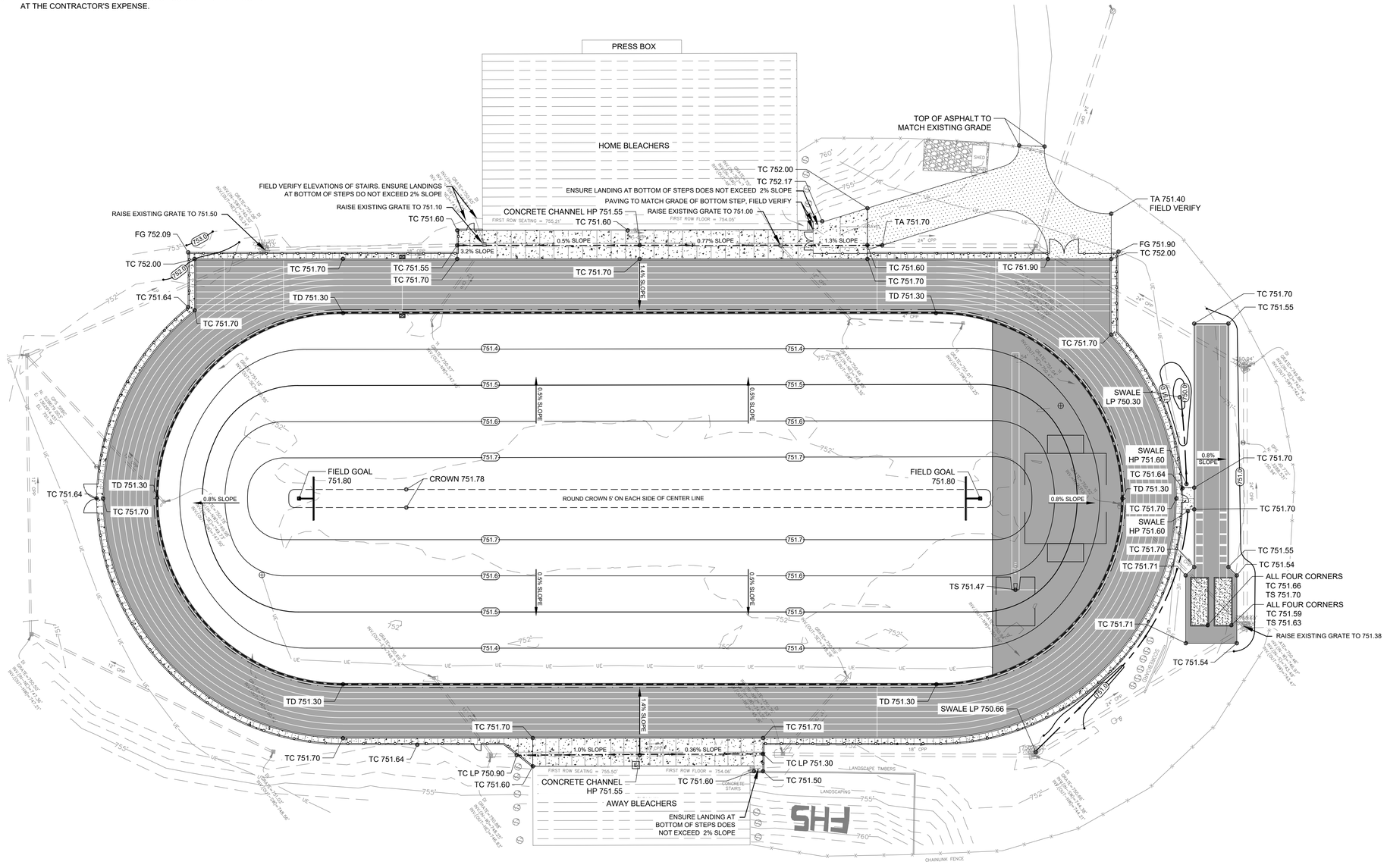
1. CONTRACTOR SHALL CALL NC 811 BEFORE DIGGING.
2. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE UNTIL PROJECT COMPLETION AND FINAL STABILIZATION.
3. ALL CONTRACTORS TO HAVE APPROPRIATE BUSINESS LICENSES FOR WORK AT HAND.
4. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
5. ALL CONTOURS AND SPOT ELEVATIONS TO REFLECT FINISHED GRADE.
6. ALL FILL FOR HARDSCAPE TO BE COMPACTED TO ASTM 95% COMPACTION UNLESS OTHERWISE DIRECTED.
7. ALL FILL FOR LANDSCAPE AREA TO BE COMPACTED TO ASTM 85% COMPACTION UNLESS OTHERWISE DIRECTED.
8. CONTRACTOR TO VERIFY POSITIVE DRAINAGE AND ADA ACCESSIBILITY ON ALL HARDSCAPE.
9. ALL HARDSCAPE PEDESTRIAN AREAS NOT TO EXCEED A 2% CROSS SLOPE.
10. SURVEY BENCHMARK TO BE VERIFIED BEFORE GRADING BEGINS.
11. CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL TRACK GRADES FOR NFHS COMPLIANCE.
12. FINISHED GRADE FOR THE SYNTHETIC TURF IS TOP OF INFILL.

SOD REQUIREMENTS

1. PROVIDE HYBRID BERMUDA SOD, 1\2" THICK WITHOUT PLASTIC NETTING.
2. PROVIDE A 1/2" OF ORGANIC SOIL UNDER ALL SODDED AREAS.
3. PROVIDE STARTER FERTILIZER PER MANUFACTURER REQUIREMENTS AND MEET ALL SODDING REQUIREMENTS LISTED IN THE SPECIFICATIONS.
4. WATER AND CARE FOR SOD DURING CONSTRUCTION AND FOR 30 DAYS AFTER SUBSTANTIAL COMPLETION.
5. ALL DEAD AND NON ROOTED AREAS OF SOD WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

LEGEND

	EXISTING MINOR CONTOUR
XXX' / XXX.XX +	EXISTING MAJOR CONTOUR / EXISTING SPOT ELEVATION
-x-x-	EXISTING FENCE
	EXISTING STORM LINE
UE	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING CATCH BASIN
E	EXISTING ELECTRICAL OUTLET
SLOPE	SLOPE DIRECTION
XXX	PROPOSED 1' CONTOUR
HP	HIGH POINT
LP	LOW POINT
FG	FINISH GRADE
XXX.XX	SPOT ELEVATION
TS XXX.XX	TOP OF TRACK SURFACE SPOT ELEVATION
TD XXX.XX	TOP OF CHANNEL SPOT ELEVATION
TC XXX.XX	TOP OF CONCRETE SPOT ELEVATION
TA XXX.XX	TOP OF ASPHALT SPOT ELEVATION
	SWALE CENTERLINE
	CHANNEL DRAIN
	FENCE
	PLAY CLOCK
	PROPOSED CONCRETE
	PROPOSED SAND
	PROPOSED ASPHALT PAVING
	PROPOSED TRACK SURFACE



North Carolina 811 www.nc811.org

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GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

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803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 SEAL 03/09/2026

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER: GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 03-09-26
SHEET NAME: TRACK OVAL GRADING PLAN
SHEET NO: G100

GENERAL CONSTRUCTION NOTES

1. CONTRACTOR SHALL CALL NC 811 BEFORE DIGGING
2. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE UNTIL PROJECT COMPLETION AND FINAL STABILIZATION
3. ALL CONTRACTORS TO HAVE APPROPRIATE BUSINESS LICENSES FOR WORK AT HAND
4. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
5. ALL CONTOURS AND SPOT ELEVATIONS TO REFLECT FINISHED GRADE
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12. FINISHED GRADE FOR THE SYNTHETIC TURF IS TOP OF INFILL.

SOD REQUIREMENTS

1. PROVIDE HYBRID BERMUDA SOD, 1\2" THICK WITHOUT PLASTIC NETTING.
2. PROVIDE A 1/2" OF ORGANIC SOIL UNDER ALL SODDED AREAS.
3. PROVIDE STARTER FERTILIZER PER MANUFACTURER REQUIREMENTS AND MEET ALL SODDING REQUIREMENTS LISTED IN THE SPECIFICATIONS.
4. WATER AND CARE FOR SOD DURING CONSTRUCTION AND FOR 30 DAYS AFTER SUBSTANTIAL COMPLETION.
5. ALL DEAD AND NON ROOTED AREAS OF SOD WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

LEGEND

Symbol	Description
	EXISTING MINOR CONTOUR
XXX'	EXISTING MAJOR CONTOUR
XXX.XX	EXISTING SPOT ELEVATION
	EXISTING FENCE
	EXISTING STORM LINE
UE	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING CATCH BASIN
E	EXISTING ELECTRICAL OUTLET
SLOPE	SLOPE DIRECTION
993.3	PROPOSED 1' CONTOUR
XXX.XX	SPOT ELEVATION
TS XXX.XX	TOP OF TRACK SURFACE SPOT ELEVATION
TD XXX.XX	TOP OF CHANNEL SPOT ELEVATION
TC XXX.XX	TOP OF CONCRETE SPOT ELEVATION
TA XXX.XX	TOP OF ASPHALT SPOT ELEVATION
	PROPOSED CONCRETE
	PROPOSED SHOT PUT ROCK DUST

CONTRACTOR TO FIELD LOCATE THE DISCUS PAD AND THROWING AREA.

12' x 12' CONCRETE PAD SHALL BE LEVEL AND SURROUNDING CONCRETE SHALL SLOPE 0.5% AWAY FROM 12' x 12' PAD AND ADHERE TO NFHS RULES AND REGULATIONS.

ALL FIELD LOCATIONS REQUIRE APPROVAL BY THE DESIGNER PRIOR TO CONSTRUCTION.

SHOP DRAWINGS SHOWING GRADES AND LOCATIONS ARE REQUIRED.

ALL DISTURBED AREAS TO BE SODDED, SEE SOD REQUIREMENTS.

CONTRACTOR TO FIELD LOCATE THE SHOT PUT PAD AND THROWING AREA.

12' x 12' CONCRETE PAD SHALL BE LEVEL AND ADHERE TO NFHS RULES AND REGULATIONS.

ALL FIELD LOCATIONS REQUIRE APPROVAL BY THE DESIGNER PRIOR TO CONSTRUCTION.

SHOP DRAWINGS SHOWING GRADES AND LOCATIONS ARE REQUIRED.

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North Carolina 811 www.nc811.org

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N

GRAPHIC SCALE

30 0 15 30 60

1 inch = 30 ft.

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL T. DODD 3.9.26

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK

5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"

DATE: 03-09-26

SHEET NAME:
THROWING EVENTS GRADING PLAN

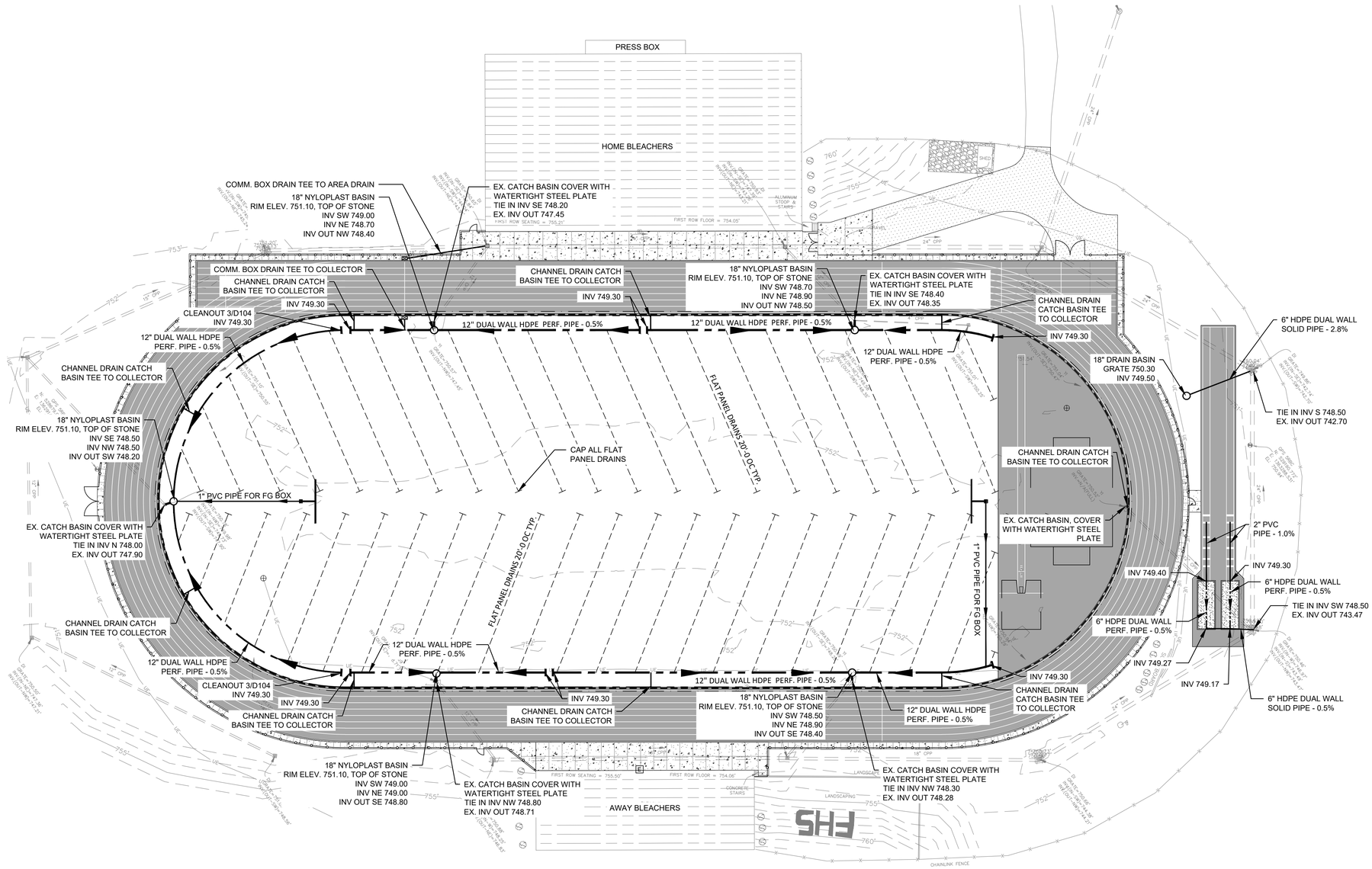
SHEET NO:
G101

GENERAL CONSTRUCTION NOTES

1. CONTRACTOR SHALL CALL NC 811 BEFORE DIGGING
2. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE UNTIL PROJECT COMPLETION AND FINAL STABILIZATION
3. ALL CONTRACTORS TO HAVE APPROPRIATE BUSINESS LICENSES FOR WORK AT HAND
4. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
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7. ALL FILL FOR LANDSCAPE AREA TO BE COMPACTED TO ASTM 85% COMPACTION UNLESS OTHERWISE DIRECTED.
8. CONTRACTOR TO VERIFY POSITIVE DRAINAGE AND ADA ACCESSIBILITY ON ALL HARDSCAPE
9. ALL HARDSCAPE PEDESTRIAN AREAS NOT TO EXCEED A 2% CROSS SLOPE
10. SURVEY BENCHMARK TO BE VERIFIED BEFORE GRADING BEGINS
11. CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL TRACK GRADES FOR NFHS COMPLIANCE.
12. FINISHED GRADE FOR THE SYNTHETIC TURF IS TOP OF INFILL.

LEGEND

- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR (XXX')
- EXISTING SPOT ELEVATION (XXX.XX)
- EXISTING FENCE
- EXISTING STORM LINE
- EXISTING UNDERGROUND ELECTRIC LINE (UE)
- EXISTING CATCH BASIN
- EXISTING ELECTRICAL OUTLET (E)
- SLOPE DIRECTION (SLOPE)
- PROPOSED 1' CONTOUR (993.3)
- FIELD COLLECTOR PIPE
- FLAT PANEL DRAIN
- DRAIN BASIN / CLEANOUT
- CHANNEL DRAIN
- FENCE
- PLAY CLOCK
- PROPOSED TRACK SURFACE
- PROPOSED CONCRETE
- PROPOSED SAND



North Carolina 811 www.nc811.org

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GRAPHIC SCALE
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1 inch = 30 ft.

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER: GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"
DATE: 03-09-26
SHEET NAME: TRACK OVAL DRAINAGE PLAN
SHEET NO: G102

GENERAL CONSTRUCTION NOTES

1. CONTRACTOR SHALL CALL NC 811 BEFORE DIGGING
2. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE UNTIL PROJECT COMPLETION AND FINAL STABILIZATION
3. ALL CONTRACTORS TO HAVE APPROPRIATE BUSINESS LICENSES FOR WORK AT HAND
4. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
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12. FINISHED GRADE FOR THE SYNTHETIC TURF IS TOP OF INFILL.

LEGEND

Symbol	Description
	EXISTING MINOR CONTOUR
XXX'	EXISTING MAJOR CONTOUR
XXX.XX +	EXISTING SPOT ELEVATION
x x	EXISTING FENCE
	EXISTING STORM LINE
UE	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING CATCH BASIN
E	EXISTING ELECTRICAL OUTLET
SLOPE	SLOPE DIRECTION
	FIELD COLLECTOR PIPE
	PROPOSED CONCRETE
	PROPOSED SHOT PUT ROCK DUST

CONTRACTOR TO FIELD LOCATE THE DISCUS PAD AND THROWING AREA.

12' x 12' CONCRETE PAD SHALL BE LEVEL AND SURROUNDING CONCRETE SHALL SLOPE 0.5% AWAY FROM 12' x 12' PAD AND ADHERE TO NFHS RULES AND REGULATIONS.

ALL FIELD LOCATIONS REQUIRE APPROVAL BY THE DESIGNER PRIOR TO CONSTRUCTION.

SHOP DRAWINGS SHOWING GRADES AND LOCATIONS ARE REQUIRED.

ALL DISTURBED AREAS TO BE SODDED, SEE SOD REQUIREMENTS.

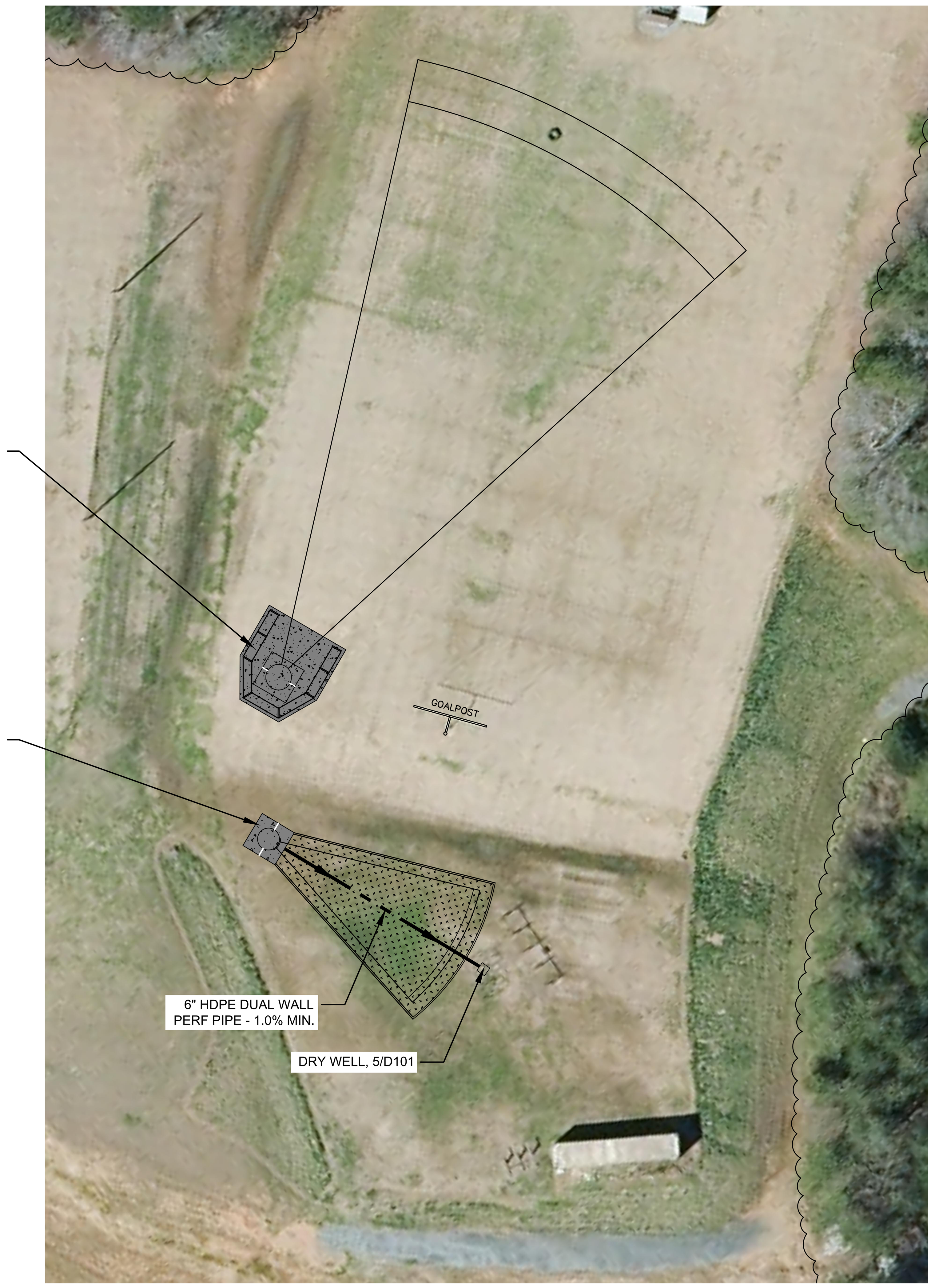
CONTRACTOR TO FIELD LOCATE THE SHOT PUT PAD AND THROWING AREA.

12' x 12' CONCRETE PAD SHALL BE LEVEL AND ADHERE TO NFHS RULES AND REGULATIONS.

ALL FIELD LOCATIONS REQUIRE APPROVAL BY THE DESIGNER PRIOR TO CONSTRUCTION.

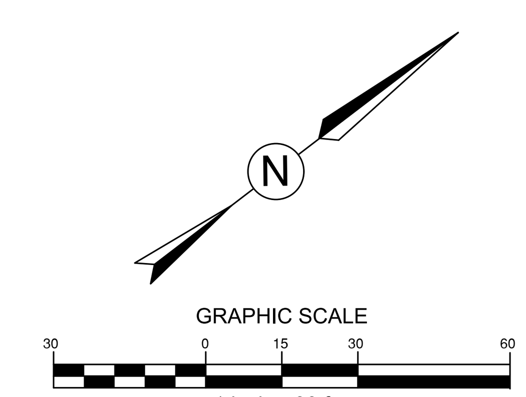
SHOP DRAWINGS SHOWING GRADES AND LOCATIONS ARE REQUIRED.

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North Carolina 811
www.nc811.org

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FITFIELDS
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FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL T. DODD

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: 1" = 30'-0"

DATE: 03-09-26

SHEET NAME:
THROWING EVENTS DRAINAGE PLAN

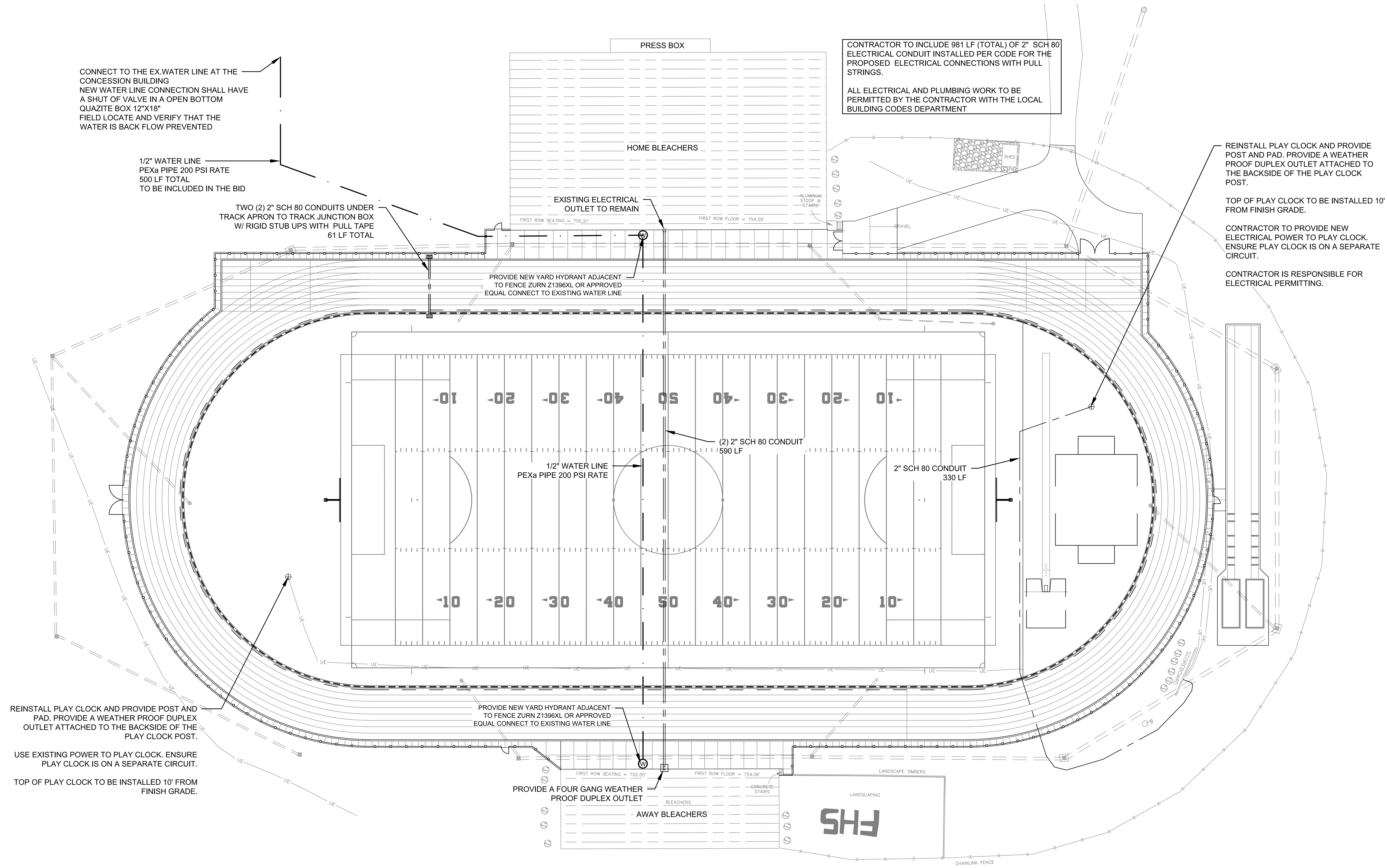
SHEET NO:
G103

UTILITY NOTES

1. WATER AND UTILITY SYSTEMS ARE TO BE CONSTRUCTED IN GENERAL ACCORDANCE WITH ALL CITY OF GASTONIA AND NCDES/STATE REGULATIONS, REFERENCE SEWER AND WATER STANDARDS AND PROJECT SPECIFICATIONS. CONTRACTOR TO VERIFY AND PROCURE IF NECESSARY ANY BUILDING CODE, ELECTRICAL AND PLUMBING PERMITS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE REQUIREMENTS. ALL COSTS SHALL BE INCLUDED IN THE BID
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF LOCATING AND MARKING ALL EXISTING UNDERGROUND UTILITIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ANY UTILITY DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL PERMITTING AND DESIGN FOR PLAY CLOCKS AND OUTLETS
5. PLAY CLOCK BASIS OF DESIGN TO BE BLACK FRAME AND POST WITH AMBER DIGITS.
6. CONTRACTOR REQUIRED TO PROVIDE SUBMITTALS FOR ALL UTILITY BOXES AND POWER RECEPTACLES.

LEGEND

Symbol	Description
	EXISTING MINOR CONTOUR
XXX'	EXISTING MAJOR CONTOUR
XXX.XX +	EXISTING SPOT ELEVATION
	EXISTING FENCE
	EXISTING STORM LINE
UE	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING CATCH BASIN
E	EXISTING ELECTRICAL OUTLET
	CHANNEL DRAIN
	FENCE
	PLAY CLOCK
	ELECTRIC CONDUIT
E	ELECTRICAL OUTLET



North Carolina 811 www.nc811.org

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REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

N

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

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FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL T. DODD

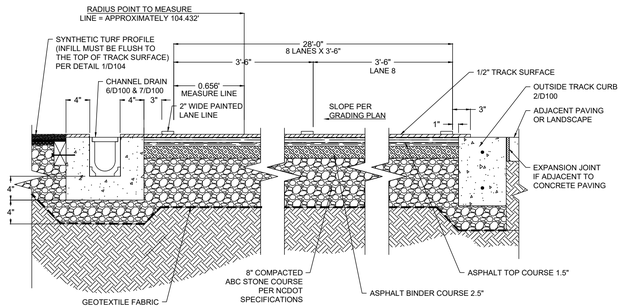
NORTH CAROLINA FITFIELDS, PLLC COA# 389 CERTIFICATE OF AUTHORIZATION

REVISIONS:

OWNER:
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GASTONIA, NC 28054

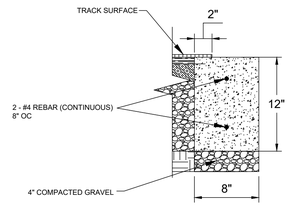
FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE:	1" = 30'-0"
DATE:	03-09-26
SHEET NAME:	TRACK OVAL UTILITY PLAN
SHEET NO:	U100



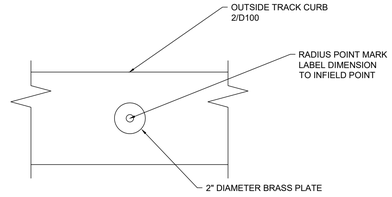
NOTE:
1. CONTRACTOR TO VERIFY EXISTING TRACK OVAL'S RADIUS TO MEASURE LINE AND MATCH NEW TRACK OVAL TO EXISTING. THE NEW TRACK OVAL SHOULD BE IN THE SAME LOCATION AS EXISTING TRACK OVAL.

1 TRACK PAVEMENT SECTION
NOT TO SCALE



NOTES:
1. TOOLED CONTROL JOINTS EVERY 10' OC AND 1/2" EXPANSION JOINTS EVERY 40' OC
2. MEDIUM BROOM FINISH
3. COMPACTED SUBGRADE UNDER CURB PER SPECS.
4. CONCRETE TO BE 4,000 PSI
5. HEIGHT OF CURB TO BE EVEN WITH SYNTHETIC TRACK SURFACE.

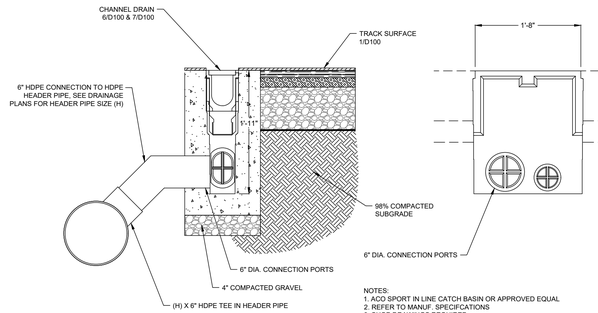
2 OUTSIDE TRACK CURB
NOT TO SCALE



RADIUS POINT ON CONCRETE CURB

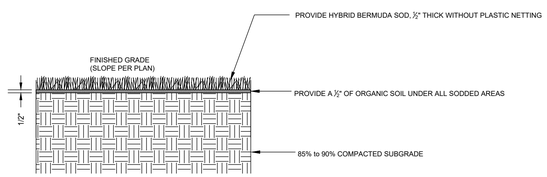
NOTE:
1. PROVIDE LOCATION PINS IN OUTSIDE CONCRETE CURBS AT 4 POINTS OF CURVATURE (POC'S) AND APEX OF BOTH TURNS (SEE PLAN)

3 RADIUS POINT
NOT TO SCALE



NOTES:
1. ACO SPORT IN LINE CATCH BASIN OR APPROVED EQUAL
2. REFER TO MANUF. SPECIFICATIONS
3. SHOP DRAWINGS REQUIRED
4. INSERTA-TEE CONNECTION TO BE CUT AT FIELD ELEVATION

4 TRACK DRAIN CATCH BASIN
NOT TO SCALE



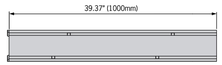
SOD REQUIREMENTS
1. PROVIDE HYBRID BERMUDA SOD, 1/2" THICK WITHOUT PLASTIC NETTING.
2. PROVIDE A 1/2" OF ORGANIC SOIL UNDER ALL SODDED AREAS.
3. PROVIDE STARTER FERTILIZER PER MANUFACTURER REQUIREMENTS AND MEET ALL SODDING REQUIREMENTS LISTED IN THE SPECIFICATIONS.
4. WATER AND CARE FOR SOD DURING CONSTRUCTION AND FOR 30 DAYS AFTER SUBSTANTIAL COMPLETION.
5. ALL DEAD AND NON ROOTED AREAS OF SOD WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

5 SOD
NOT TO SCALE

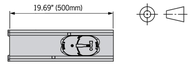
ACO SPORT

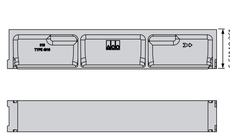
System 4000 - Open channel trench drain system

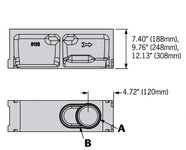
One meter channel



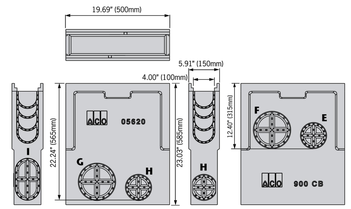
Half meter channel





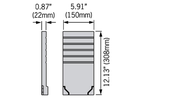


In-line catch basin

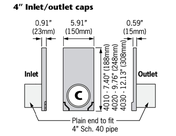


Total capacity = 5.9 gallons

Closing cap



4" Inlet/outlet caps

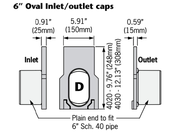


Outlet flow rates

Outlet	Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
A	Bottom outlet - 40103	4" round	6.50	117	0.26
A	Bottom outlet - 40303	4" round	11.22	185	0.41
B	Bottom outlet - 40103	6" oval	6.50	183	0.40
B	Bottom outlet - 40303	6" oval	11.22	288	0.64
C	Outlet cap - 4010	4" round	6.50	119	0.27
C	Outlet cap - 4030	4" round	11.22	186	0.39
D	Outlet cap - 4020	6" oval	8.86	220	0.50
D	Outlet cap - 4030	6" oval	11.22	248	0.57
E	In-line catch basin*	4" round	12.40	175	0.40
F	In-line catch basin*	6" round	12.40	379	0.87
G	In-line catch basin*	6" round	22.24	530	1.22
H	In-line catch basin*	4" round	22.24	242	0.54
I	In-line catch basin*	6" oval	22.24	372	0.86

* Inline catch basin flow rate without trash bucket - using trash bucket reduces flow

6" Oval Inlet/outlet caps



www.ACOSport.us

April 2018

ACO Specification Information

6 CHANNEL DRAIN - ACO 4010
NOT TO SCALE

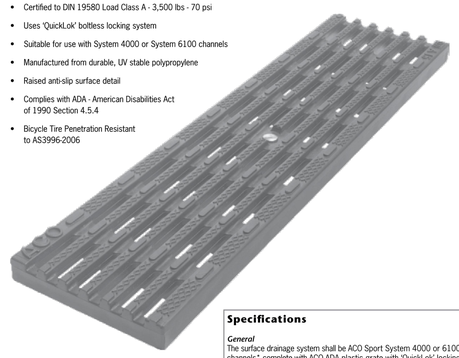
ACO SPORT

ADA Plastic

ADA black plastic

Product Features

- Certified to DIN 19580 Load Class A - 3,500 lbs - 70 psi
- Uses 'QuickLok' boltless locking system
- Suitable for use with System 4000 or System 6100 channels
- Manufactured from durable, UV stable polypropylene
- Raised anti-slip surface detail
- Complies with ADA - American Disabilities Act of 1990 Section 4.5.4
- Bicycle Tire Penetration Resistant to AS3996-2006



Specifications

General
The surface drainage system shall be ACO Sport System 4000 or 6100 channels* complete with ACO ADA plastic grate with 'QuickLok' locking as manufactured by ACO, Inc. or similar approved.

Materials
The covers shall be manufactured from polypropylene and have ***minimum*** properties as follows:

- ***Independently certified to meet Load Class A to DIN 19580 - 3,500 lbs - 70 psi***
- ***UV stable polypropylene***
- ***Intake area of 27.4 sq. in. (176.8 cm²) per half meter of grate***

The overall width of 4.84" (123mm) and overall length of 19.69" (500mm). Slots measure 0.33" (8mm) by 1.74" (44mm).

Installation
The trench drain system and grates shall be installed in accordance with the manufacturer's installation instructions and recommendations.
* delete as appropriate

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ACO Specification Information

7 CHANNEL DRAIN GRATE
NOT TO SCALE

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314 TOM HALL ST.
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FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 SEAL 03/09/2026

NORTH CAROLINA BOARD OF LANDSCAPE ARCHITECTURE CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

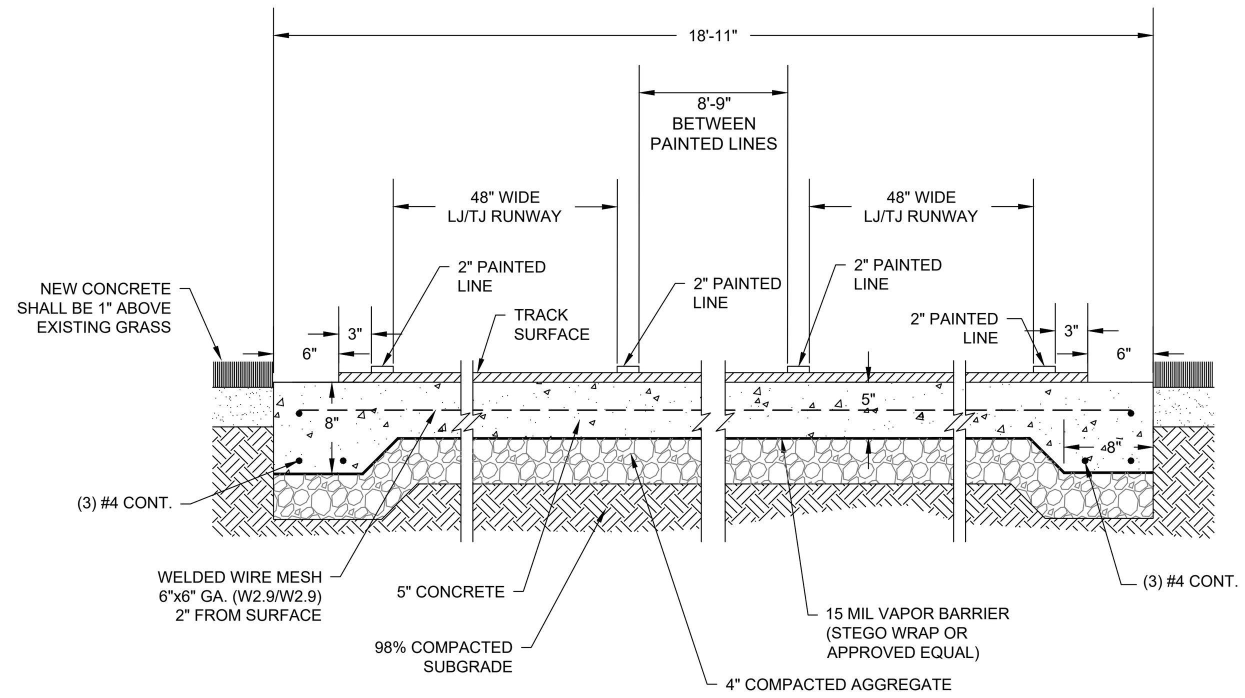
REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

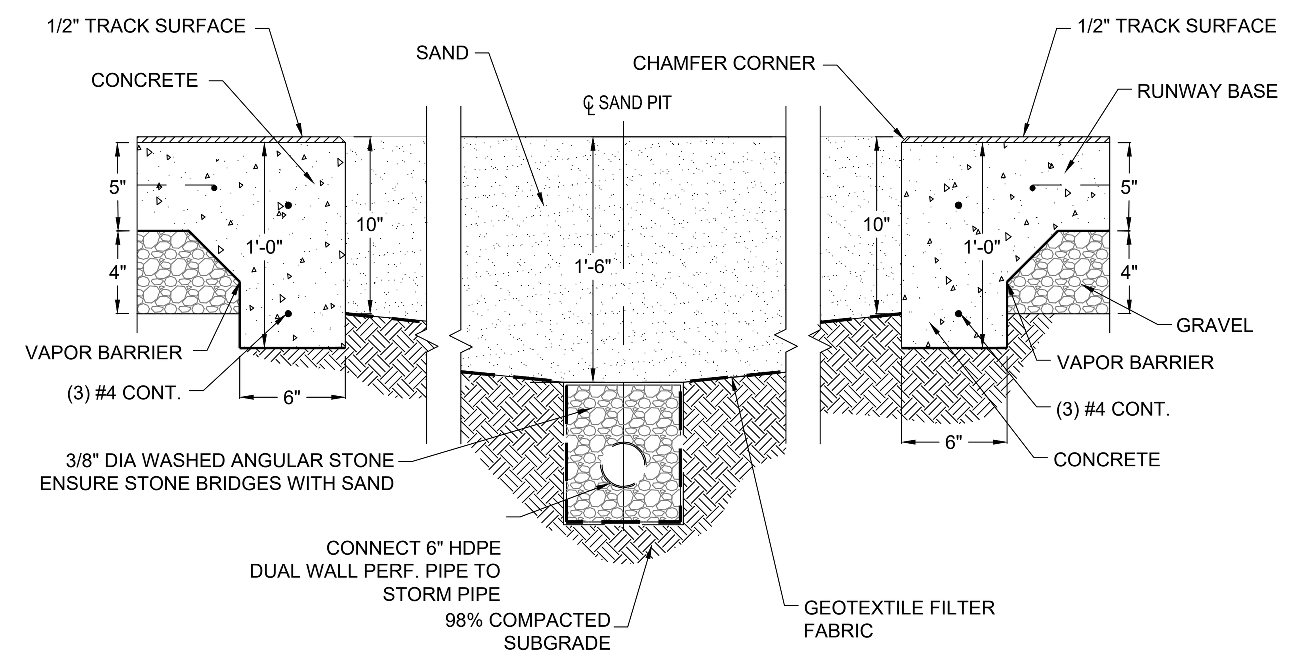
FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS
DATE: 03-09-26
SHEET NAME: DETAILS
SHEET NO: D100

NOTES:
1. ALL CONCRETE PADS AND RUNWAYS, CONTRACTOR TO PROVIDE CONTROL & EXPANSION JOINT SHOP DRAWINGS, AS PER THE T&F SYNTHETIC SURFACING CONTRACTOR'S RECOMMENDATIONS & SPECIFICATIONS.
2. ALL CONCRETE JOINT PLANS TO BE SUBMITTED AS SHOP DRAWINGS FOR REVIEW.
3. NO FLY ASH IN CONCRETE.
4. CONCRETE MIX TO BE APPROVED BY T&F SYNTHETIC SURFACING CONTRACTOR AND SUBMITTED FOR REVIEW.
5. ALL SEPARATE CONCRETE POURS MUST BE TIED TOGETHER WITH REBAR.
6. ALL CONCRETE TO RECEIVE TRACK SURFACE MUST HAVE A VAPOR BARRIER INSTALLED BETWEEN THE CONCRETE AND AGGREGATE.

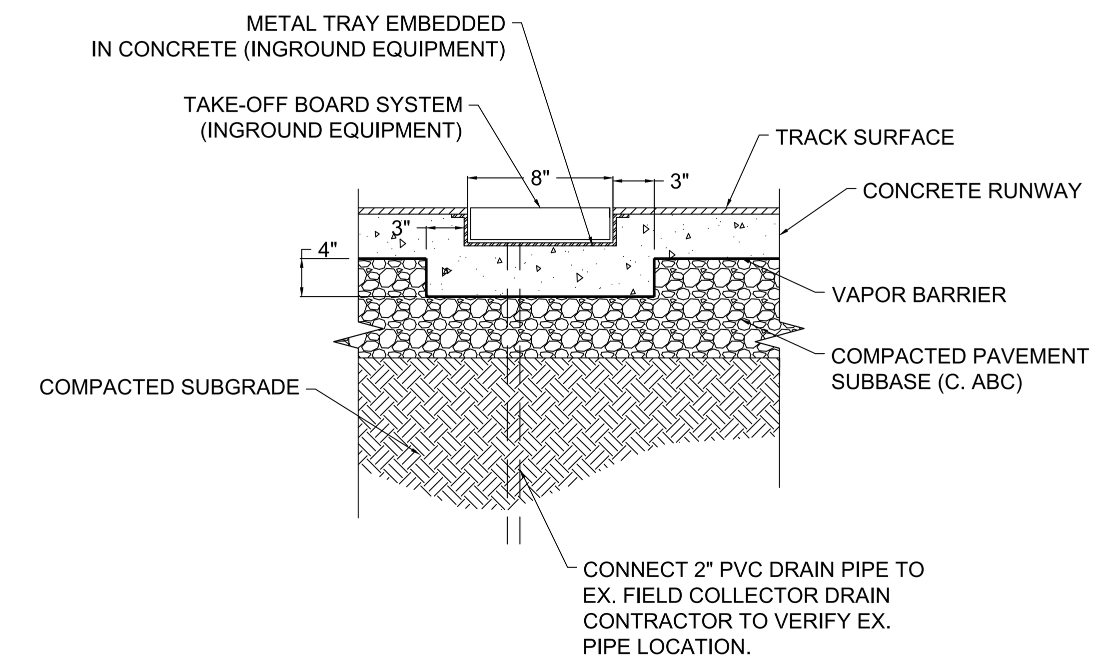


1 LONG/TRIPLE JUMP RUNWAY SECTION
NOT TO SCALE



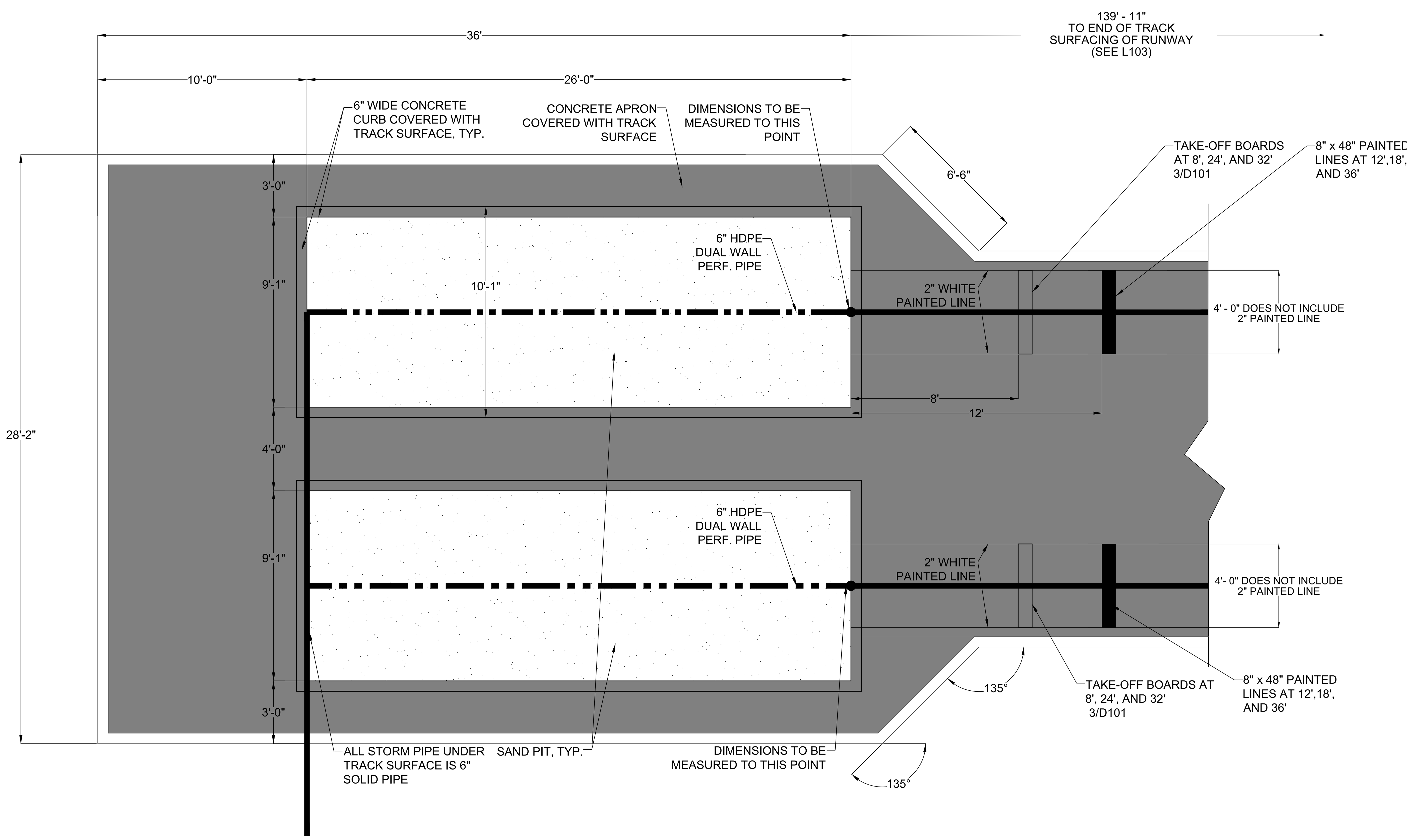
NOTES:
1. ALL DRAWINGS DEPICTING IN-GROUND EQUIPMENTS ARE FOR BIDDING ONLY. REFER TO SHOP DRAWINGS FOR INSTALLATION DIMENSIONS AND INSTRUCTIONS.

2 LONG/TRIPLE JUMP SAND PIT SECTION
NOT TO SCALE



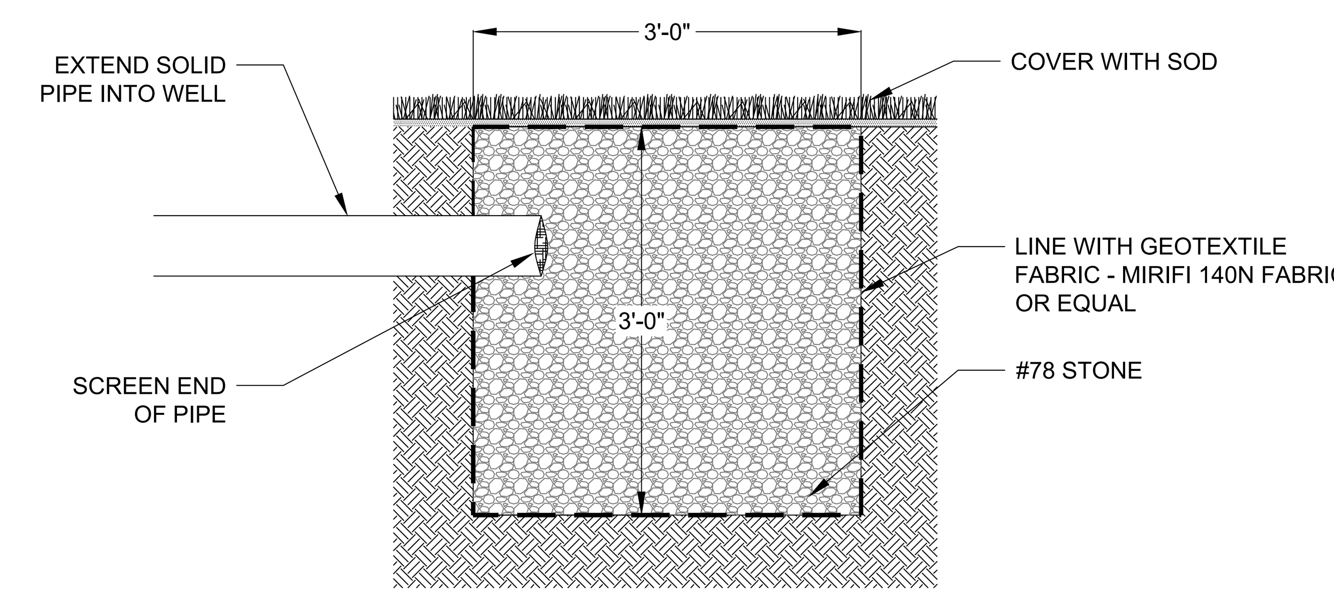
NOTES:
1. ALL DRAWINGS DEPICTING IN-GROUND EQUIPMENTS ARE FOR BIDDING ONLY. REFER TO SHOP DRAWINGS FOR INSTALLATION DIMENSIONS AND INSTRUCTIONS.
2. METAL TRAY TO RECEIVE REMOVABLE SYNTHETIC SURFACE PLUG, WHEN TAKE-OFF BOARD SYSTEM IS REMOVED.

3 TAKE-OFF BOARD
NOT TO SCALE

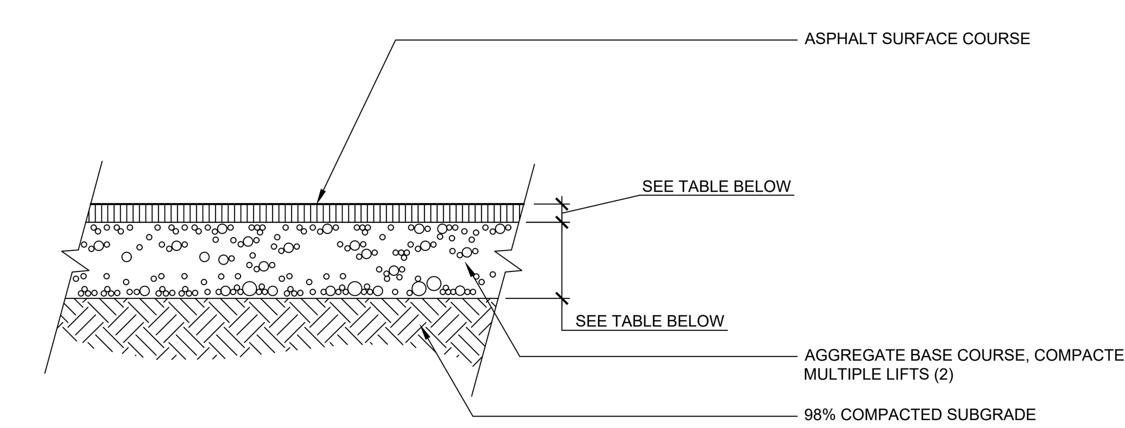


NOTES:
1. INSTALL ALL EQUIPMENT AS PER VENDOR'S SHOP DRAWINGS.
2. CONNECT ALL DRAINS TO DRAINAGE SYSTEM
3. CONCRETE FINISH SHALL BE A LIGHT TO MEDIUM BROOM FINISH, TO BE VERIFIED BY VENDOR.
4. DIMENSION TO TAKEOFF BOARD FOUL LINE, NOT METAL TRAY.

4 LONG/TRIPLE JUMP SAND PIT PLAN
NOT TO SCALE



5 DRY WELL
NOT TO SCALE

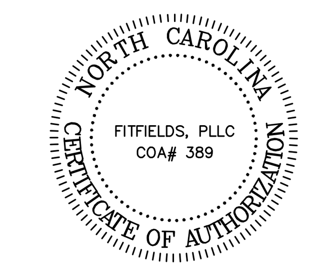


ASPHALT PAVING	
NOTE	DEPTH
1. SURFACE COURSE S9.5b	2"
2. BASE COURSE C.A.B.C.	6"

6 ASPHALT PAVING
NOT TO SCALE

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FORT MILL, SC
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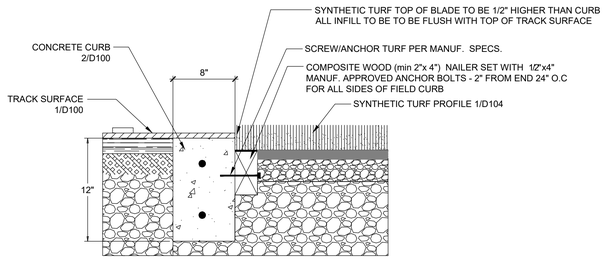


REVISIONS:

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GASTONIA, NC 28054

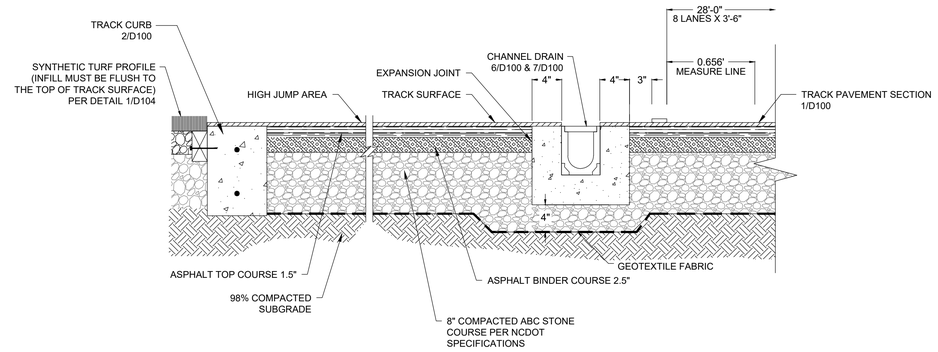
FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS
DATE: 03-09-26
SHEET NAME:
DETAILS
SHEET NO:
D101



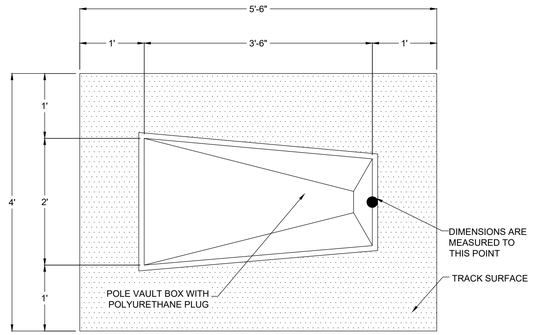
1 SYNTHETIC TURF D-AREA CONCRETE CURB

NOT TO SCALE



2 TRACK PAVEMENT TO HIGH JUMP AREA SECTION

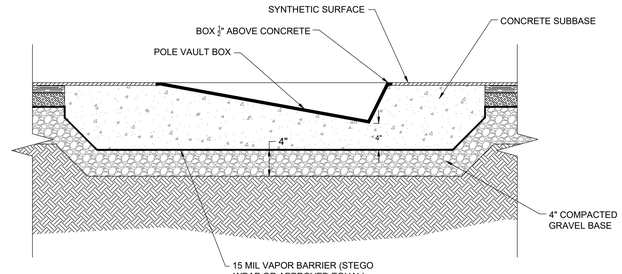
NOT TO SCALE



NOTE:
1. REFER TO SHOP DRAWINGS FOR INSTALLATION DIMENSIONS AND INSTRUCTIONS.
2. POLE VAULT BOX MUST BE INSTALLED LEVEL.

3 POLE VAULT BOX PLAN

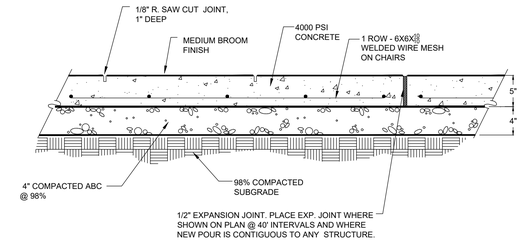
NOT TO SCALE



NOTE:
1. REFER TO SHOP DRAWINGS FOR INSTALLATION DIMENSIONS AND INSTRUCTIONS.
2. POLE VAULT BOX EXTENDS ABOVE CONCRETE AND SYNTHETIC SURFACE IS FLUSH TO TOP OF BOX.
3. ALL POLE VAULT BOXES TO RECEIVE POLYURETHANE PLUG.
4. CONCRETE TO EXTENTS OF MANUFACTURES SPECIFICATIONS.

4 POLE VAULT BOX SECTION

NOT TO SCALE

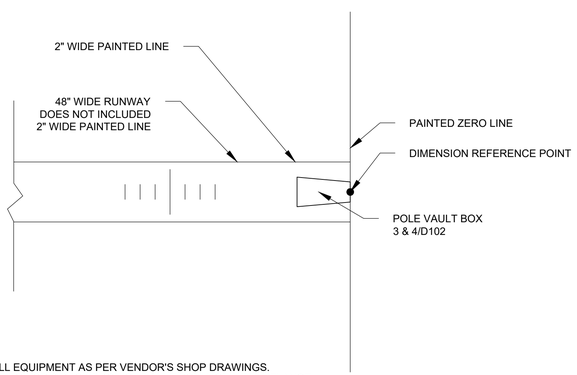


NOTE

1. CONCRETE WILL BE 5" THICK MIN. UNLESS OTHERWISE SPECIFIED BY GEOTECHNICAL ENGINEERS.
2. EXPANSION JOINTS SHALL BE PRE-MOLDED BITUMINOUS IMPREGNATED FIBER BOARD OR APPROVED EQUAL.

5 HEAVY DUTY CONCRETE PAVING

NOT TO SCALE



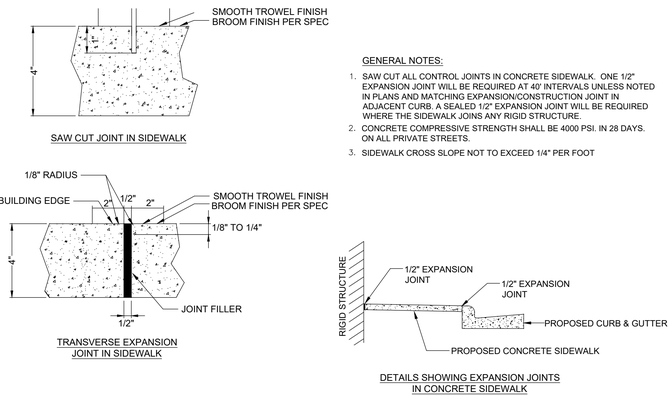
NOTES:
1. INSTALL ALL EQUIPMENT AS PER VENDOR'S SHOP DRAWINGS.
2. DIMENSION TO TOP & BACK EDGE OF VAULT BOX, NOT METAL FLANGE.

6 POLE VAULT TAKE-OFF AREA

NOT TO SCALE

7 RESERVED

NOT TO SCALE



GENERAL NOTES:

1. SAW CUT ALL CONTROL JOINTS IN CONCRETE SIDEWALK. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 40' INTERVALS UNLESS NOTED IN PLANS AND MATCHING EXPANSION/CONSTRUCTION JOINT IN ADJACENT CURB. A SEALED 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
2. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI. IN 28 DAYS. ON ALL PRIVATE STREETS.
3. SIDEWALK CROSS SLOPE NOT TO EXCEED 1/4" PER FOOT

8 JOINTS

NOT TO SCALE

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

NORTH CAROLINA BOARD OF EXAMINERS FOR ENGINEERING AND SURVEYING
FITFIELDS, PLLC
COA# 389
CERTIFICATE OF AUTHORIZATION

REVISIONS:

OWNER:
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943 OSCEOLA STREET
GASTONIA, NC 28054

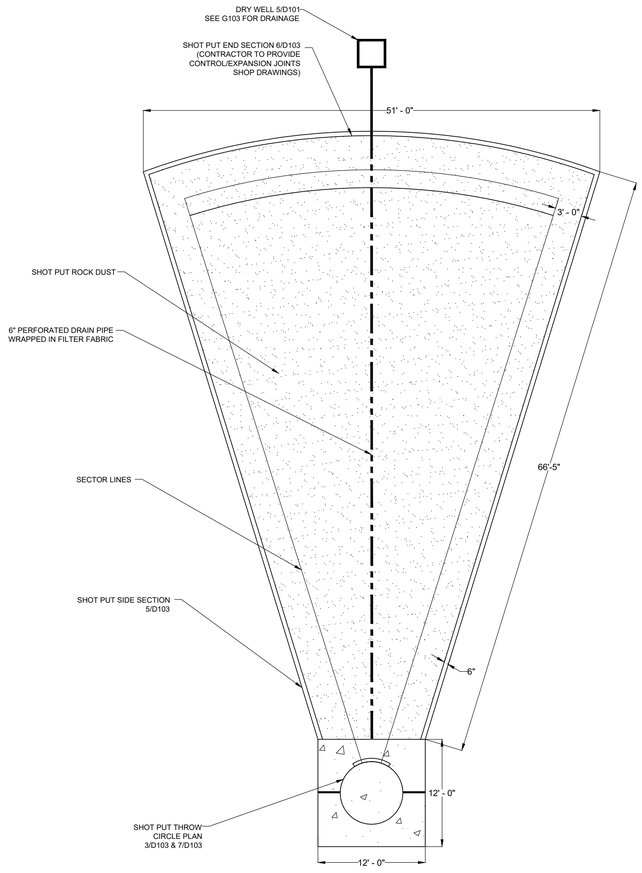
FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS

DATE: 03-09-26

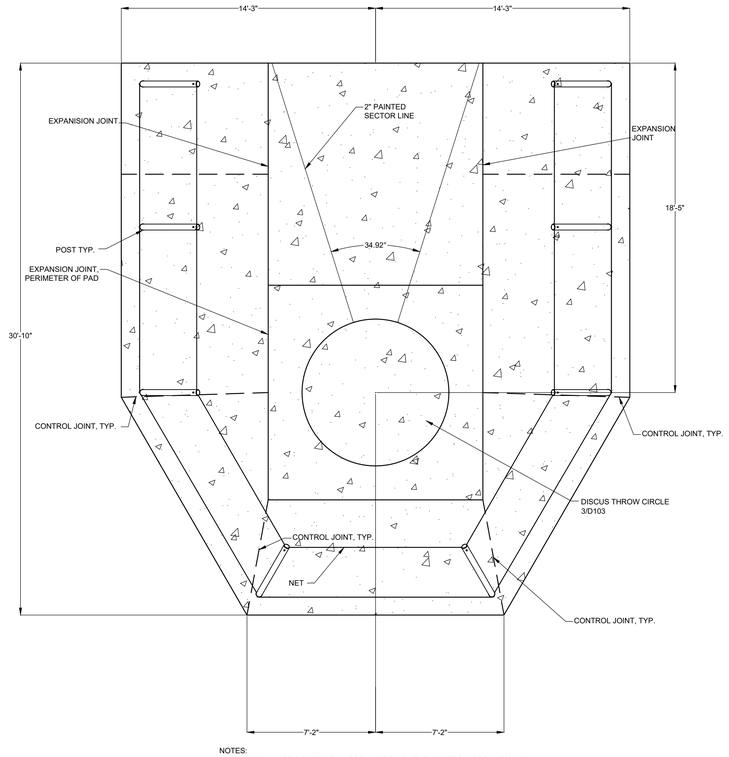
SHEET NAME:
DETAILS

SHEET NO:
D102



1 SHOT PUT PLAN

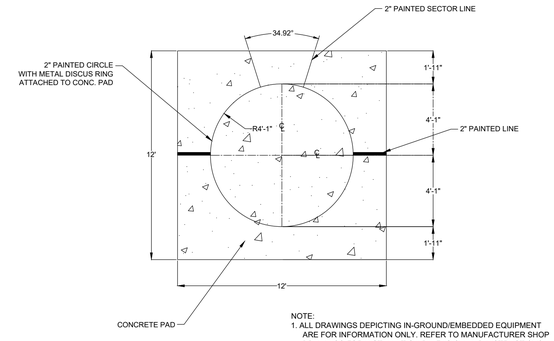
NOT TO SCALE



NOTES:
1. ALL DRAWINGS DEPICTING IN-GROUND EQUIPMENT ARE FOR INFORMATION ONLY. REFER TO VENDOR DRAWINGS FOR INSTALLATION DIMENSIONS AND INSTRUCTIONS.
2. LARGE CONCRETE PAD IS TO BE SIZED AS PER THE VENDOR CAGE DIMENSIONS. A MINIMUM OF 12" OF CONCRETE OUTSIDE OF ALL POSTS TO PREVENT CRACKING.
3. INSIDE THROWING CIRCLE TO HAVE LIGHT BROOM FINISH.

2 DISCUS CAGE PLAN

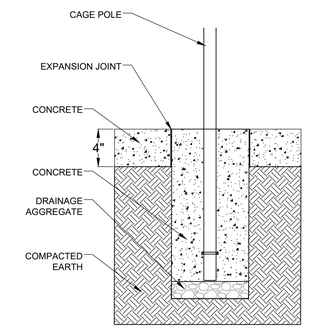
NOT TO SCALE



NOTE:
1. ALL DRAWINGS DEPICTING IN-GROUND/EMBEDDED EQUIPMENT ARE FOR INFORMATION ONLY. REFER TO MANUFACTURER SHOP DRAWINGS FOR INSTALLATION DIMENSION AND INSTRUCTIONS.
2. CONCRETE TEXTURE IS A LIGHT BROOM FINISH. OWNER'S REPRESENTATIVE TO BE PRESENT UPON CONCRETE INSTALLATION TO VERIFY PROPER TEXTURE.
3. DISCUS RING DIA. = 8'-2 7/16".
4. SHOT PUT & HAMMER RING DIA. = 7'-0 1/16".
5. SHOT PUT CIRCLE TO RECIEVE TOE BOARD.

3 THROW CIRCLE PLAN

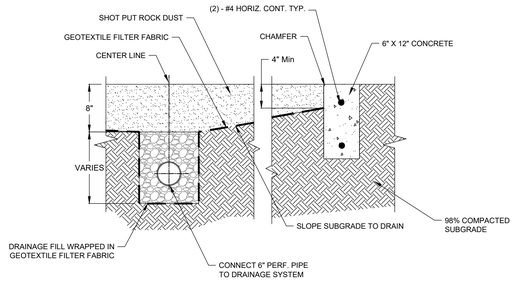
NOT TO SCALE



NOTES:
1. ALL DRAWINGS DEPICTING IN-GROUND/EMBEDDED EQUIPMENT ARE FOR INFORMATION ONLY. VENDOR SHOP DRAWING FOR DIMENSIONS AND INSTALLATION INSTRUCTIONS.

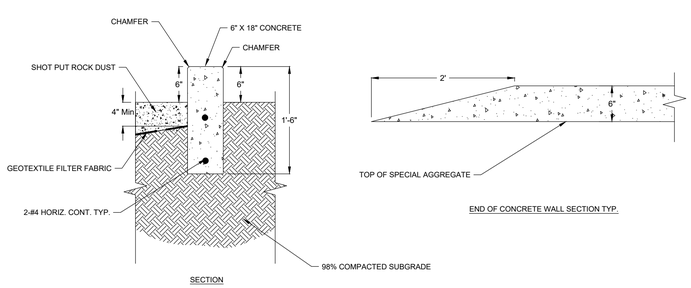
4 DISCUS CAGE GROUND SLEEVE

NOT TO SCALE



5 SHOT PUT SIDE SECTION

NOT TO SCALE

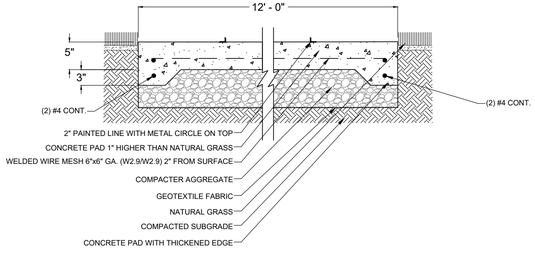


SECTION

END OF CONCRETE WALL SECTION TYP.

6 SHOT PUT END SECTION

NOT TO SCALE



7 SHOT PUT THROW CIRCLE CONCRETE PAD

NOT TO SCALE

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NORTH CAROLINA CERTIFICATE OF AUTHORIZATION
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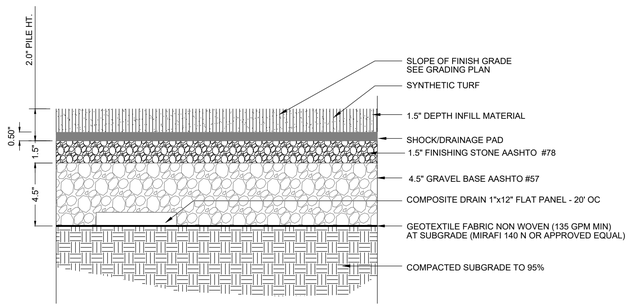
FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS

DATE: 03-09-26

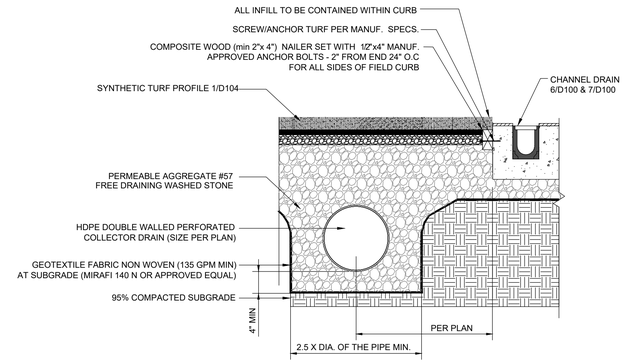
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DETAILS

SHEET NO:
D103



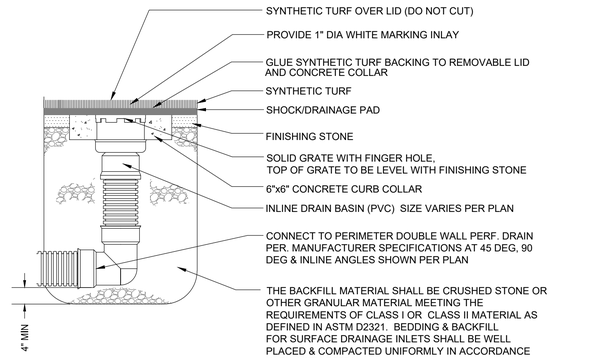
1 SYNTHETIC TURF PROFILE

NOT TO SCALE



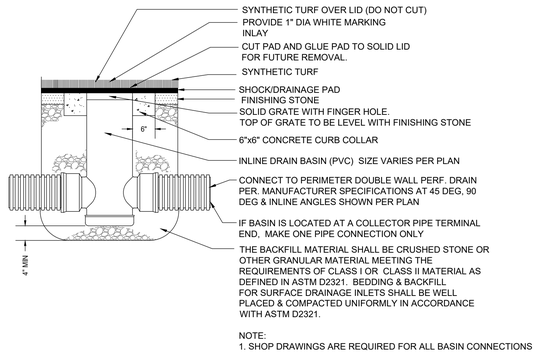
2 SYNTHETIC TURF PERIMETER DRAIN

NOT TO SCALE



3 SYNTHETIC TURF INLINE DRAIN CLEANOUT

NOT TO SCALE

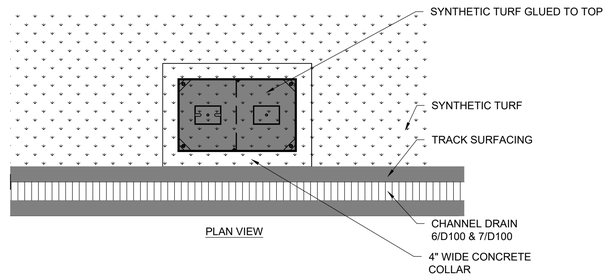


4 NYLOPLAST DRAIN BASIN

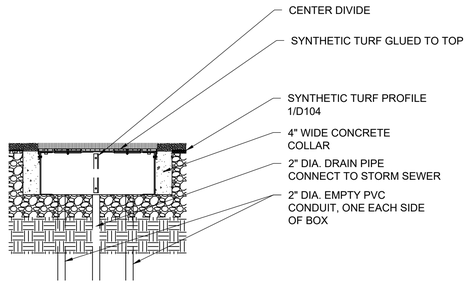
NOT TO SCALE

5 RESERVED

NOT TO SCALE



PLAN VIEW

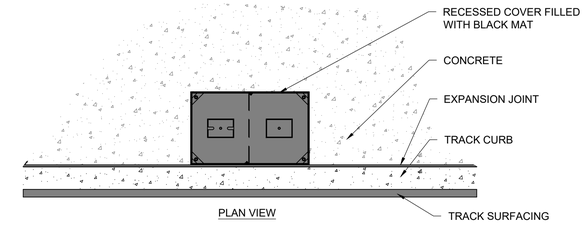


CROSS SECTION

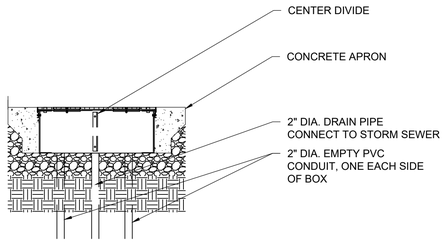
NOTES:
1. JUNCTION BOX FLUSH TO TOP OF TRACK CURB OR CHANNEL DRAIN.
2. PROVIDE 2" DIA. DRAIN WITH 3" DIA. STAINLESS STEEL SHOWER GRATE FOR EACH BOX, FLUSH TO THE BOTTOM.
3. PROVIDE TWO 2" DIA. EMPTY PVC CONDUITS, ONE IN EACH SIDE OF THE BOX.
4. BOX IS APPROX. 18" BY 30", VARIES BY VENDOR.

6 COMM. BOX IN SYNTHETIC TURF

NOT TO SCALE



PLAN VIEW



CROSS SECTION

NOTES:
1. JUNCTION BOX FLUSH TO TOP OF TRACK CURB OR CHANNEL DRAIN.
2. PROVIDE 2" DIA. DRAIN WITH 3" DIA. STAINLESS STEEL SHOWER GRATE FOR EACH BOX, FLUSH TO THE BOTTOM.
3. PROVIDE TWO 2" DIA. EMPTY PVC CONDUITS, ONE IN EACH SIDE OF THE BOX.
4. BOX IS APPROX. 18" BY 30", VARIES BY VENDOR.

7 COMM. BOX IN CONCRETE

NOT TO SCALE

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION
FITFIELDS, PLLC
COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK

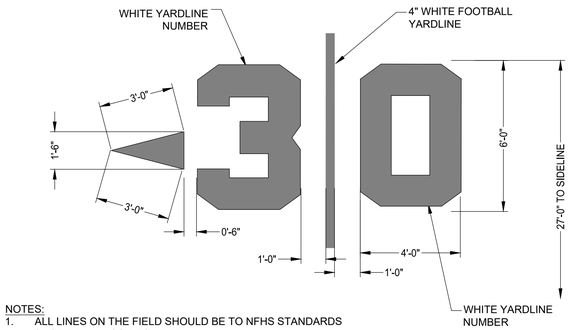
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS

DATE: 03-09-26

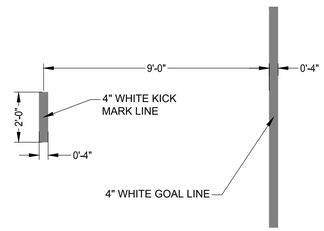
SHEET NAME:
DETAILS

SHEET NO:
D104

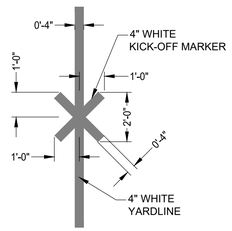


NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.
3. FONT - SUPERSTAR M54

1 FIELD NUMBERS
NOT TO SCALE

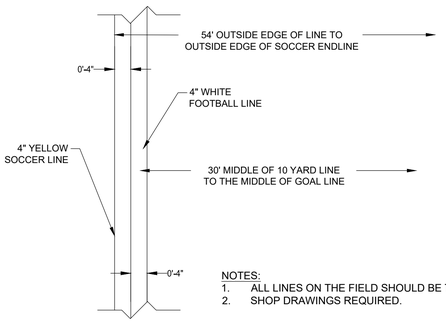


EXTRA POINT LINE DETAIL



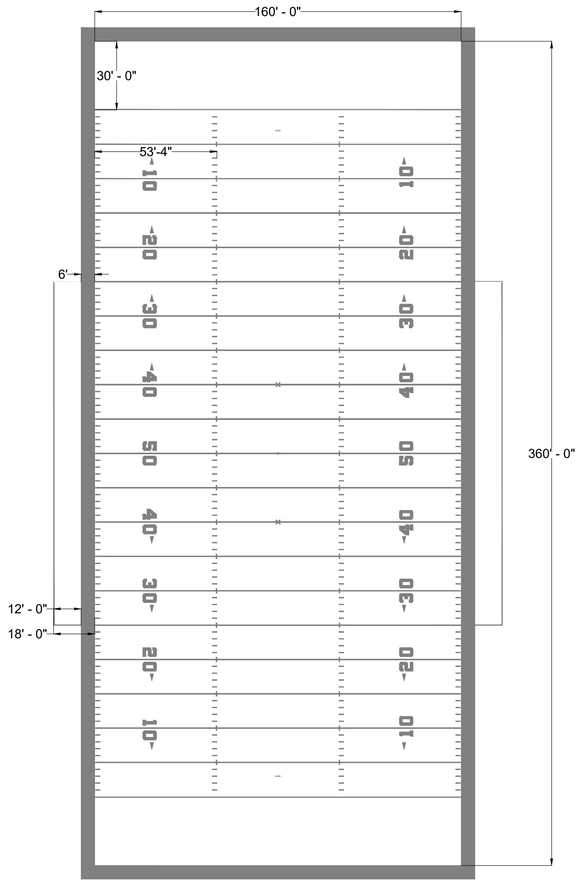
KICKOFF MARKER DETAIL

2 EXTRA POINT LINE AND KICKOFF MARKER DETAIL
NOT TO SCALE



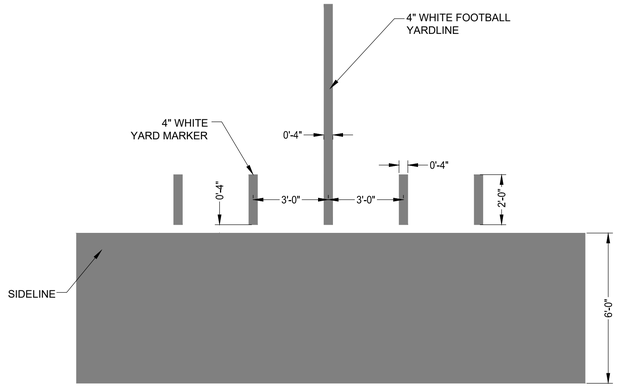
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

3 SOCCER PENALTY BOX LINE AND FOOTBALL 10 YARD LINE
NOT TO SCALE



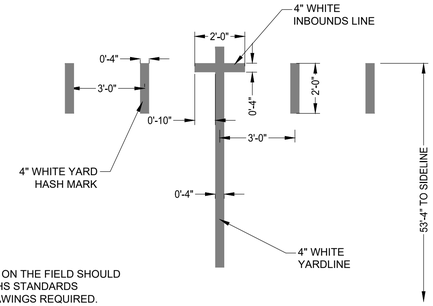
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.
3. ALL FOOTBALL LINES AND MARKINGS TO BE WHITE.

4 FOOTBALL FIELD DIAGRAM
NOT TO SCALE



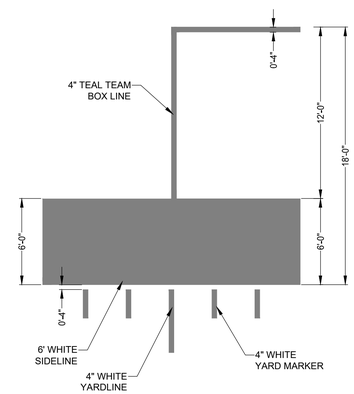
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

5 SIDELINE DETAIL
NOT TO SCALE



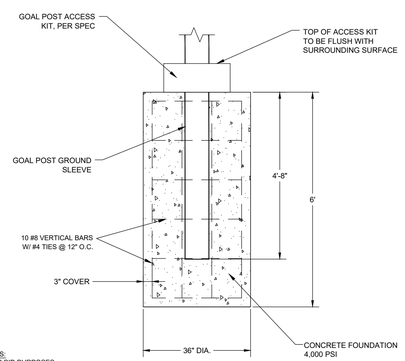
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.
3. ALL FOOTBALL LINES AND MARKINGS TO BE WHITE.

6 INBOUNDS LINE DETAIL
NOT TO SCALE



NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

7 TEAM BOX DETAIL
NOT TO SCALE



FIELD GOAL POST FOOTERS:
1. FOOTERS SHOWN FOR BID PURPOSES.
2. STRUCTURAL ENGINEERING DRAWINGS REQUIRED FOR ALL GOAL POST FOOTERS SIGNED AND SEALED BY NC STRUCTURAL ENGINEER PROVIDED BY CONTRACTOR.

8 FIELD GOAL FOUNDATION
NOT TO SCALE

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

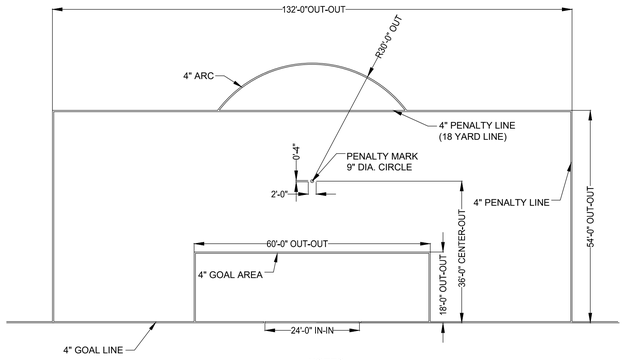
FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS

DATE: 03-09-26

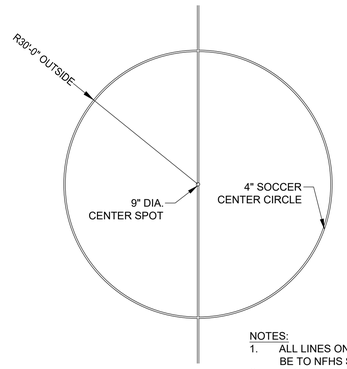
SHEET NAME:
DETAILS

SHEET NO:
D105



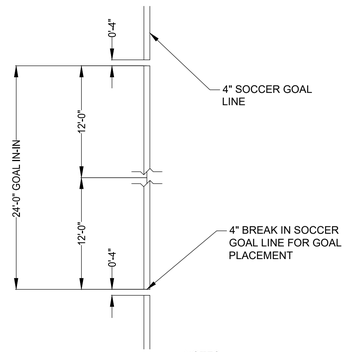
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

1 SOCCER GOAL AREA
NOT TO SCALE



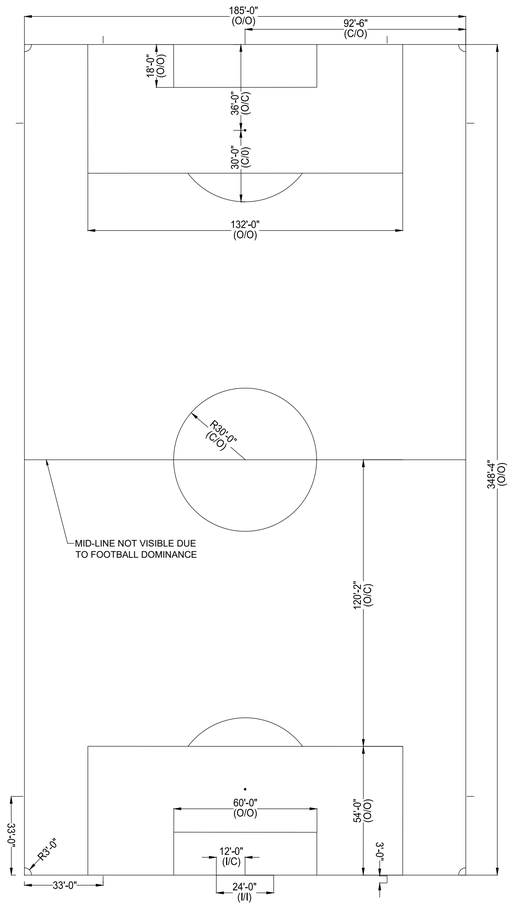
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

2 SOCCER CENTER CIRCLE
NOT TO SCALE



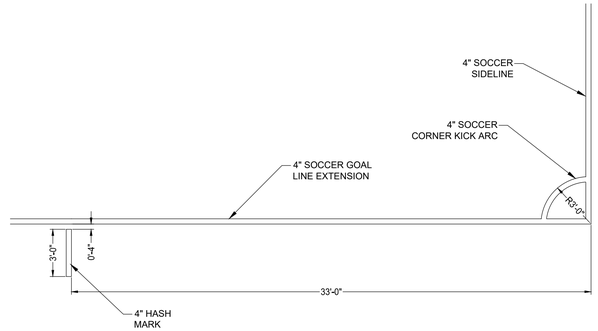
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

3 SOCCER GOAL MARKS
NOT TO SCALE



NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.
3. ALL SOCCER LINES AND MARKINGS TO BE YELLOW.

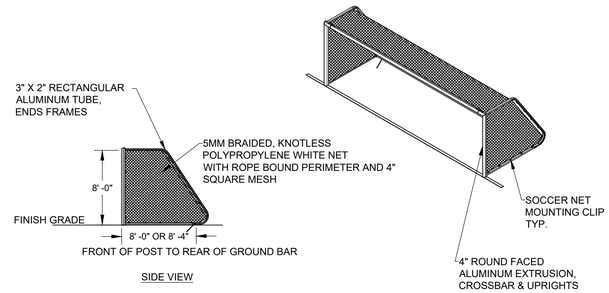
4 SOCCER FIELD DIAGRAM
NOT TO SCALE



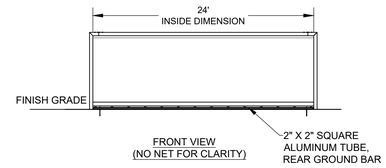
NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

5 SOCCER CORNER KICK
NOT TO SCALE

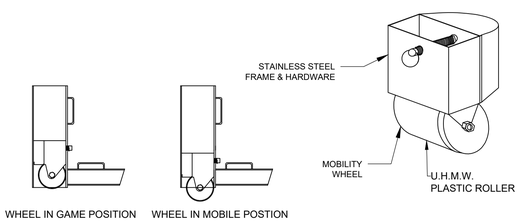
7 RESERVED
NOT TO SCALE



SIDE VIEW



FRONT VIEW
(NO NET FOR CLARITY)



WHEEL IN GAME POSITION

WHEEL IN MOBILE POSTION

6 8' x 24' SOCCER GOAL WITH INTEGRATED WHEEL KIT
NOT TO SCALE

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314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

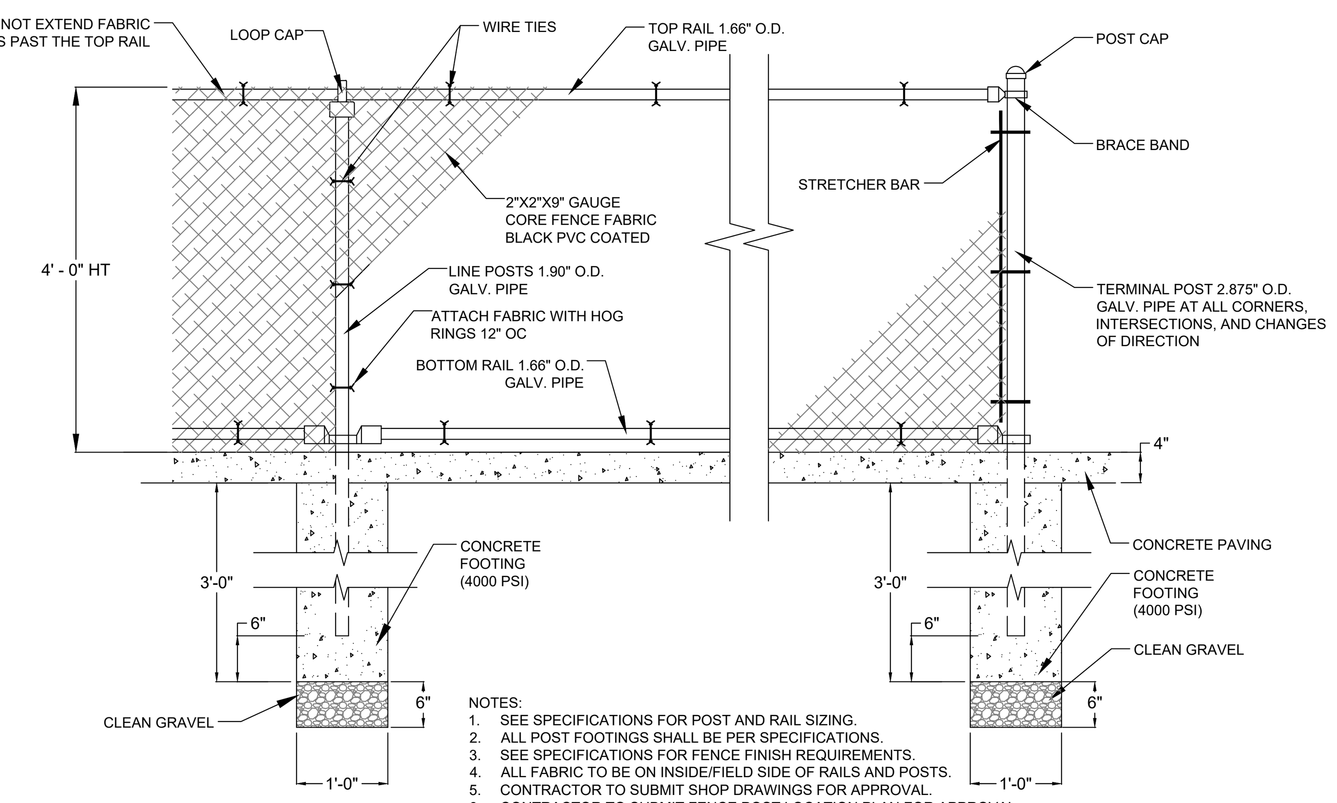
NORTH CAROLINA FITFIELDS, PLLC COA# 389 CERTIFICATE OF AUTHORIZATION

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

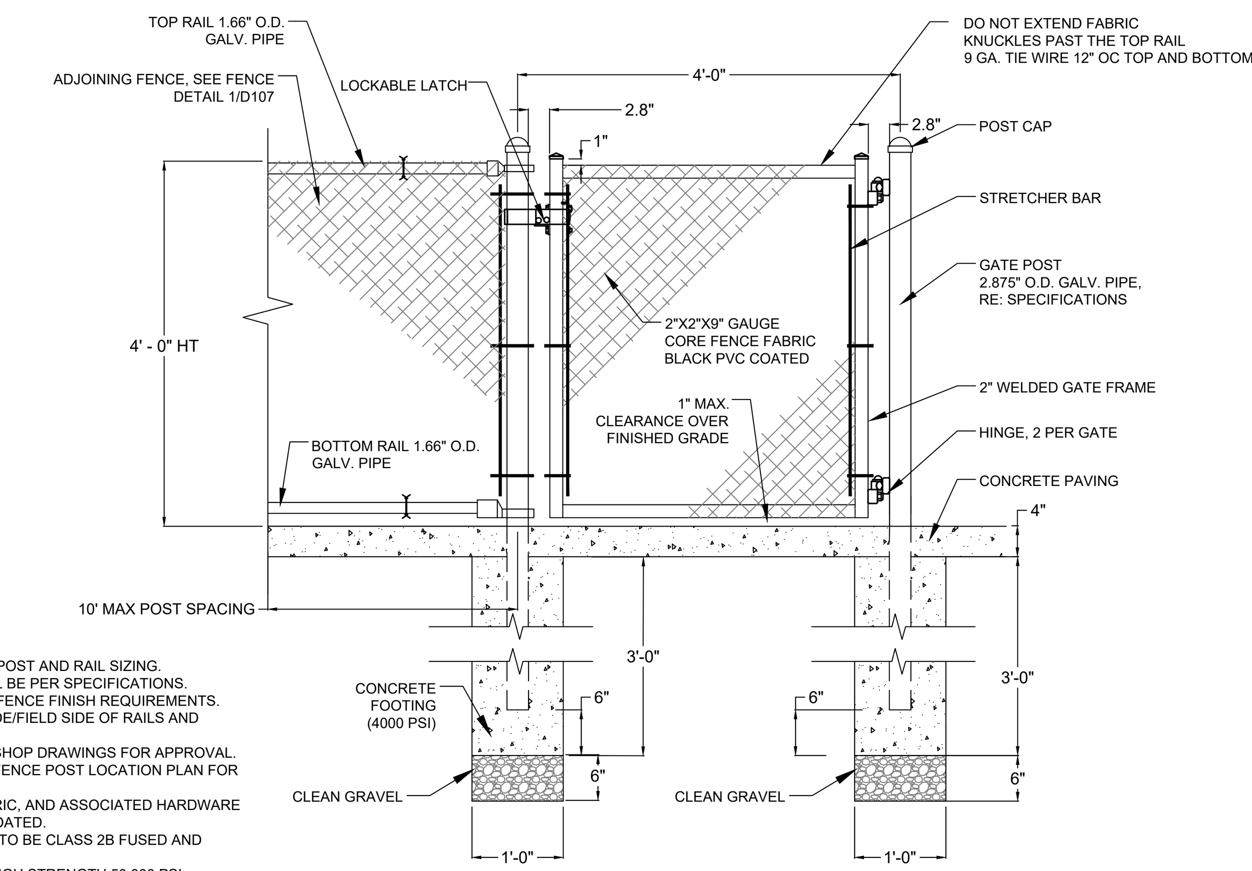
SCALE: NTS
DATE: 03-09-26
SHEET NAME:
DETAILS
SHEET NO:
D106



NOTES:
1. SEE SPECIFICATIONS FOR POST AND RAIL SIZING.
2. ALL POST FOOTINGS SHALL BE PER SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR FENCE FINISH REQUIREMENTS.
4. ALL FABRIC TO BE ON INSIDE/FIELD SIDE OF RAILS AND POSTS.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.
6. CONTRACTOR TO SUBMIT FENCE POST LOCATION PLAN FOR APPROVAL.
7. ALL FENCING, POSTS, FABRIC, AND ASSOCIATED HARDWARE BLACK PVC VINYL COATED.
8. BLACK PVC VINYL COATED TO BE CLASS 2B FUSED AND BONDED.
9. ALL FENCE POSTS TO BE HIGH STRENGTH 50,000 PSI
10. ALL GATES SHALL OPEN OUTWARDS AWAY FROM THE FIELD.

1 CHAIN LINK FENCE - 4' H.T.

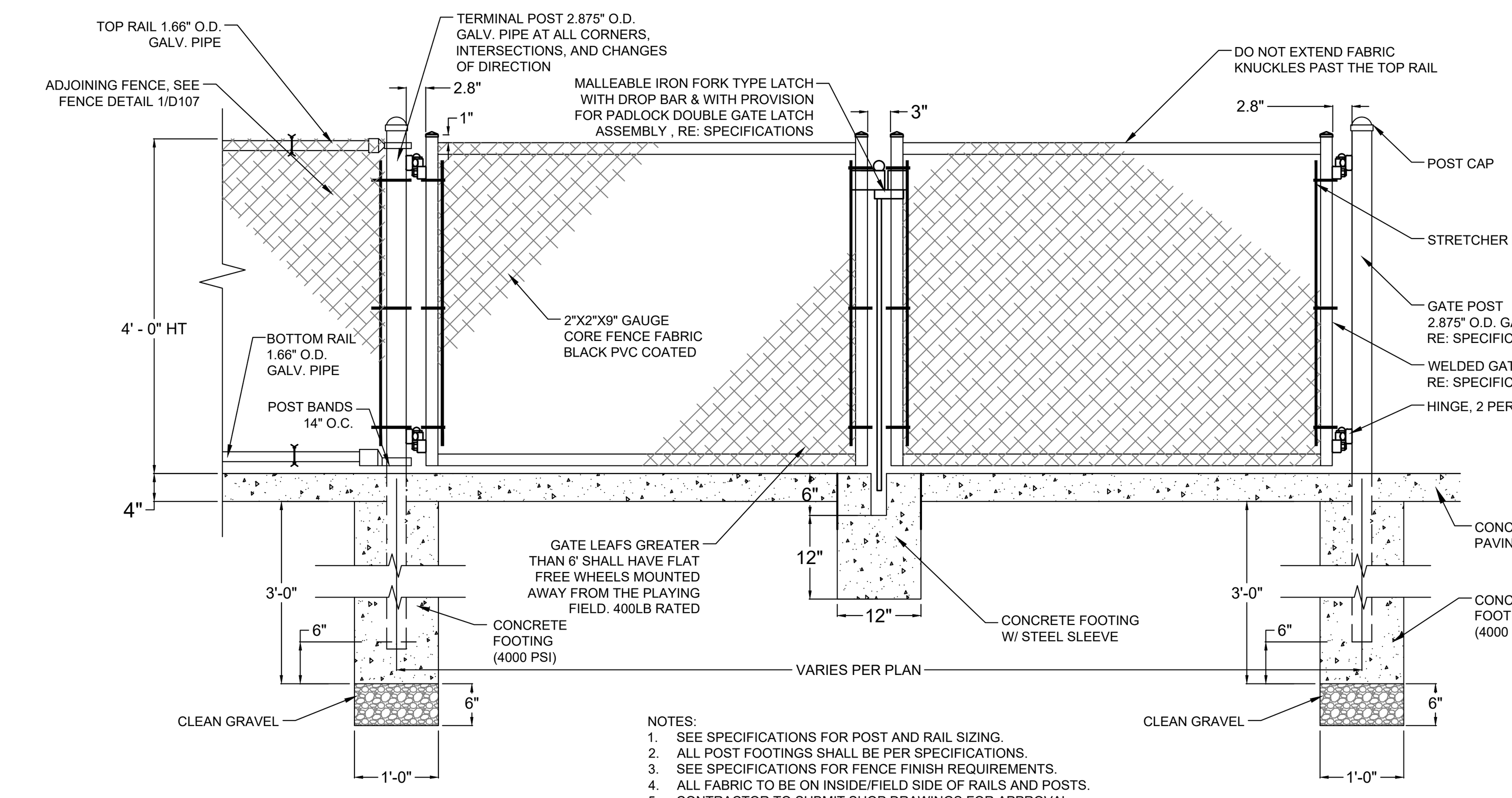
NOT TO SCALE



NOTES:
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2. ALL POST FOOTINGS SHALL BE PER SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR FENCE FINISH REQUIREMENTS.
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6. CONTRACTOR TO SUBMIT FENCE POST LOCATION PLAN FOR APPROVAL.
7. ALL FENCING, POSTS, FABRIC, AND ASSOCIATED HARDWARE TO BE BLACK PVC VINYL COATED.
8. BLACK PVC VINYL COATED TO BE CLASS 2B FUSED AND BONDED.
9. ALL FENCE POSTS TO BE HIGH STRENGTH 50,000 PSI
10. ALL GATES SHALL OPEN OUTWARDS AWAY FROM THE FIELD.

2 CHAIN LINK SINGLE GATE - 4' H.T.

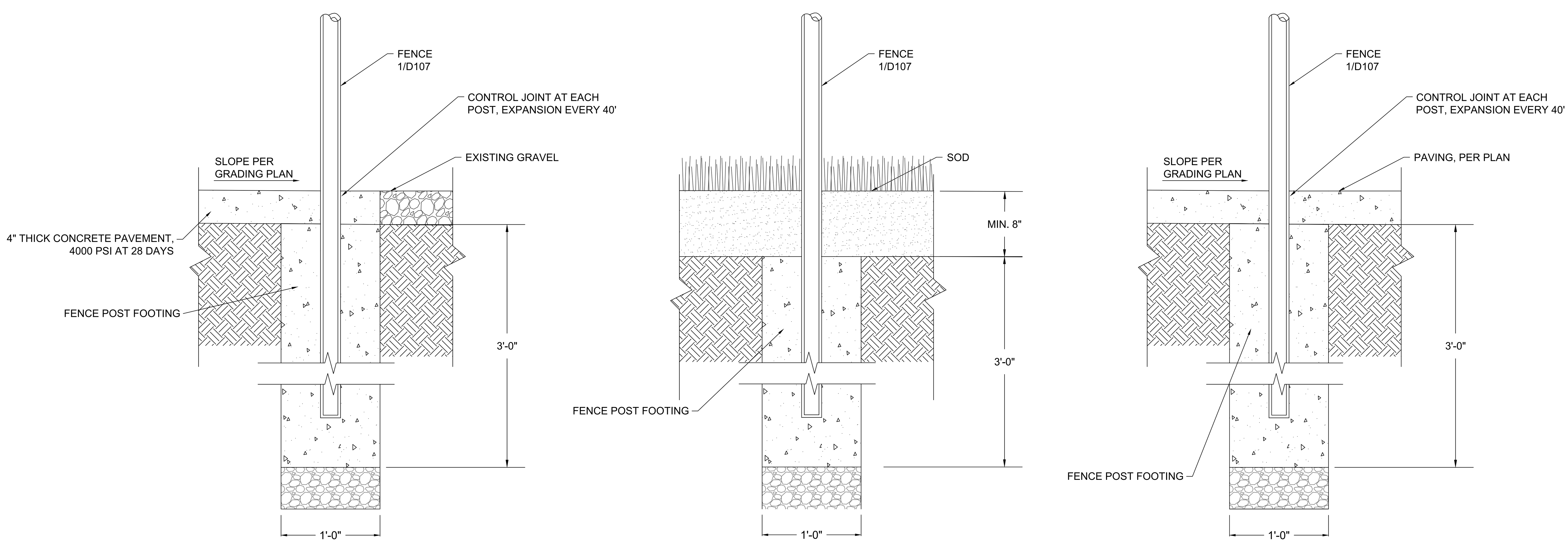
NOT TO SCALE



NOTES:
1. SEE SPECIFICATIONS FOR POST AND RAIL SIZING.
2. ALL POST FOOTINGS SHALL BE PER SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR FENCE FINISH REQUIREMENTS.
4. ALL FABRIC TO BE ON INSIDE/FIELD SIDE OF RAILS AND POSTS.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.
6. CONTRACTOR TO SUBMIT FENCE POST LOCATION PLAN FOR APPROVAL.
7. ALL FENCING, POSTS, FABRIC, AND ASSOCIATED HARDWARE TO BE BLACK PVC VINYL COATED.
8. BLACK PVC VINYL COATED TO BE CLASS 2B FUSED AND BONDED.
9. ALL FENCE POSTS TO BE HIGH STRENGTH 50,000 PSI
10. ALL GATES SHALL OPEN OUTWARDS AWAY FROM THE FIELD.

3 CHAIN LINK DOUBLE GATE - 4' H.T.

NOT TO SCALE



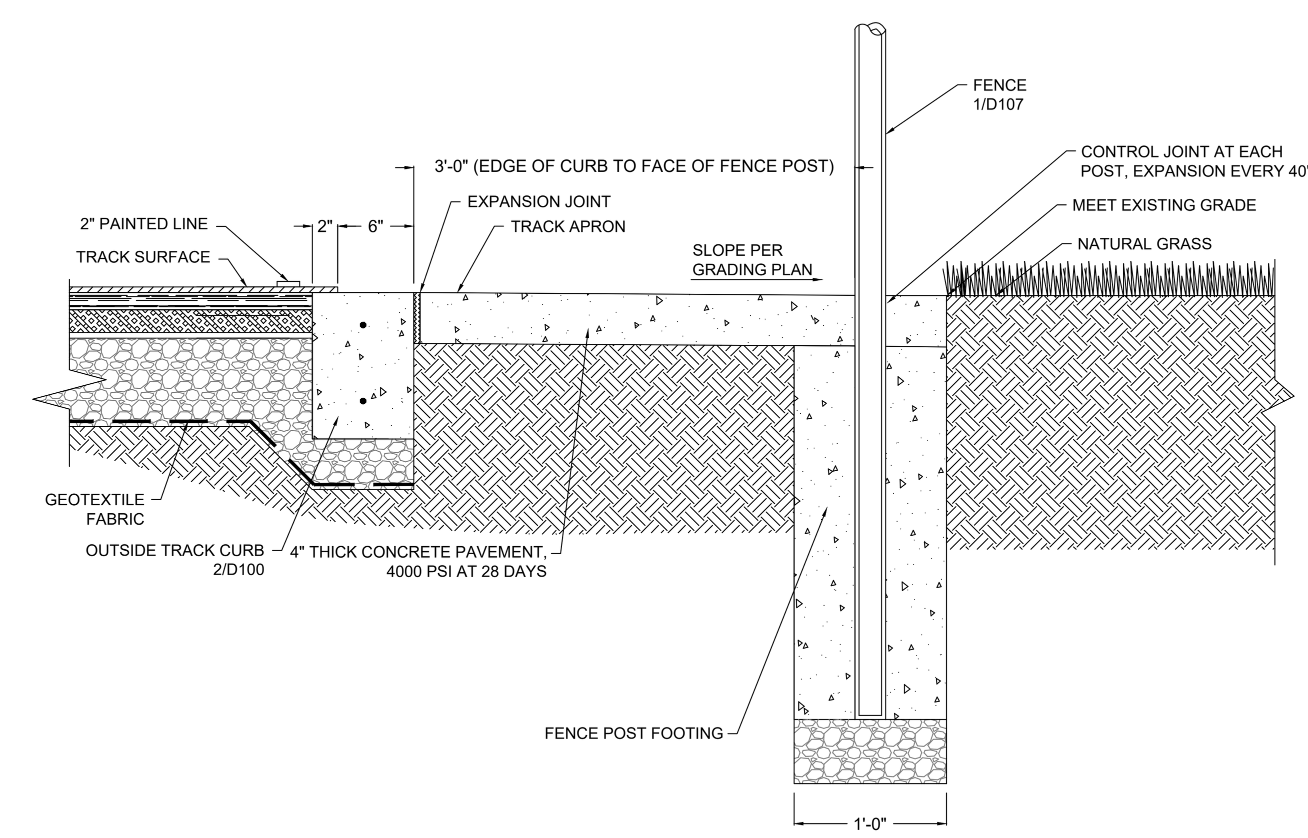
FOOTER ADJACENT TO EXISTING GRAVEL

FOOTER IN SOD

FOOTER IN PAVING

4 CHAIN LINK FENCE FOOTER

NOT TO SCALE



5 TRACK APRON

NOT TO SCALE

6 RESERVED

NOT TO SCALE

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL T. DODD

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL
SYNTHETIC TURF FIELD AND TRACK
5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS

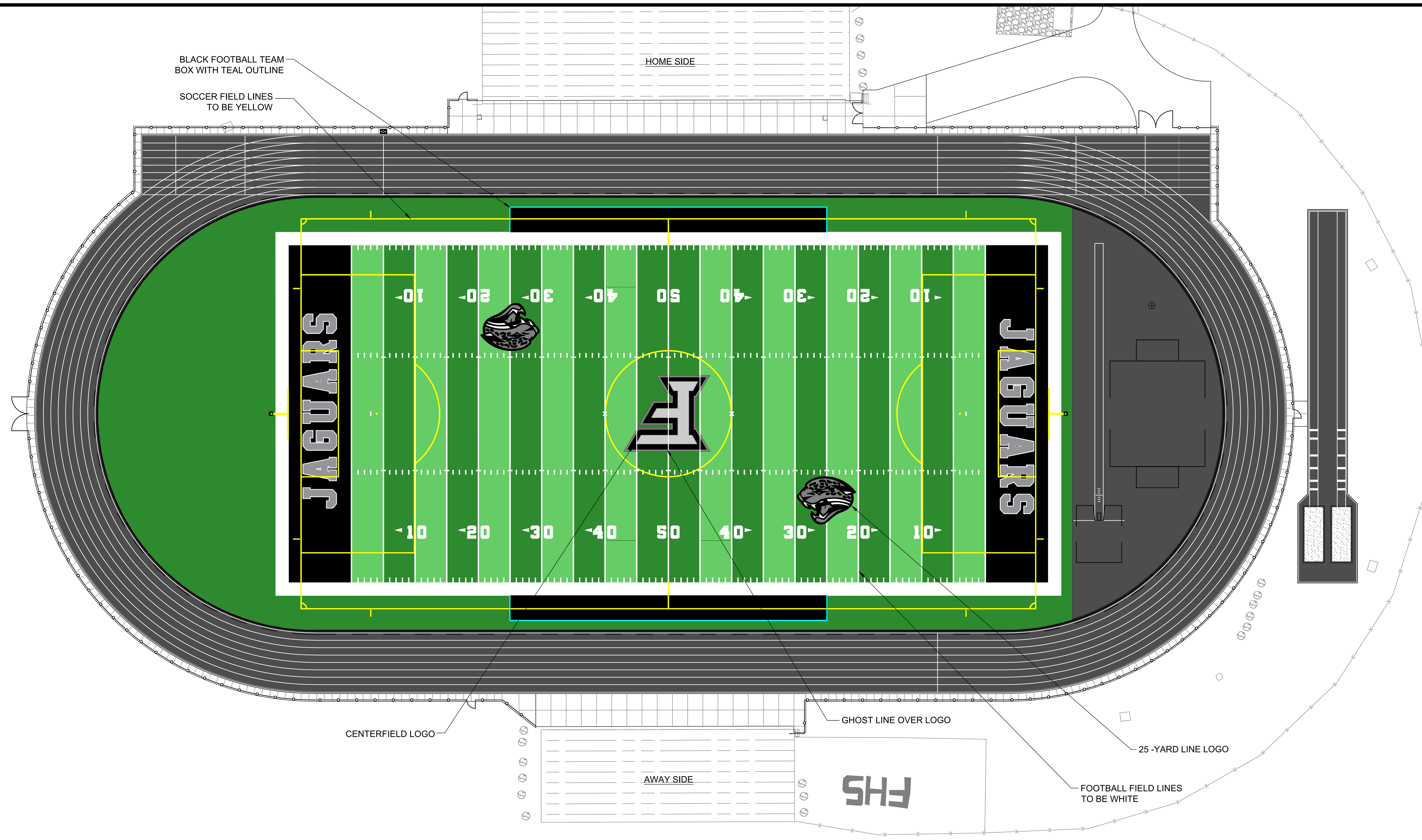
DATE: 03-09-26

SHEET NAME:

DETAILS

SHEET NO:

D107



1 FIELD GRAPHIC

NOT TO SCALE

NOTES:
1. ALL LINES ON THE FIELD SHOULD BE TO NFHS STANDARDS
2. SHOP DRAWINGS REQUIRED.

STRIPING IN ORDER OF DOMINANCE:
1. FOOTBALL (WHITE)
2. SOCCER (YELLOW)

2 RESERVED

NOT TO SCALE

3 RESERVED

NOT TO SCALE

4 RESERVED

NOT TO SCALE

FITFIELDS
314 TOM HALL ST.
FORT MILL, SC
803.981.4330
FITFIELDS.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL T. DODD

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION FITFIELDS, PLLC COA# 389

REVISIONS:

OWNER:
GASTON COUNTY SCHOOLS
943 OSCEOLA STREET
GASTONIA, NC 28054

FORESTVIEW HIGH SCHOOL SYNTHETIC TURF FIELD AND TRACK

5545 UNION ROAD
GASTONIA, NC 28056

SCALE: NTS
DATE: 03-09-26
SHEET NAME: DETAILS
SHEET NO: D108