

TRACK RENOVATION PROJECT EAGLEBROOK SCHOOL

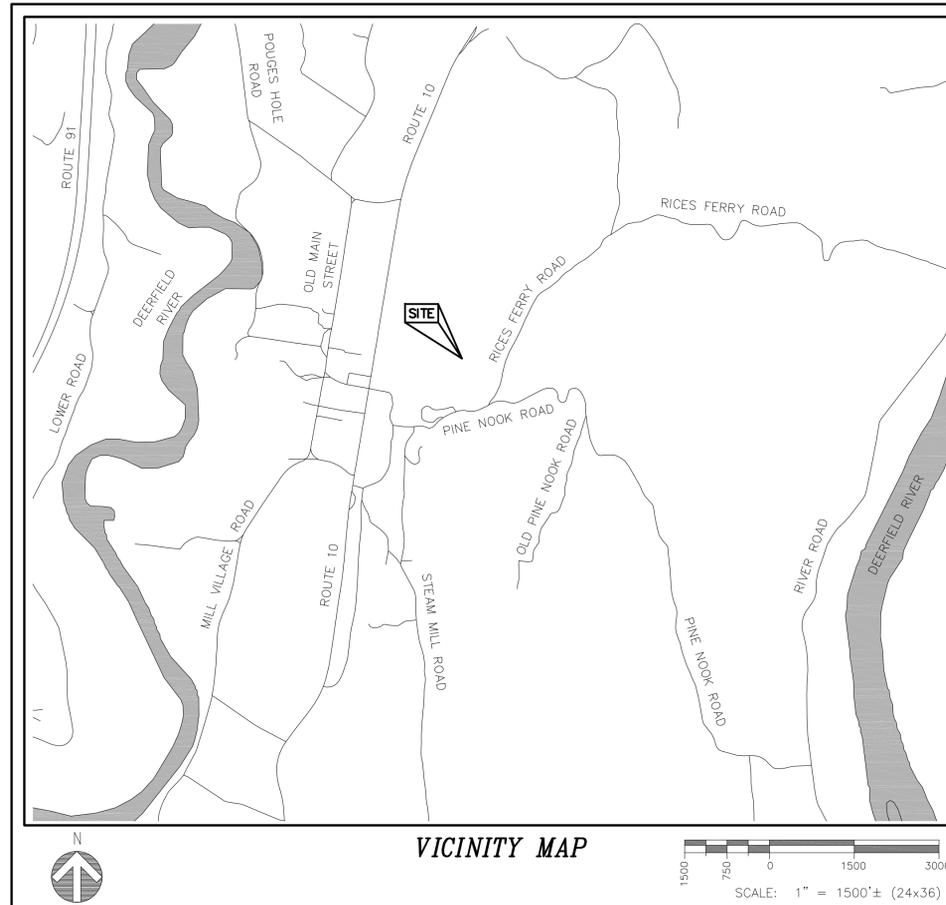
PINE NOOK ROAD DEERFIELD, MA

DRAWING LIST

SHEET NUMBER	TITLE
T-1	COVER SHEET
-	EXISTING CONDITIONS (2 SHEETS)
S-1	OVERALL SITE AND EROSION CONTROL PLAN
C-1	PROPOSED DRAINAGE AND GRADING PLAN
DET-1	PROPOSED FIELD DETAILS AND CROSS SECTION SHEET
D-1 to D-2	SITE DETAILS

GENERAL NOTES

1. THE PURPOSE OF THESE PLANS IS FILE NOTICE OF INTENT FOR IMPROVEMENTS TO THE EXISTING SPORTS FIELD, LOCATED OFF PINE NOOK ROAD, ON THE EAGLEBROOK SCHOOL CAMPUS.
2. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND/OR EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM: 1-888-344-7233.
3. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER & EAGLEBROOK SCHOOL REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
4. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH EAGLEBROOK SCHOOL CONSTRUCTION GUIDELINES.
5. THE CONSTRUCTION SHOWN HEREIN MAY REQUIRE SPECIAL INSPECTIONS UNDER SECTION 17 OF THE BUILDING CODE. THE CONTRACTOR SHALL VERIFY WITH THE AUTHORITIES HAVING JURISDICTION (AHJ) PRIOR TO CONSTRUCTION AND ENGAGE THE INSPECTOR AND/OR APPROPRIATE 3RD PARTIES AS MAY BE REQUIRED.
6. CONTRACTOR TO PROVIDE SHOP DRAWINGS, CATALOG CUT SHEETS, MATERIAL SUBMITTALS, ETC. FOR REVIEW BY ENGINEER OF RECORD PRIOR TO STARTING CONSTRUCTION.
7. CONTRACTOR SHALL OBTAIN A COPY OF ALL PERMITTING APPROVALS AND ORDERS OF CONDITIONS PRIOR TO STARTING CONSTRUCTION. A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH THE CONTRACTOR, ENGINEER, CONSERVATION COMMISSION AGENT, AND OWNER.



SURVEYOR:
NORTHEAST SURVEY CONSULTANTS
3 FERRY STREET
STUDIO 1 EAST
EASTHAMPTON, MA 01027
PH: 413.203.5144

FIELD DESIGN ENGINEER:
R.A.D. SPORTS
171 VFW DRIVE
ROCKLAND, MA 02370
PH: 781.871.4400

SITE CIVIL ENGINEER:
PROTERRA DESIGN GROUP, LLC
4 BAY ROAD, BUILDING A, SUITE 200
HADLEY, MA 01035
PH: 413.320.4918

OWNER:
ALLEN-CHASE FOUNDATION
D/B/A EAGLEBROOK SCHOOL
279 PINE NOOK ROAD
DEERFIELD, MA 01342
PH: 413.774.9166

NO.	DATE	SUBMISSION/REVISIONS	BY	CHK	APP'D
0	04/13/23	ISSUED FOR NOI	JEB	JMM	TEJ

TITLE:
**TRACK RENOVATION
PROJECT
EAGLEBROOK SCHOOL**

OWNER:
**ALLEN-CHASE FOUNDATION
D/B/A EAGLEBROOK SCHOOL
279 PINE NOOK ROAD
DEERFIELD, MA 01342**

TITLE:	
COVER SHEET	
DRAWING NAME: EBS_Fields_COV.dwg	
JOB NUMBER: 23-027	DATE: APRIL 13, 2023
DESIGN: JEB	CHECK: JMM
SCALE: AS NOTED	SHEET NO.: T-1



LEGEND

	CATCH BASIN
	DRAIN MANHOLE
	INVERT
	ELECTRIC BOX
	IRRIGATION CONTROL BOX
	TEMPORARY BENCHMARK (TBM)
	WETLAND FLAG
	POST/BOLLARD
	ASSESSORS ID
	BITUMINOUS CONCRETE
	CONCRETE
	BITUMINOUS CURB
	GRANITE CURB
	LANDSCAPING
	GIS PROPERTY LINE
	CONTOUR LINE
	UNDERGROUND WATER
	UNDERGROUND ELECTRIC
	UNDERGROUND DRAIN
	WETLAND DELINEATION
	WETLAND BUFFER
	TREE LINE

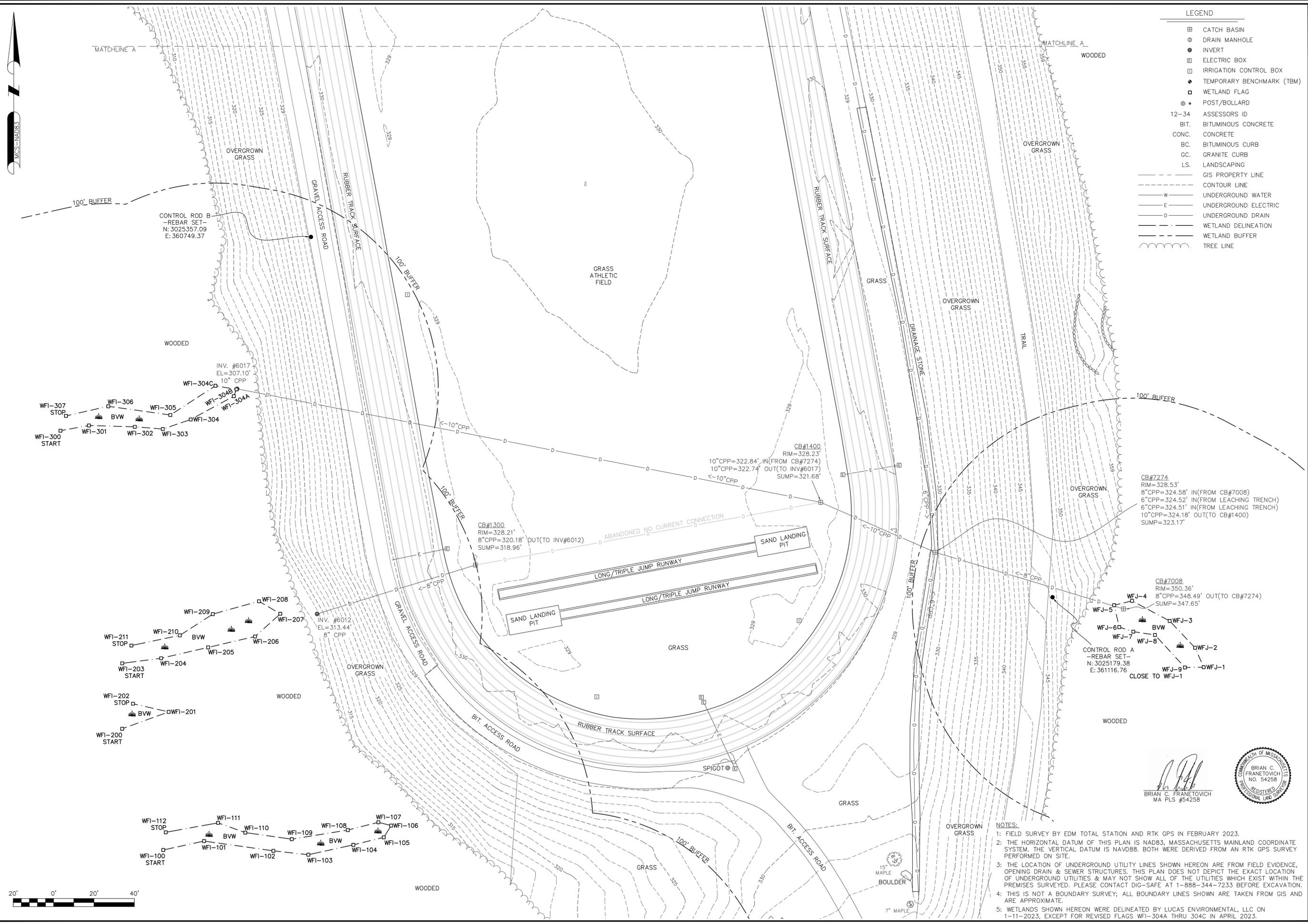
NORTHEAST SURVEY CONSULTANTS
 3 FERRY STREET
 STUDIO 1 EAST
 EASTHAMPTON, MA 01027
 (413) 203-5144

EXISTING CONDITIONS

SURVEYOR:	BCF	ENGINEER:	—
DRAFTING:	JED	DESIGN:	—
FIELD WORK:	NAE, NC	HORZ. SCALE:	1"=20'
PROJECT NUMBER:	23-033	VERT. SCALE:	—
DRAWING NAME:	23-033.DWG	DATE:	04-10-2023

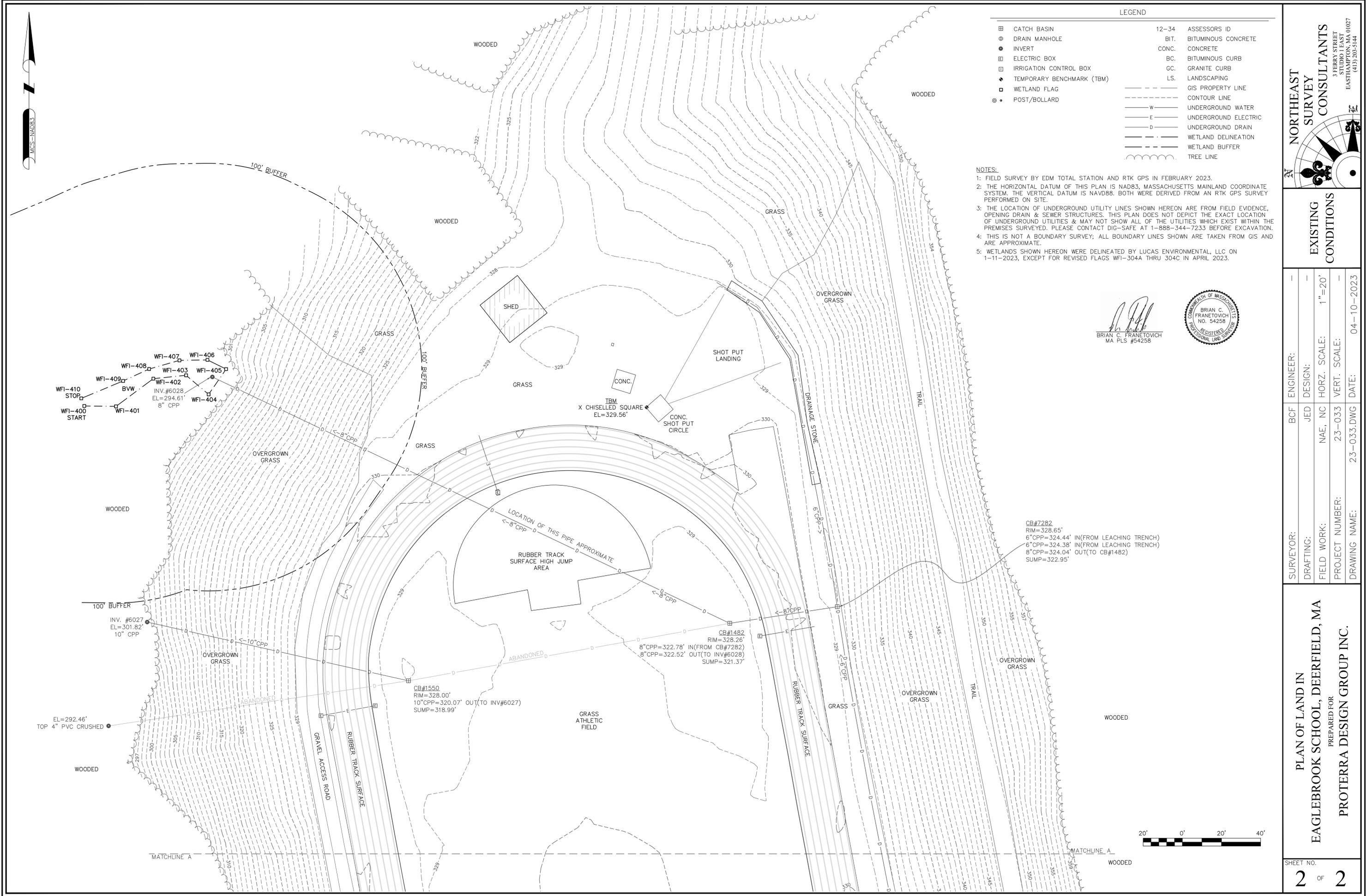
PLAN OF LAND IN
EAGLEBROOK SCHOOL, DEERFIELD, MA
 PREPARED FOR
PROTERA DESIGN GROUP INC.

SHEET NO. **1** OF **2**



- NOTES:
- 1: FIELD SURVEY BY EDM TOTAL STATION AND RTK GPS IN FEBRUARY 2023.
 - 2: THE HORIZONTAL DATUM OF THIS PLAN IS NAD83, MASSACHUSETTS MAINLAND COORDINATE SYSTEM. THE VERTICAL DATUM IS NAVD88. BOTH WERE DERIVED FROM AN RTK GPS SURVEY PERFORMED ON SITE.
 - 3: THE LOCATION OF UNDERGROUND UTILITY LINES SHOWN HEREON ARE FROM FIELD EVIDENCE, OPENING DRAIN & SEWER STRUCTURES. THIS PLAN DOES NOT DEPICT THE EXACT LOCATION OF UNDERGROUND UTILITIES & MAY NOT SHOW ALL OF THE UTILITIES WHICH EXIST WITHIN THE PREMISES SURVEYED. PLEASE CONTACT DIG-SAFE AT 1-888-344-7233 BEFORE EXCAVATION.
 - 4: THIS IS NOT A BOUNDARY SURVEY; ALL BOUNDARY LINES SHOWN ARE TAKEN FROM GIS AND ARE APPROXIMATE.
 - 5: WETLANDS SHOWN HEREON WERE DELINEATED BY LUCAS ENVIRONMENTAL, LLC ON 1-11-2023, EXCEPT FOR REVISED FLAGS WFI-304A THRU 304C IN APRIL 2023.

BRIAN C. FRANETOVOICH
 MA PLS #54258



LEGEND

▣	CATCH BASIN	12-34	ASSESSORS ID
●	DRAIN MANHOLE	BIT.	BITUMINOUS CONCRETE
○	INVERT	CONC.	CONCRETE
□	ELECTRIC BOX	BC.	BITUMINOUS CURB
⊠	IRRIGATION CONTROL BOX	GC.	GRANITE CURB
◆	TEMPORARY BENCHMARK (TBM)	LS.	LANDSCAPING
◇	WETLAND FLAG	---	GIS PROPERTY LINE
⊙	POST/BOLLARD	---	CONTOUR LINE
		---	UNDERGROUND WATER
		---	UNDERGROUND ELECTRIC
		---	UNDERGROUND DRAIN
		---	WETLAND DELINEATION
		---	WETLAND BUFFER
		---	TREE LINE

- NOTES:
- 1: FIELD SURVEY BY EDM TOTAL STATION AND RTK GPS IN FEBRUARY 2023.
 - 2: THE HORIZONTAL DATUM OF THIS PLAN IS NAD83, MASSACHUSETTS MAINLAND COORDINATE SYSTEM. THE VERTICAL DATUM IS NAVD88. BOTH WERE DERIVED FROM AN RTK GPS SURVEY PERFORMED ON SITE.
 - 3: THE LOCATION OF UNDERGROUND UTILITY LINES SHOWN HEREON ARE FROM FIELD EVIDENCE, OPENING DRAIN & SEWER STRUCTURES. THIS PLAN DOES NOT DEPICT THE EXACT LOCATION OF UNDERGROUND UTILITIES & MAY NOT SHOW ALL OF THE UTILITIES WHICH EXIST WITHIN THE PREMISES SURVEYED. PLEASE CONTACT DIG-SAFE AT 1-888-344-7233 BEFORE EXCAVATION.
 - 4: THIS IS NOT A BOUNDARY SURVEY; ALL BOUNDARY LINES SHOWN ARE TAKEN FROM GIS AND ARE APPROXIMATE.
 - 5: WETLANDS SHOWN HEREON WERE DELINEATED BY LUCAS ENVIRONMENTAL, LLC ON 1-11-2023, EXCEPT FOR REVISED FLAGS WFI-304A THRU 304C IN APRIL 2023.

Brian C. Franetovich
 BRIAN C. FRANETOVOICH
 MA PLS #54258



NORTHEAST SURVEY CONSULTANTS
 3 FERRY STREET
 STUDIO 1 LEAS
 EASTHAMPTON, MA 01027
 (413) 203-5144

EXISTING CONDITIONS

SURVEYOR:	BCF	ENGINEER:	JED
DRAFTING:	NAE, NC	DESIGN:	23-033
FIELD WORK:	23-033.DWG	HORIZ. SCALE:	1"=20'
PROJECT NUMBER:	23-033	VERT. SCALE:	1"=20'
DRAWING NAME:	23-033.DWG	DATE:	04-10-2023

PLAN OF LAND IN
EAGLEBROOK SCHOOL, DEERFIELD, MA
 PREPARED FOR
PROTERA DESIGN GROUP INC.



CONSULTANT:

NO. DATE REVISIONS
0 04/13/23 ISSUED FOR NOI

**TRACK RENOVATION PROJECT
EAGLEBROOK SCHOOL**

ALLEN-CHASE FOUNDATION
D/B/A EAGLEBROOK SCHOOL
279 PINE NOOK ROAD
DEERFIELD, MA 01842

TITLE:

STAMP:



DATE: 04/13/2023

DRAWN: JEB

CHECK: JMM/TEJ

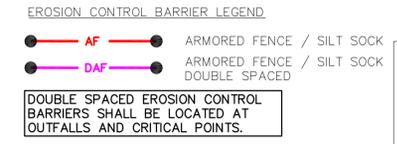
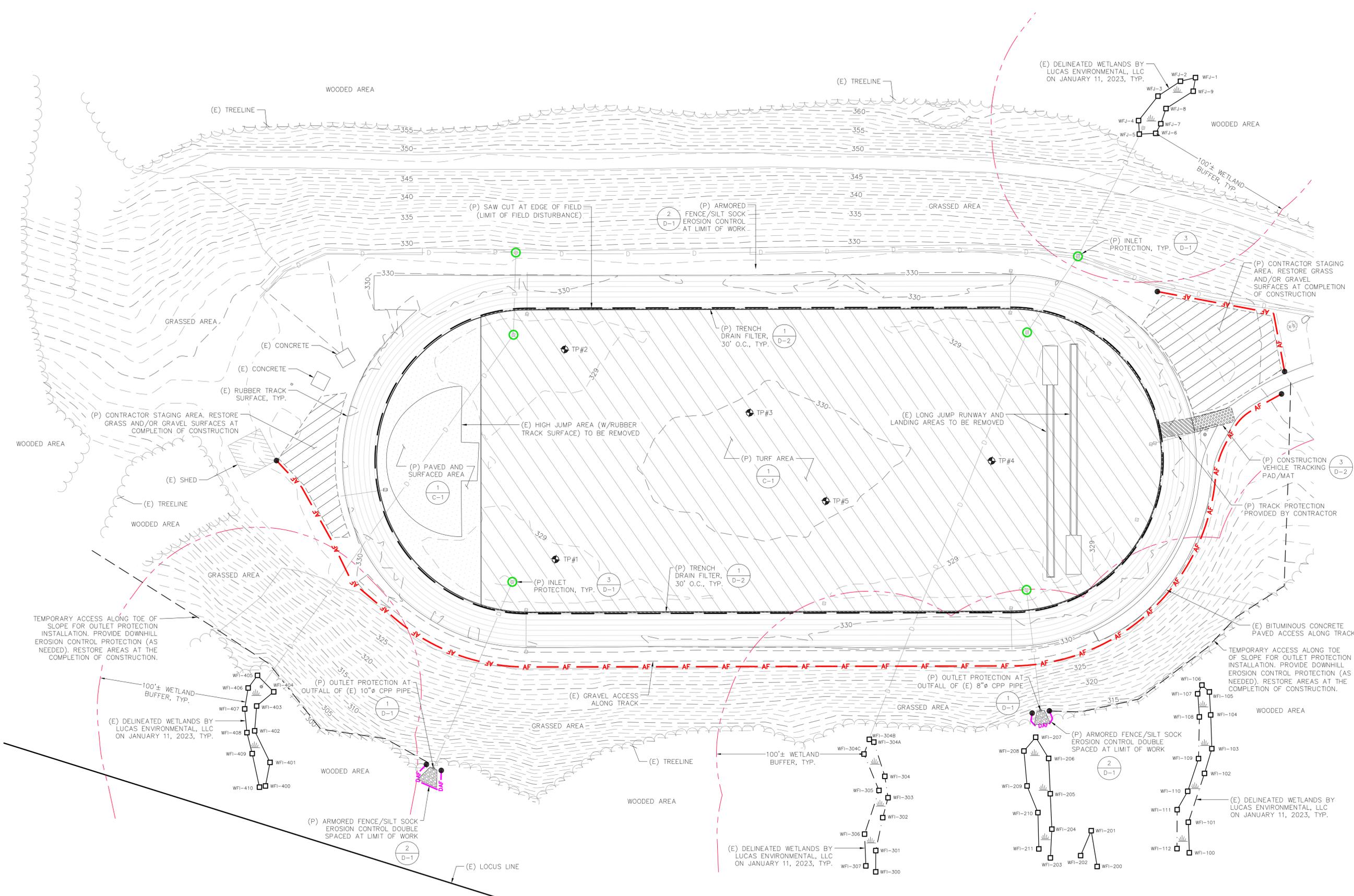
SCALE: SEE PLAN

JOB NO.: 23-027

SHEET TITLE:

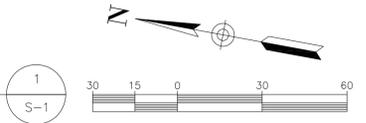
**OVERALL SITE
AND EROSION
CONTROL PLAN**

S-1



TOTAL SITE DISTURBANCE = 2.50± ACRES
DISTURBANCE WITHIN 100' WETLANDS BUFFER = 0.05± ACRES
TEMPORARY DISTURBANCE WITHIN 100' WETLANDS BUFFER = 0.07± ACRES (ACCESS TO PIPE OUTLET PROTECTION WORK AREAS)

OVERALL SITE AND EROSION CONTROL PLAN
SCALE: 1"=30' (30x42)





Specializing in the construction of high-quality sports facilities

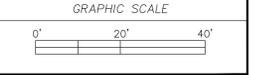
171 VFW DRIVE
ROCKLAND, MA 02370
P: 781-871-4400
F: 781-878-1161
www.radsports.com

PROJECT:
TRACK RENOVATION PROJECT
EAGLEBROOK SCHOOL
279 PINE NOOK ROAD

OWNER:
EAGLEBROOK SCHOOL

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	EAGLEBROOK
DESIGNED BY	R.A.D. SPORTS
DRAWN BY	STB/HAM
CHECKED BY	
DATE	04-07-2023
DRAWING SCALE	1"=20'-0"



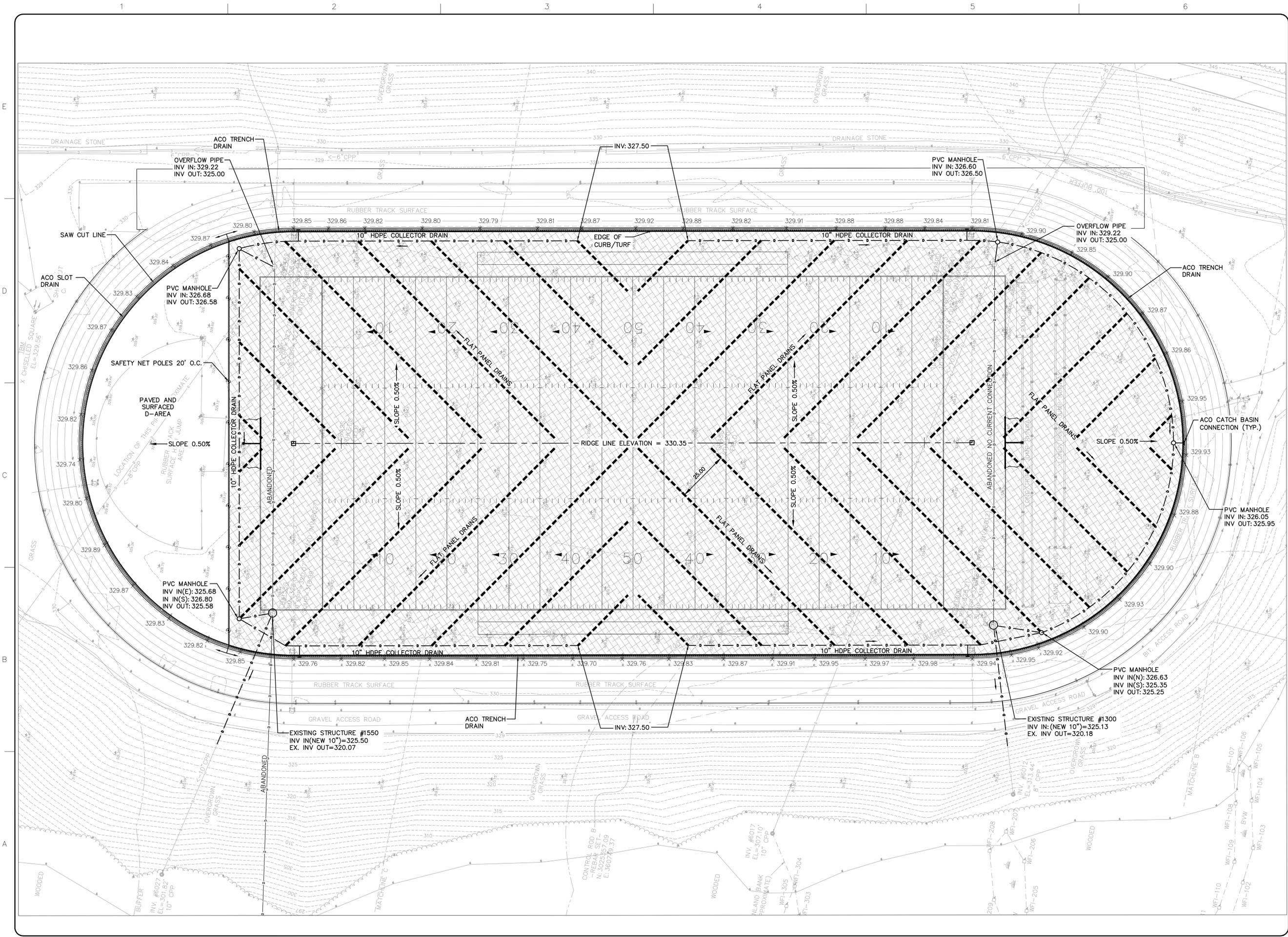
SHEET TITLE

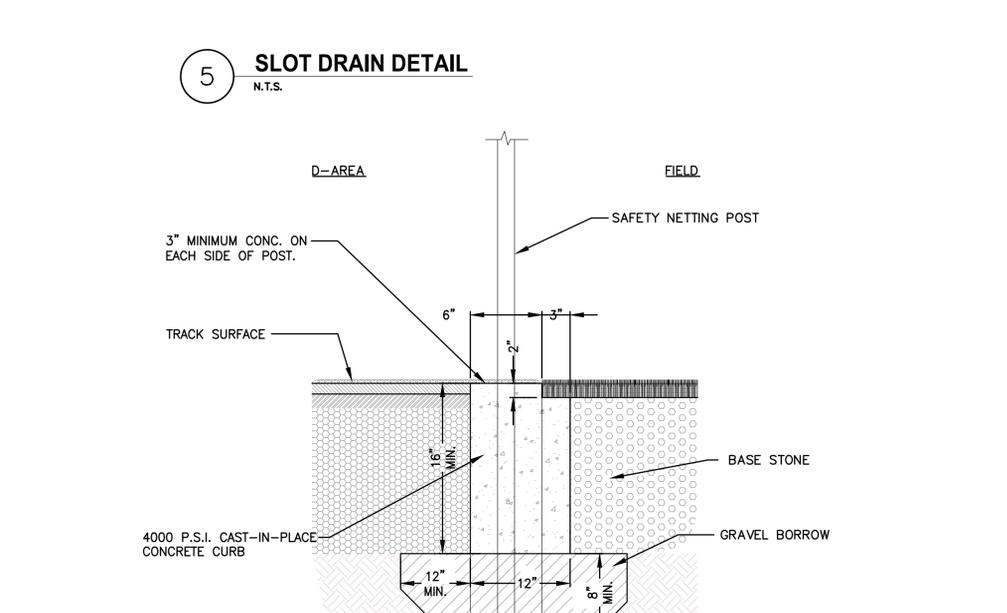
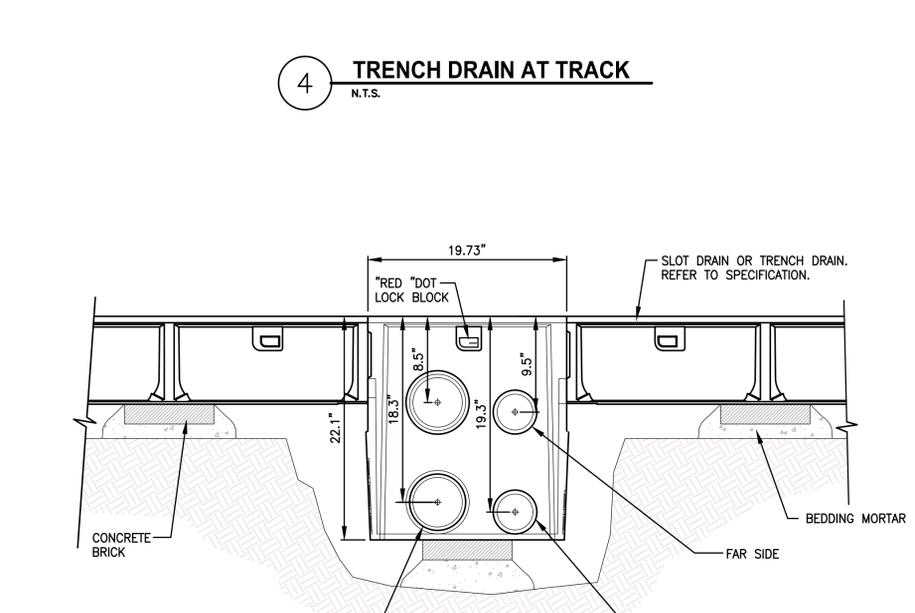
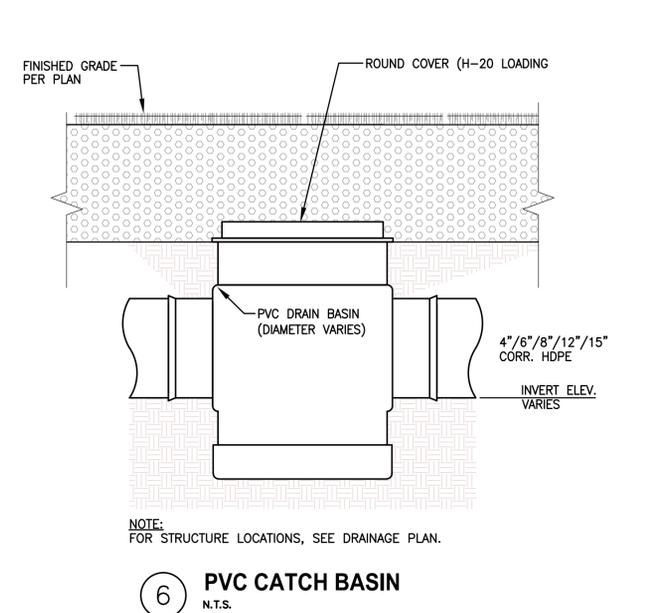
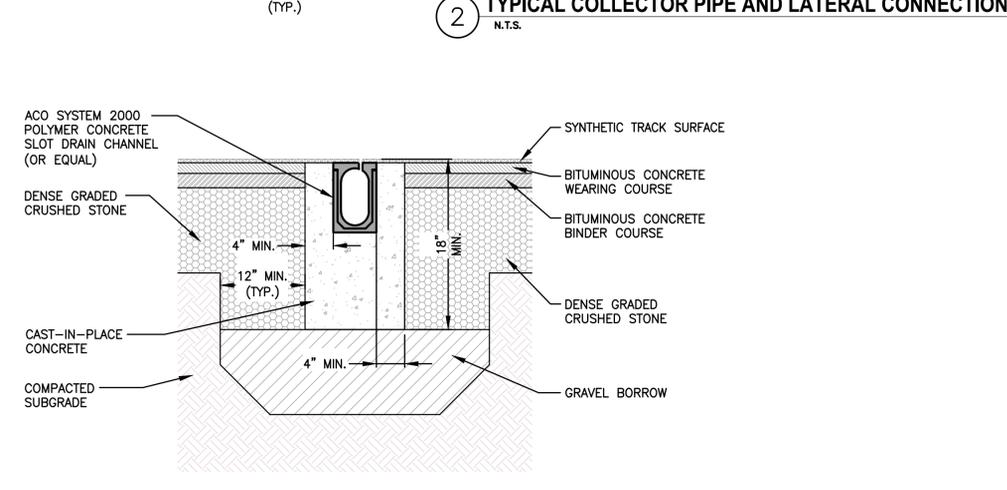
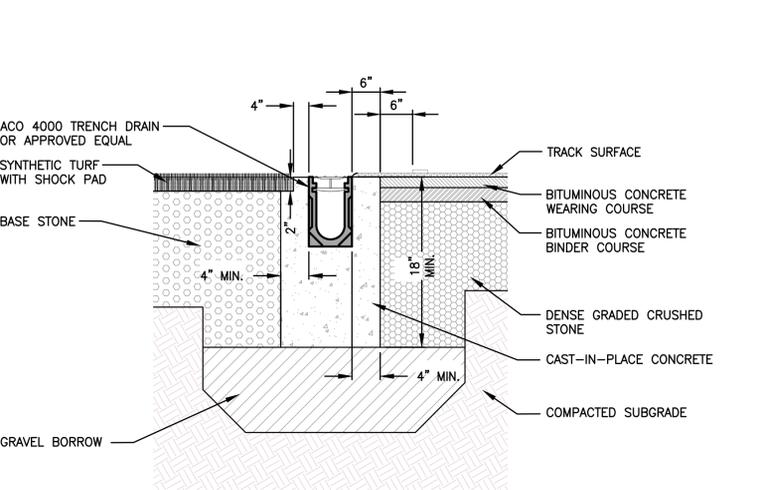
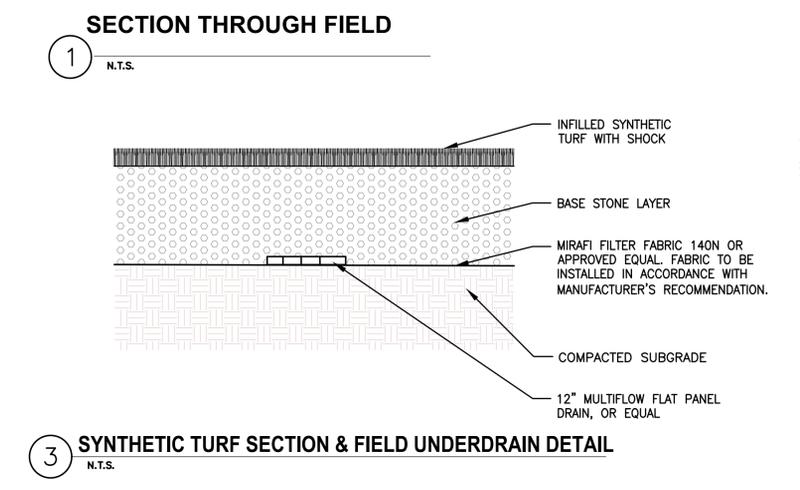
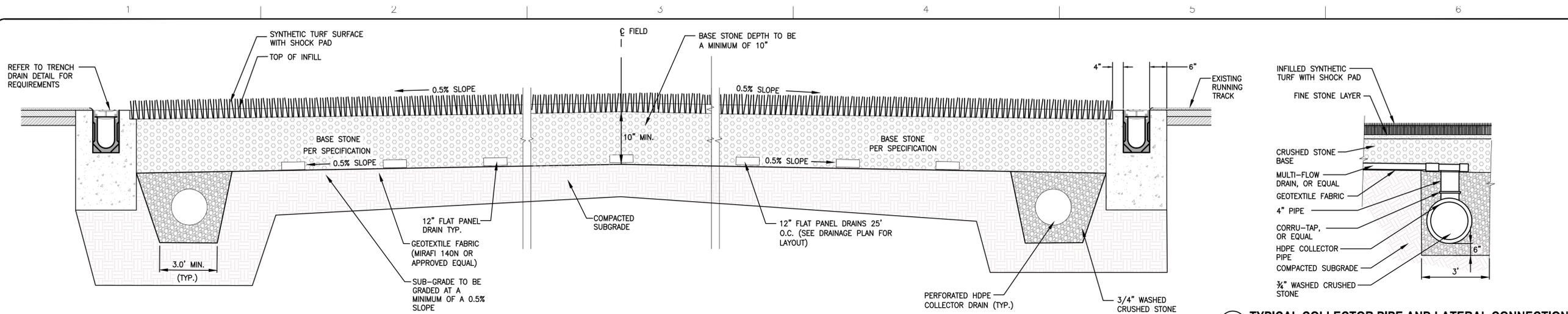
PROPOSED DRAINAGE AND GRADING PLAN

DRAWING NO.

C-1

PROJECT NO. EB BID





R.A.D. SPORTS
 Specializing in the construction of high-quality sports facilities
 171 VFW DRIVE
 ROCKLAND, MA 02370
 P: 781-871-4400
 F: 781-878-1161
 www.radsports.com

PROJECT: TRACK RENOVATION PROJECT
 EAGLEBROOK SCHOOL
 279 PINE NOOK ROAD
 OWNER: EAGLEBROOK SCHOOL

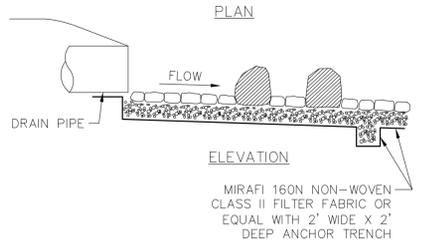
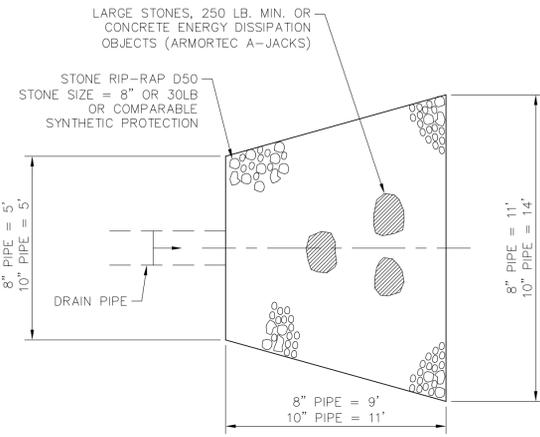
REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	EAGLEBROOK
DESIGNED BY	R.A.D SPORTS
DRAWN BY	STB/HAM
CHECKED BY	
DATE	04-07-2023
DRAWING SCALE	N.T.S.
GRAPHIC SCALE	

SHEET TITLE
PROPOSED FIELD DETAILS AND CROSS SECTION SHEET

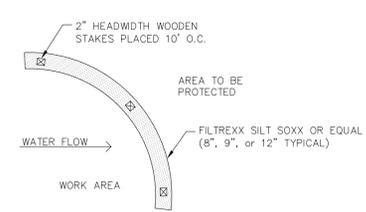
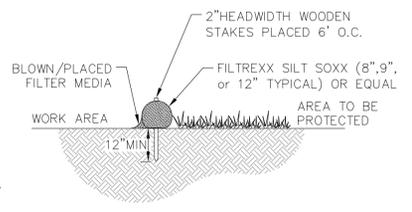
DRAWING NO.
DET-1

PROJECT NO. **EB BD**

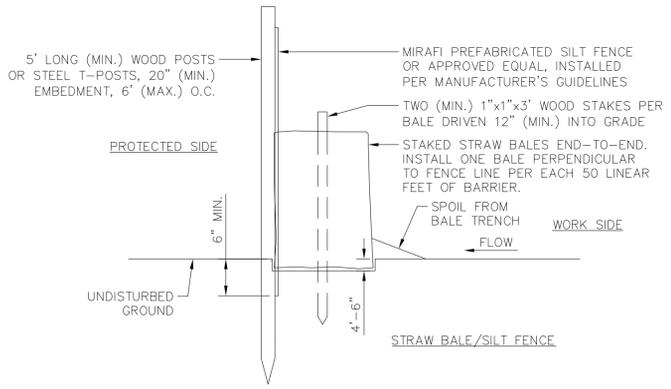


OUTLET PROTECTION
SCALE: NONE

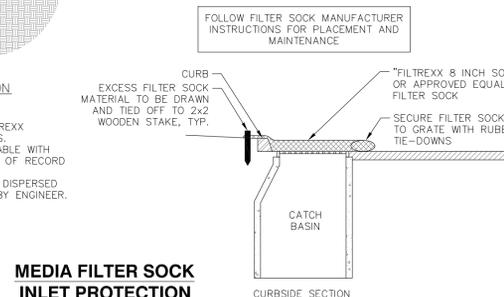
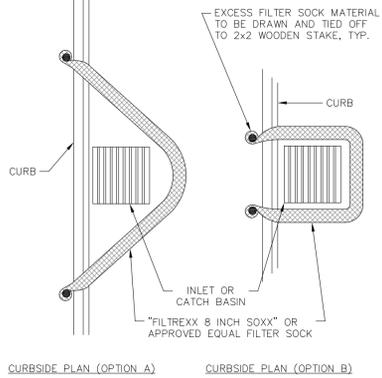
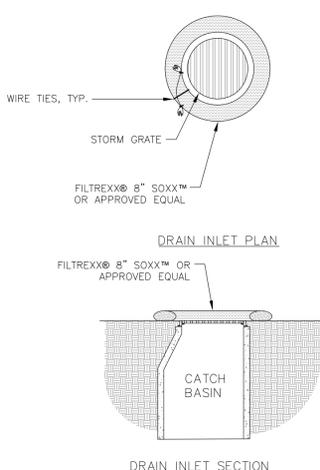
- NOTES:**
1. USE SILT SOXX WHERE CONDITIONS DO NOT ALLOW STAKES TO BE DRIVEN.
 2. SILT SOXX FILL TO MEET FILTREXX SPECIFICATIONS AND APPLICATION REQUIREMENTS.
 3. SILT SOXX COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
 4. FILTER MEDIA/STRAW BALES TO BE INERT AND FREE FROM INVASIVE WEEDS AND NON-NATIVE SPECIES.
 5. MAY STAKE BEHIND SOCK AT SLIGHT ANGLE (6" O.C.).



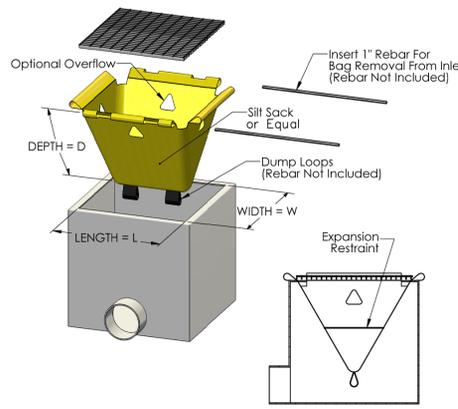
SILT SOXX / COMPOST MEDIA SOCK



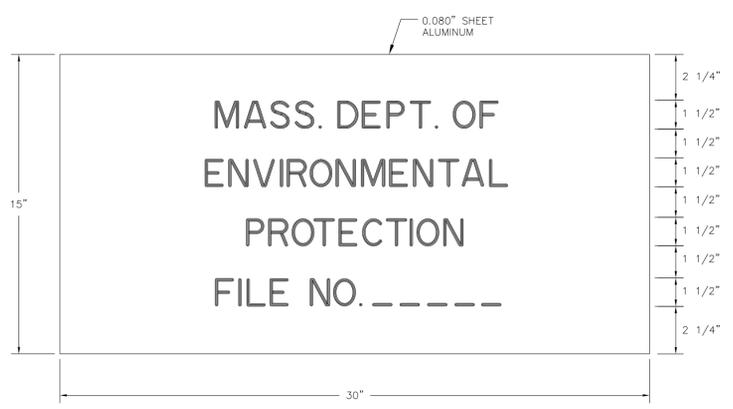
EROSION CONTROL BARRIER
SCALE: NONE



MEDIA FILTER SOCK INLET PROTECTION
INLET PROTECTION DETAILS
SCALE: NONE



CATCH BASIN FILTER



- LEGEND - BLACK (NON-REFLECTORIZED) BACKGROUND - WHITE (REFLECTORIZED)**
- THE SIGN IS TO BE MOUNTED ON A MASSDOT HIGHWAY DIVISION STANDARD "P-5" POST.
- NOTES:**
1. THE SIGN IS PLACED ON ALL PROJECTS SUBJECT TO THE PROVISIONS OF THE MASSACHUSETTS WETLANDS PROTECTION ACT.
 2. THE LOCATION OF THE SIGN IS TO BE DETERMINED BY THE ENGINEER.
 3. SEE SPECIAL PROVISIONS FOR MANUFACTURE, MAINTENANCE, ERECTION AND REMOVAL RESPONSIBILITIES.
 4. USE SERIES "D" FOR LETTERING.

WETLANDS PROTECTION ACT SIGN
NOT TO SCALE

EROSION CONTROL NOTES

1. OWNER/APPLICANT PROPOSES TO RENOVATE THE EXISTING GRASS ATHLETIC FIELD BY CONVERTING IT TO A SYNTHETIC TURF PLAYING SURFACE.
2. THE CONTRACTOR SHALL PROVIDE TEMPORARY CHAIN LINK CONSTRUCTION FENCE TO BE PLACED AROUND ALL EQUIPMENT, WORK ZONES, AND MATERIAL LAYDOWN AREAS. PRICE OF FENCE TO BE CARRIED IN THE BID BY THE CONTRACTOR.
3. TEMPORARY SILT FENCE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT SITE CONSTRUCTION. STOCK PILE ON SITE 100 FT. OF SILT FENCE FOR EMERGENCY USE. TEMPORARY EROSION BARRIERS SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATIVE GROUND COVER IS ESTABLISHED.
4. TEMPORARY STABILIZATION MUST BE PROVIDED TO ANY DISTURBED EARTH THAT IS OPENED UP IN ANY ONE LOCATION FOR MORE THAN 14 DAYS. CHIPS FROM LAND CLEARING, EROSION CONTROL BLANKETS, OR FAST GROWING RYE GRASSES MAY BE USED FOR TEMPORARY STABILIZATION AS REQUIRED.
5. STRIPPED TOPSOIL SHALL BE STOCKPILED AND PROTECTED WITH STRAW MULCH. ALL STOCKPILES SHALL HAVE AN APPROVED SILTATION BARRIER TOTALLY SURROUNDING THE PILE. THE PILE SHALL BE IN AN APPROVED UPLAND AREA A MINIMUM OF TWENTY-FIVE FEET FROM ALL RESOURCE AREAS.
6. THE PHASING AND SEQUENCING OF THE WORK FOR THE SITE PREPARATION FOR THE TRACK RENOVATION INSTALLATION CONSISTS OF INSTALLING TEMPORARY EROSION AND SEDIMENTATION CONTROL BARRIERS; STRIPPING AND ROUGH GRADING AS NEEDED; FINAL GRADING, PLACEMENT OF TURF AND PAVEMENT SURFACES; AND STABILIZATION OF DISTURBED AREAS. LOAM AND SEED DISTURBED AREAS OUTSIDE FIELD AREA AS REQUIRED; FINAL CLEANUP. THE ESTIMATED TIME FOR COMPLETION OF THE WORK IS APPROXIMATELY **SIXTEEN (16) WEEKS.**
7. THE FIELD IS TO BE SURFACED WITH TURF AND PAVEMENT. DRAINAGE PATTERNS, RUNOFF VOLUMES AND PEAK FLOW RATES WILL NOT BE ALTERED BY THE PROPOSED CONSTRUCTION.
8. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF THE FENCED COMPOUND SHALL BE PERMANENTLY ESTABLISHED WITH A NATIVE VEGETATIVE GROUND COVER AT THE CONCLUSION OF CONSTRUCTION. GRADED AREAS SHALL BE PROTECTED WITH STRAW MULCH UNTIL A GOOD VEGETATIVE COVER IS ESTABLISHED.
9. THE TOTAL IMPACT AREA OF THE DISTURBED CONSTRUCTION SITE IS BOUNDED BY THE "LIMIT OF WORK" AS SHOWN HEREON. THE MAXIMUM AREA OF DISTURBANCE WITHIN THE LIMIT OF WORK IS APPROXIMATELY **2.50± ACRES.** THE PROJECT IMPACT AREA IS ABOVE THE EXEMPTION THRESHOLD OF 43,560 SQUARE FEET IN 40 CFR PARTS 9, 122-124 AND THEREFORE IS SUBJECT TO REGULATION UNDER THE EPA NPDES GENERAL CONSTRUCTION PERMIT PROGRAM.
10. CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND FILE FOR COVERAGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR DISCHARGES FROM CONSTRUCTION ACTIVITIES.
11. THE PROJECT OWNER'S GENERAL CONTRACTOR SHALL CONDUCT ALL SITE DEVELOPMENT WORK IN A MANNER THAT DOES NOT EXCEED THE LIMITS OF WORK SHOWN ON THE PLANS. ADDITIONALLY, THE PROJECT OWNER'S GENERAL CONTRACTOR SHALL CONDUCT ALL CONSTRUCTION ACTIVITIES IN A MANNER THAT DOES NOT RESULT IN STORM WATER DISCHARGES WITH AN ADVERSE IMPACT ON ANY RESOURCE AREAS OR DOWNSTREAM PROPERTIES.
12. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SILT FROM BEHIND SILTATION BARRIERS AND DISPOSE OF SILT EVENLY IN UPLAND AREAS. REMOVE ALL EROSION CONTROL DEVICES WHEN A GOOD VEGETATIVE COVER IS ESTABLISHED.
13. A CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THIS PROJECT. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.

ProTerra
DESIGN GROUP, L.L.C.

4 Bay Road, Bldg A
Suite 200
Hadley, MA 01035
Ph: (413) 320-4918

CONSULTANT:

NO.	DATE	REVISIONS
0	04/13/23	ISSUED FOR NOI

NO.	DATE	REVISIONS
0	04/13/23	ISSUED FOR NOI

TRACK RENOVATION PROJECT
EAGLEBROOK SCHOOL

ALLEN-CHASE FOUNDATION
D/B/A EAGLEBROOK SCHOOL
279 PINE NOOK ROAD
DEERFIELD, MA 01842

TITLE: _____
OWNER: _____

STAMP:

DATE: 04/13/2023
DRAWN: JEB
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 23-027

SHEET TITLE:
SITE DETAILS
D-1

CONSULTANT:

NO.	DATE	REVISIONS	ISSUED FOR NOI
0	04/13/23		

TRACK RENOVATION PROJECT
EAGLEBROOK SCHOOL
ALLEN-CHASE FOUNDATION
D/B/A EAGLEBROOK SCHOOL
279 PINE NOOK ROAD
DEERFIELD, MA 01842

STAMP:

 4-12-23

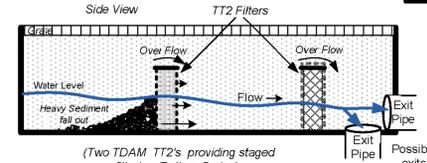
DATE: 04/13/2023
 DRAWN: JEB
 CHECK: JMM/TEJ
 SCALE: SEE PLAN
 JOB NO.: 23-027

SHEET TITLE:

SITE DETAILS
D-2

REM's TRITON – TDAM TT2 (Trench Drain Filter) Series

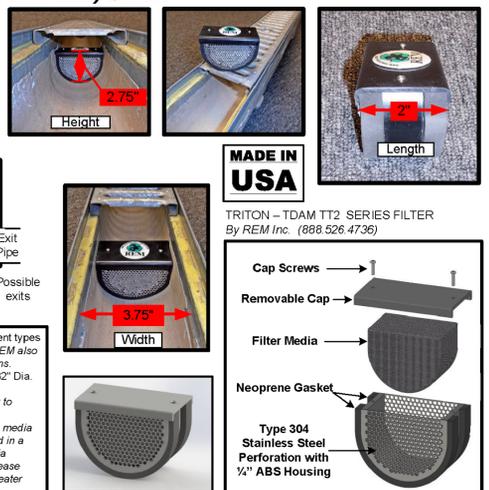
REM designed the TRITON – TDAM (TT2) Filter Series to provide a solution that allows the flexibility to maximize the filter treatment flow rates and pollutant capturing capacity in the smaller sized trench drains that have rounded bottoms. TRITON – TDAM Filters may be utilized in new construction or retrofitted in existing trench drain structures. They are sized to spec and scalable for all different lengths and applications. Filter Cartridges may be easily removed when servicing. Media strategy may also be optimized for specific pollutant concerns.



Side View
 TT2 Filters
 Over Flow
 Water Level
 Heavy Sediment
 Flow
 Exit Pipe
 Possible exits
 (Two TDAM TT2's providing staged filtering (Battery Series))

Notes:

- TRITON TDAM TT2 Series are designed to be used universally in all different types of the smaller sized trench drains with rounded bottoms available today. REM also designs custom filters for unique storm water infrastructures and applications.
- TDAM housings are constructed utilizing Type 304 Stainless Steel, with 5/32" Dia. 3/16" sta. Cts. having 6% square openings.
- Multiple TDAM Filter Inserts can be staged in line with one another in order to provide additional levels of filtration (Battery Series).
- REM TRITON replacement Filter Media Packs are charged with REM FOG media an expanded volcanic ash medium treated to be highly hydrophobic housed in a durable geo-textile perforated polypropylene woven fabric. REM FOG media effectively encapsulates liquefied petroleum hydrocarbons (Fats, Oils & Grease including animal fats). The media's hydrophobic characteristic allows for greater polishing of flow resulting in the reduction of Total Suspended Solids (TSS). Suspended solid reduction includes but is not limited to debris, trash, silt sediment and agglomerated heavy metals. (Additional media options are available including mixed blends of granulated carbon [AC] and Zeolite [ZEO].)
- Filter Height should be designed to allow for a high flow overflow bypass to eliminate pooling or flooding during heavy rain events.
- REM's disposable Media Filter Packs are easily removed for maintenance.
- See REM Specifier Sheets for size, model and flow rate information.
- REM TRITON filters are to be installed and maintained in accordance with manufacturer recommendations.
- Maintenance information and replacement REM Media Packs are available upon request by contacting REM at sales@remfilters.com or (888) 526-4736.
- Made in the USA.



Height: 2.75"
 Length: 2"
 Width: 3.75"

MADE IN USA

TRITON – TDAM TT2 SERIES FILTER
 By REM Inc. (888.526.4736)

Cap Screws
 Removable Cap
 Filter Media
 Neoprene Gasket
 Type 304 Stainless Steel Perforation with 1/4" ABS Housing

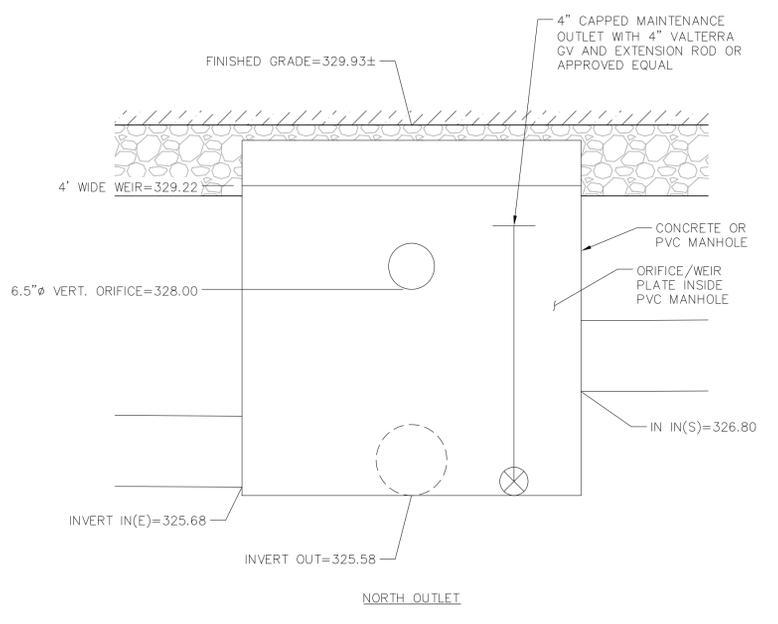
THE DESIGN AND DETAIL OF THIS DRAWING IS THE PROPERTY OF REM INC. AND IS NOT TO BE USED EXCEPT IN CONNECTION WITH OUR WORK. DESIGN AND INVENTION RIGHTS ARE RESERVED.

U.S. Patent Pending

PH: (888) 526-4736
 DRAWN BY: C.F.
 FOR: 4" Wide Rounded Trench Drains
 DATE: 6/3/2013
 SHEET: 1 OF 1

NOTE:
 SPACED AT 30' O.C., TYP.
 (35± EA. WITHIN TRENCH DRAIN)

TRENCH DRAIN FILTER
 SCALE: NONE
 1
 D-2



NORTH OUTLET

FODS TRACKOUT CONTROL SYSTEM INSTALLATION GUIDE

THE PURPOSE AND DESIGN OF THE FODS TRACKOUT CONTROL SYSTEM IS TO EFFECTIVELY REMOVE MOST SEDIMENT FROM VEHICLE TIRES AS THEY EXIT A DISTURBED LAND AREA ONTO A PAVED STREET. THIS MANUAL IS A PLATFORM FROM WHICH TO INSTALL A FODS TRACKOUT CONTROL SYSTEM. (NOTE: THIS IS NOT A ONE SIZE FITS ALL GUIDE.) THE INSTALLATION MAY NEED TO BE MODIFIED TO MEET THE EXISTING CONDITIONS, EXPECTATIONS, OR DEMANDS OF A PARTICULAR SITE. THIS IS A GUIDELINE. ULTIMATELY THE FODS TRACKOUT CONTROL SYSTEM SHOULD BE INSTALLED SAFELY WITH PROPER ANCHORING AND SIGNS PLACED AT THE ENTRANCE AND EXIT TO CAUTION USERS AND OTHERS.

KEY NOTES:

- FODS TRACKOUT CONTROL SYSTEM MAT.
- FODS SAFETY SIGN.
- ANCHOR POINT.
- SILT OR GRANGE CONSTRUCTION FENCE.

INSTALLATION:

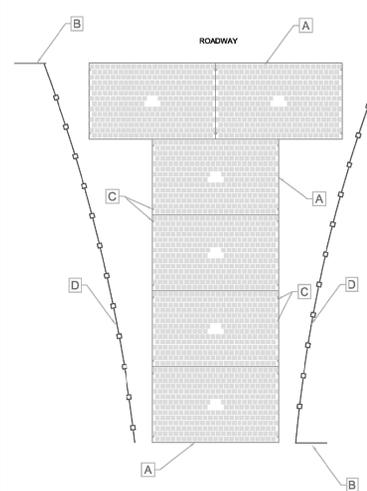
- THE SITE WHERE THE FODS TRACKOUT CONTROL SYSTEM IS TO BE PLACED SHOULD CORRESPOND TO BEST MANAGEMENT PRACTICES AS MUCH AS POSSIBLE. THE SITE WHERE FODS TRACKOUT CONTROL SYSTEM IS PLACED SHOULD ALSO MEET OR EXCEED THE LOCAL JURISDICTION OR STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS.
- CALL FOR UTILITY LOCATES 3 BUSINESS DAYS IN ADVANCE OF THE FODS TRACKOUT CONTROL SYSTEM INSTALLATION FOR THE MARKING OF UNDERGROUND UTILITIES. CALL THE UTILITY NOTIFICATION CENTER AT 811.
- ONCE THE SITE IS ESTABLISHED WHERE FODS TRACKOUT CONTROL SYSTEM IS TO BE PLACED, ANY EXCESSIVE UNEVEN TERRAIN SHOULD BE LEVELED OUT OR REMOVED SUCH AS LARGE ROCKS, LANDSCAPING MATERIALS, OR SUDDEN ABRUPT CHANGES IN ELEVATION.
- THE INDIVIDUAL MATS CAN START TO BE PLACED INTO POSITION. THE FIRST MAT SHOULD BE PLACED NEXT TO THE CLOSEST POINT OF EGRESS. THIS WILL ENSURE THAT THE VEHICLE WILL EXIT STRAIGHT FROM THE SITE ONTO THE PAVED SURFACE.
- AFTER THE FIRST MAT IS PLACED DOWN IN THE PROPER LOCATION, MATS SHOULD BE ANCHORED TO PREVENT THE POTENTIAL MOVEMENT WHILE THE ADJOINING MATS ARE INSTALLED. ANCHORS SHOULD BE PLACED AT EVERY ANCHOR POINT (IF FEASIBLE) TO HELP MAINTAIN THE MAT IN ITS CURRENT POSITION.
- AFTER THE FIRST MAT IS ANCHORED IN ITS PROPER PLACE, AN H BRACKET SHOULD BE PLACED AT THE END OF THE FIRST MAT BEFORE ANOTHER MAT IS PLACED ADJACENT TO THE FIRST MAT.
- ONCE THE SECOND MAT IS PLACED ADJACENT TO THE FIRST MAT, MAKE SURE THE H BRACKET IS CORRECTLY SITUATED BETWEEN THE TWO MATS, AND SLIDE MATS TOGETHER.
- NEXT THE CONNECTOR STRAPS SHOULD BE INSTALLED TO CONNECT THE TWO MATS TOGETHER.
- UPON PLACEMENT OF EACH NEW MAT IN THE SYSTEM, THAT MAT SHOULD BE ANCHORED AT EVERY ANCHOR POINT TO HELP STABILIZE THE MAT AND ENSURE THE SYSTEM IS CONTINUOUS WITH NO GAPS IN BETWEEN THE MATS.
- SUCCESSIVE MATS CAN THEN BE PLACED TO CREATE THE FODS TRACKOUT CONTROL SYSTEM REPEATING THE ABOVE STEPS.

USE AND MAINTENANCE:

- VEHICLES SHOULD TRAVEL DOWN THE LENGTH OF THE TRACKOUT CONTROL SYSTEM AND NOT CUT ACROSS THE MATS.
- DRIVERS SHOULD TURN THE WHEEL OF THEIR VEHICLES SUCH THAT THE VEHICLE WILL MAKE A SHALLOW S-TURN ROUTE DOWN THE LENGTH OF THE FODS TRACKOUT CONTROL SYSTEM.
- MATS SHOULD BE CLEANED ONCE THE VOIDS BETWEEN THE PYRAMIDS BECOME FULL OF SEDIMENT. TYPICALLY THIS WILL NEED TO BE PERFORMED WITHIN TWO WEEKS AFTER A STORM EVENT. BRUSHING IS THE PREFERRED METHOD OF CLEANING, EITHER MANUALLY OR MECHANICALLY.
- THE USE OF ICE MELT, ROCK SALT, SNOW MELT, DE-ICER, ETC. SHOULD BE UTILIZED AS NECESSARY DURING THE WINTER MONTHS AND AFTER A SNOW EVENT TO PREVENT ICE BUILDUP.

REMOVAL:

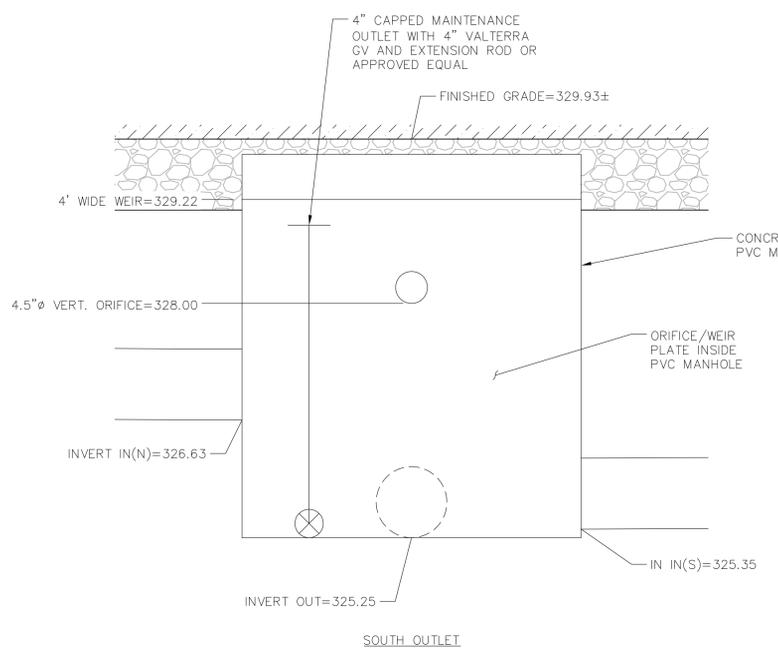
- REMOVAL OF FODS TRACKOUT CONTROL SYSTEM IS REVERSE ORDER OF INSTALLATION.
- STARTING WITH THE LAST MAT, THE MAT THAT IS PLACED AT THE INNERMOST POINT OF THE SITE OR THE MAT FURTHEST FROM THE EXIT OR PAVED SURFACE SHOULD BE REMOVED FIRST.
- THE ANCHORS SHOULD BE REMOVED.
- THE CONNECTOR STRAPS SHOULD BE UNBOLTED AT ALL LOCATIONS IN THE FODS TRACKOUT CONTROL SYSTEM.
- STARTING WITH THE LAST MAT IN THE SYSTEM, EACH SUCCESSIVE MAT SHOULD THEN BE MOVED AND STACKED FOR LOADING BY FORKLIFT OR EXCAVATOR ONTO A TRUCK FOR REMOVAL FROM THE SITE.



ROADWAY
 ROADWAY
 TYPICAL ONE-LANE LAYOUT

NOTE:
 FODS TRACKING MAT OR APPROVED EQUAL

TEMPORARY VEHICLE TRACKING CONTROL
 SCALE: NONE
 3
 D-2



SOUTH OUTLET

OUTLET ORIFICE PLATES
 SCALE: NONE
 2
 D-2