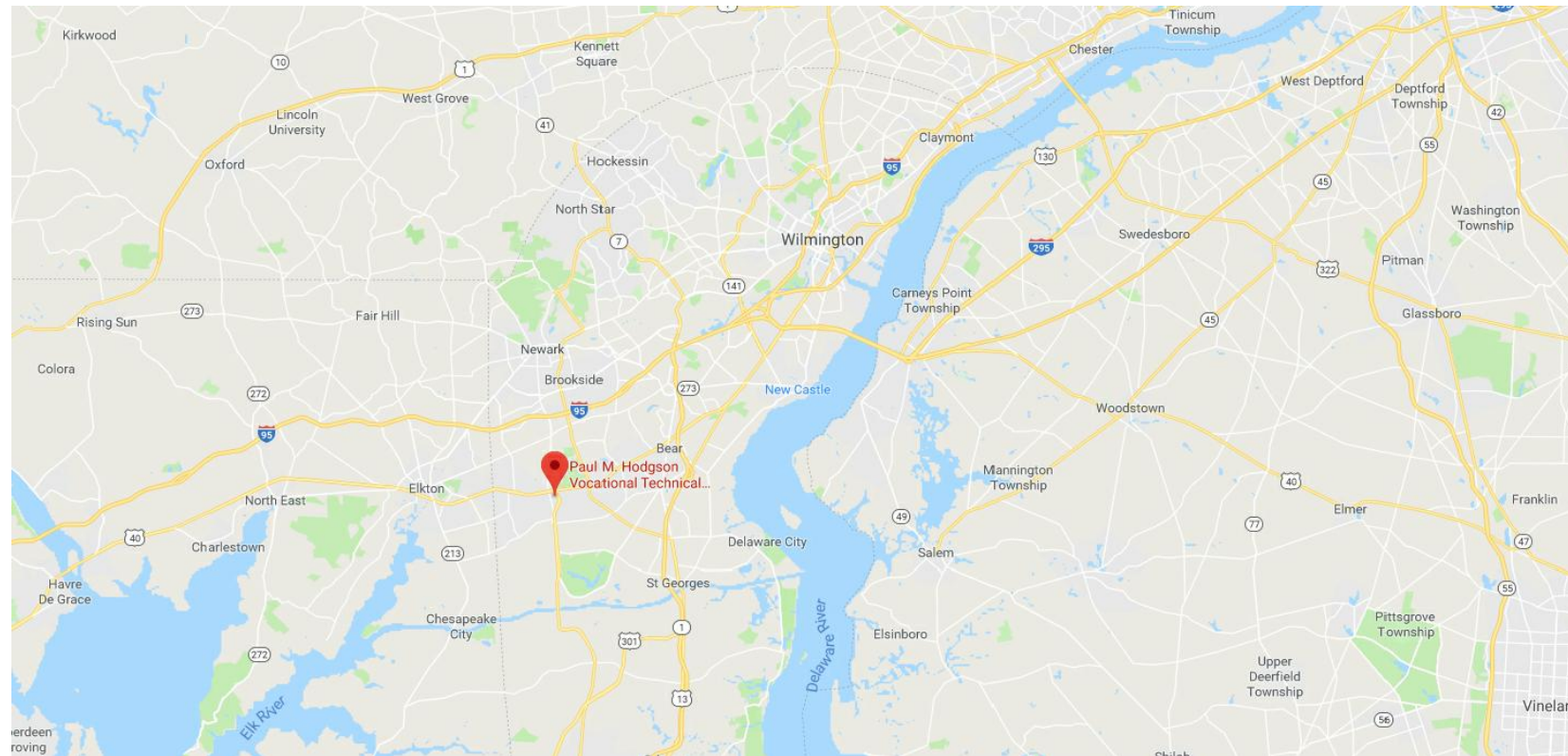


2575 GLASGOW AVE,
NEWARK, DE 19702

OWNER:
NCCVT School District
1417 Newport Road Wilmington, DE 19804



VICINITY MAP



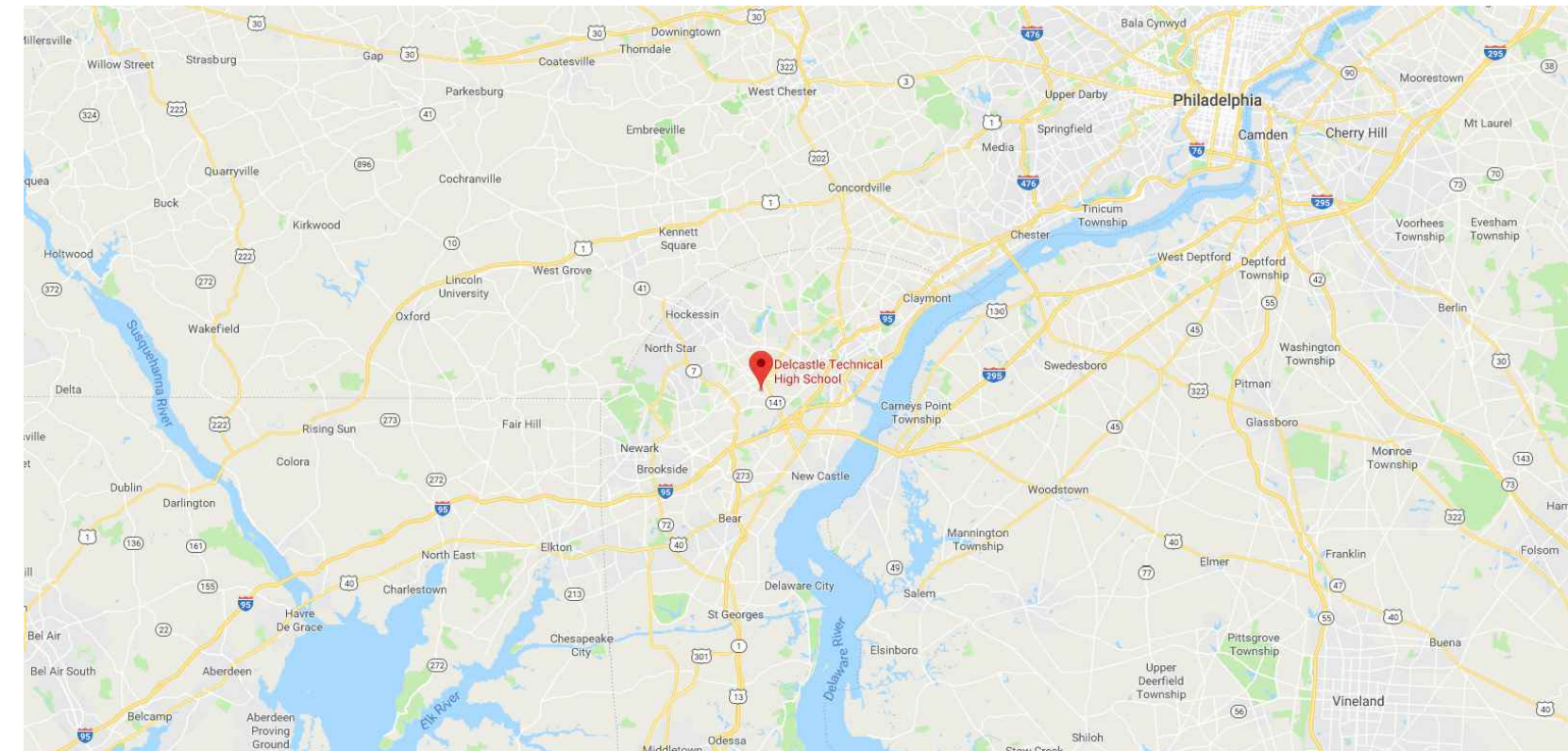
LOCATION MAP



AERIAL SITE MAP

1417 NEWPORT RD,
WILMINGTON, DE 19804

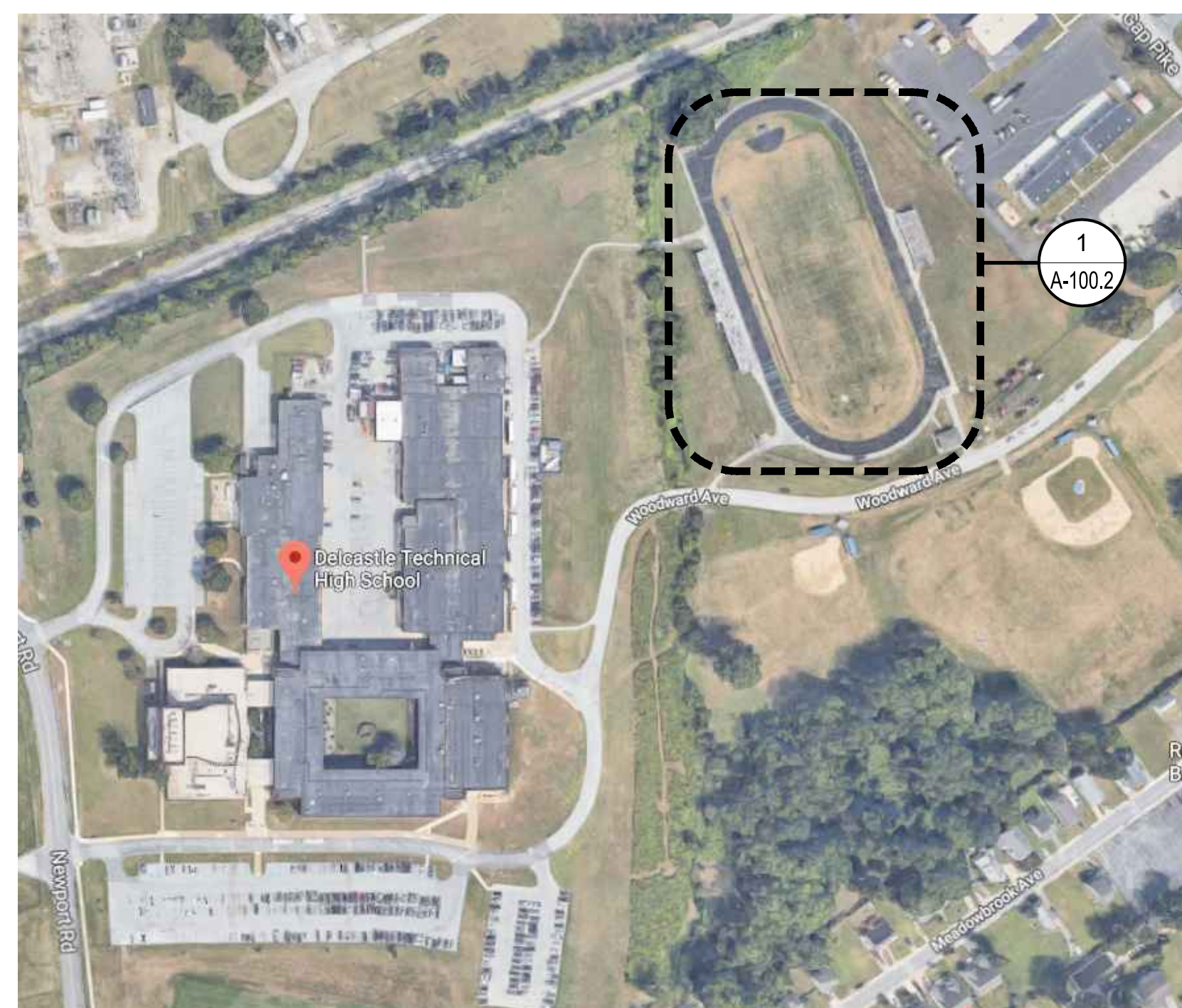
OWNER:
NCCVT School District
1417 Newport Road Wilmington, DE 19804



VICINITY MAP



LOCATION MAP



AERIAL SITE MAP

CONTRACT #1906

DRAWING LIST

COVER

CS001	COVER SHEET
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HODGSON VOCATIONAL TECHNICAL HIGH SCHOOL

CIVIL

CE-01	HODGSON - PRE-CONSTRUCTION SITE STORMWATER MANAGEMENT PLAN
CE-02	HODGSON - CONSTRUCTION SITE DETAILS AND NOTES
CE-03	HODGSON - CONSTRUCTION SITE DETAILS AND NOTES

ARCHITECTURAL

A100	HODGSON TRACK REPLACEMENT PLAN
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DELCASTLE TECHNICAL HIGH SCHOOL

CIVIL

CE-01	DELCASTLE - PRE-CONSTRUCTION SITE STORMWATER MANAGEMENT PLAN
CE-02	DELCASTLE - CONSTRUCTION SITE DETAILS AND NOTES
CE-03	DELCASTLE - CONSTRUCTION SITE DETAILS AND NOTES

ARCHITECTURAL

A100	DELCASTLE TRACK REPLACEMENT PLAN
------	----------------------------------

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING CODES, ORDINANCES, AND REGULATORY AGENCIES.
2. CONTRACTOR SHALL FULLY ACQUAINT HIMSELF WITH THE CONDITIONS OF THE CONTRACT, LOCAL CONDITIONS RELATING TO LOCATION, ACCESSIBILITY, AND GENERAL CHARACTER OF THE CONSTRUCTION SITE, AS WELL AS, LOCAL LABOR CONDITIONS SO THAT HE UNDERSTANDS THE NATURE AND EXTENT, DIFFICULTIES, AND RESTRICTIONS RELATED TO THE EXECUTION OF WORK. NOTIFY THE ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL PROTECT EXISTING, IN-PLACE, AND NEW WORK. THE CONTRACTOR SHALL INVESTIGATE JOB SITE TO COMPARE CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND VERIFY DIMENSIONS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS, CONFLICTS, AND/OR ANY RESTRICTIONS RELATED TO THE EXECUTION OF WORK, BEFORE COMMENCEMENT OF WORK. COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF ALL NEW OR EXISTING CONDITIONS.
4. THE CONTRACTOR SHALL COORDINATE SCHEDULING, PROVISIONS FOR INSTALLATION, LOCATIONS, AND THE ACTUAL INSTALLATION OF ITEMS FURNISHED BY OWNER OR BY OTHERS.
5. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND IS RESPONSIBLE FOR ALL PHASES, INCLUDING BIDDING, FABRICATION, COORDINATION, AND CONSTRUCTION.
6. THE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. THE DRAWINGS ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. REPETITIVE FEATURES NOT NOTED ON THE DRAWINGS SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
7. CIVIL INFORMATION ON THE ARCHITECTURAL DRAWINGS IS PROVIDED FOR CLARITY AND/OR LOCATION PURPOSES ONLY. SEE RELEVANT DISCIPLINE DRAWINGS FOR SPECIFIC INFORMATION.
8. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS. DIMENSIONS GOVERN. LARGE SCALE DRAWINGS GOVERN OVER SMALL SCALE DETAILS.
9. CHANGES IN DRAWINGS OR ACTUAL WORK SHALL BE ISSUED BY THE ARCHITECT.
10. PERFORM ALL WORK AND INSTALL MATERIALS IN STRICT ACCORDANCE TO APPLICABLE INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS AND SPECIFICATIONS FOR QUALITY OF MATERIALS AND WORKMANSHIP, AS WELL AS REQUIREMENTS IN THESE DRAWINGS AND SPECIFICATION. ANY CONFLICTING REQUIREMENTS OF THE SOURCES LISTED ABOVE SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO PROCEEDING WITH THE WORK.
11. MANUFACTURERS ARE REFERENCED TO ESTABLISH STYLE, SIZE, COLOR, AND MATERIAL CHARACTERISTICS, AND ARE NOT INTENDED TO LIMIT SELECTIONS FROM OTHER MANUFACTURERS. WHEN AN ALTERNATE SELECTION IS SUBMITTED DURING BIDDING, SUBMITTALS SHALL HAVE INCLUDED THE MATERIAL LISTED FOR COMPARISON.
12. THE CONTRACTOR SHALL EXAMINE ALL SURFACES TO DETERMINE THAT THEY ARE SOUND, DRY, CLEAN AND READY TO RECEIVE FINISHES PRIOR TO INSTALLATION. START OF INSTALLATION SHALL IMPLY ACCEPTANCE OF SUBSTRATE AND SHALL NOT BE GROUNDS FOR CLAIMS AGAINST IMPROPER PERFORMANCE OF INSTALLED MATERIALS. ADVISE ARCHITECT OF ANY EXISTING CONSTRUCTION NOT LEVEL, SMOOTH, AND PLUMB WITHIN INDUSTRY STANDARDS PRIOR TO START OF CONSTRUCTION.
13. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL NECESSARY COVERINGS, PROTECTIVE ENCLOSURES, AND DUST BARRIERS TO PROTECT ALL OCCUPANTS AND EXISTING WORK AND FINISHES TO REMAIN. LOCATION OF SUCH PROTECTION SHALL BE VERIFIED WITH OWNER AND LOCAL CODE OFFICIAL FOR EGRESS CONFORMANCE, PRIOR TO COMMENCING WORK, AND IN COORDINATION WITH PROGRESSION OF WORK SCHEDULE. PERFORM WORK IN A MANNER THAT WILL AVOID HAZARDS TO PERSONS IN ADJACENT AREAS AND THAT WON'T INTERFERE WITH WORK OR PASSAGE TO ANY OF THESE AREAS. REPAIR AND REPLACE ANY DAMAGES CAUSED BY IMPROPER PROTECTIONS AT NO ADDITIONAL CHARGE TO THE OWNER.
14. WORK DAMAGED DURING CONSTRUCTION OR NOT CONFORMING TO SPECIFIED STANDARDS, TOLERANCES, OR MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION SHALL BE REPLACED, BY THE CONTRACTOR, AT NO ADDITIONAL CHARGE TO THE OWNER.
15. ANY AREA OUTSIDE THE LIMITS OF CONSTRUCTION DISTURBED BY OPERATIONS OF THE CONTRACTOR SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
16. ALL CONCRETE WALKS, ASPHALT, CURBS, AND LANDSCAPING DAMAGED DURING CONSTRUCTION ARE TO BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
17. CONTRACTOR SHALL VERIFY FINAL EQUIPMENT LOCATIONS WITH OWNER PRIOR TO INSTALLATION.

[illegible]

OWNER:
NCCVT SCHOOL DISTRICT

1417 NEWPORT ROAD WILMINGTON
DE 19804

CIVIL ENGINEER:
LANDMARK
200 CONTINENTAL DRIVE (SUITE 400)
NEWARK, DE 19713
302 323-9377
Fax 302 323-9461



B S A + A

Buck Simpers Architect
+ Associates, Inc.
954 Justison St.
Wilmington, DE 19801
302 658-9300
Fax 658-1125

JOB NO. 18.031

Hodgson Vocational
Technical High School
Delcastle Technical
High School
TRACK RESURFACING

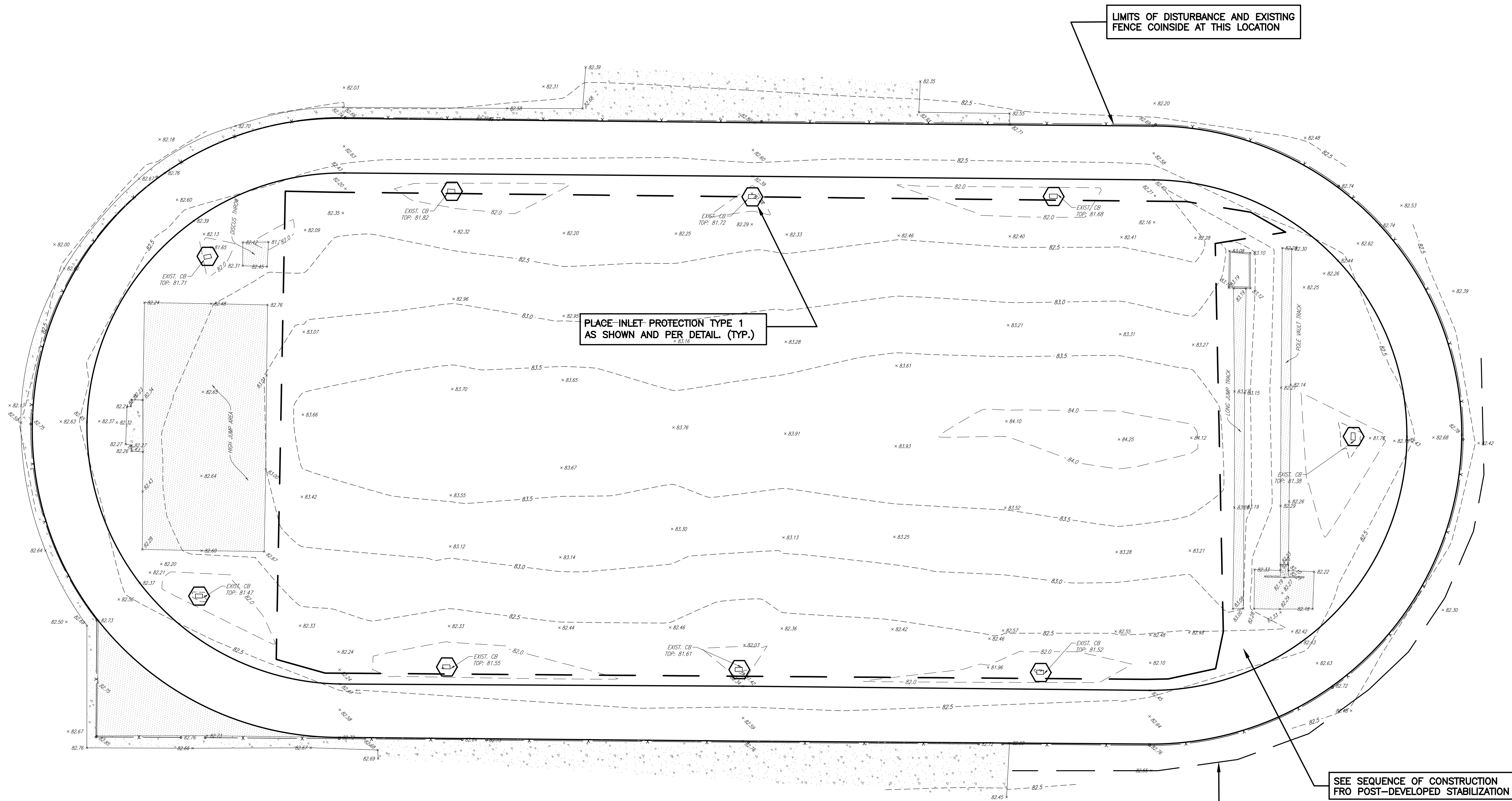
COVER SHEET

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CS001

Jan 29, 2019 - 2:54pm

1. TAX PARCEL NUMBER: 11-027.00-003
2. SITE AREA: 64.16± ACRES
3. EXISTING ZONING: BP (BUSINESS PARK)
S (SUBURBAN)
4. TOPOGRAPHIC SURVEY:
FIELD SURVEY BY LANDMARK SCIENCE & ENGINEERING, INC. NOVEMBER 2018
5. ADDRESS: 2575 GLASGOW AVENUE, NEWARK, DELAWARE 19702



LIMITS OF DISTURBANCE AND EXISTING
FENCE COINSIDE AT THIS LOCATION

PLACE INLET PROTECTION TYPE 1
AS SHOWN AND PER DETAIL. (TYP.)

SEE SEQUENCE OF CONSTRUCTION
FRO POST-DEVELOPED STABILIZATION

CONSTRUCT SILT FENCE AS SHOWN
AND PER DETAIL. (TYP.)

THIS PLAN IS FOR EROSION AND SEDIMENT CONTROL PURPOSES ONLY. DO NOT USE FOR GRADING OR LAYOUT PURPOSES.

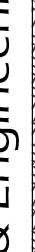


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PROTECT YOURSELF, GIVE THREE
WORKING DAYS NOTICE

PRE-CONSTRUCTION SITE STORMWATER MANAGEMENT PLAN
HODGSON VOCATIONAL
TECHNICAL HIGH SCHOOL
TRACK RESURFACING
MILL CREEK HUNDRED - NEW CASTLE COUNTY, DELAWARE
NCC VOCATIONAL SCHOOL DISTRICT

200 CONTINENTAL DRIVE
SUITE 400
NEWARK, DE 19713
PHONE (302) 323-9377
FAX (302) 323-9481
WWW.LANDMARK-SE.COM
INFO @ LANDMARK-SE.COM

P.O. BOX 602
HAVRE DE GRACE, MD 21078
PHONE (410) 939-2144
FAX (410) 939-1284




CELEBRATING
150
1867 - 2017
YEARS

Landmark

Science & Engineering

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

DRAWN BY: MKB DESIGN BY: MKB CHECK BY: TCW	SCALE: 1"=20' DATE: 1/17/19 SHEET: CE-01.1 of 3	0 10 20 40  GRAPHIC SCALE	COMMISSION: C2844
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FILE NAME: PRECUN_3NM_HUDGSON.GWg
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I. GENERAL

NARRATIVE

THE NEW CASTLE COUNTY VOCATIONAL SCHOOL DISTRICT PROPOSES TO REPLACE THE TRACK SURFACE AT THE HODGSON VOCATIONAL HIGH SCHOOL, LOCATED AT 2575 GLASSBORO AVENUE, NEWARK, IN NEW CASTLE COUNTY, DELAWARE. PROPOSED CONSTRUCTION CONSISTS OF REMOVING THE ENTIRE EXISTING RUNNING TRACK SURFACE AND REPLACING THE TRACK AND OTHER TRACK RELATED SURFACES WITHIN THE SAME EXTENT, TO PROPOSED PRODUCT SPECIFICATIONS.

PROPOSED CONSTRUCTION WILL BE COMPLETED IN ONE PHASE

ALL CONSTRUCTION DISTURBANCE SHALL BE DONE IN ACCORDANCE WITH THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS

II. TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES:

- SILT FENCE: THIS STRUCTURE WILL FILTER RUNOFF CARRYING THE SEDIMENT, RETAIN THE SEDIMENT, AND ALLOW THE FILTERED RUNOFF TO PASS.
- INLET PROTECTION TYPE 1: THIS SEDIMENT CONTROL DEVICE CONSISTS OF A FRAMEWORK OF 2' x 4'S WITH SILT FENCE PLACED AROUND THE TOP OF A CATCHBASIN LOCATED IN A CURB ROADWAY
- CRITICAL SLOPE STABILIZATION: STRAW OR CURLED WOOD MATTING PLACED AFTER FINE GRADING AND SEEDING (TEMPORARY OR PERMANENT) ON ALL SLOPES 3:1 OR STEEPER AND ALL OPEN CHANNELS.

III. VEGETATIVE PRACTICES -- TEMPORARY AND PERMANENT

- AREAS DESIGNATED TO BE PERMANENTLY STABILIZED SHALL BE SEEDDED WITH THE FOLLOWING SEED MIXTURE:

TALL FESCUE	66%
PERENNIAL RYEGRASS	17%
SHEEP FESCUE	17%

(% BY WEIGHT TOTAL MIXTURE)

- SEED APPLICATION RATE: 150 LBS. PER ACRE

- THIS SEED MIXTURE SHALL ALSO BE USED FOR LAWNS THROUGHOUT THE SITE.

- FERTILIZATION: FERTILIZER SHALL BE THE FOLLOWING FORMULATION AND APPLIED AT THE FOLLOWING RATE: 10-10-10; 250 LBS PER ACRE (FORMULATION AND RATES MAY BE MODIFIED BASED ON SOIL TEST RECOMMENDATIONS).

- TEMPORARY SEEDING SHALL CONSIST OF ANNUAL RYE GRASS APPLIED AT THE RATE OF 140 LBS. PER ACRE.

- STRAW MULCH SHALL BE SMALL GRAIN UNROTTED STRAW APPLIED AT 1, 1/2 TO 2.0 TONS PER ACRE, TACKED WITH A SYNTHETIC BINDER.

- LIME--APPLY DOLOMITIC LIMESTONE AT 2 TONS PER ACRE

IV. CONSTRUCTION STAGING

- INSTALL PERIMETER CONTROLS AS SHOWN ON THE (PHASE I) EROSION AND SEDIMENT CONTROL PLAN. ONLY THOSE AREAS WHERE THESE CONTROLS ARE INITIALLY INSTALLED SHALL BE DISTURBED. THE CONTROL MEASURES ARE AS FOLLOWS:

- MARK ALL LIMITS OF DISTURBANCE SHOWN
- INSTALL INLET PROTECTION TYPE 1 AS SHOWN AND PER DETAIL
- STOCKPILE TOPSOIL, IF APPLICABLE. .

- COMMENCE TRACK REMOVAL PURSUANT TO MATERIAL MANUFACTURES SPECIFICATIONS.

- PERIODICALLY MAINTAIN THE PERIMETER CONTROL MEASURES, AS NEEDED.

- COMPLETE TRACK PLACEMENT PURSUANT TO THE MANUFACTURES SPECIFICATIONS

- REMOVE THE E & S CONTROL ONCE TRACK IS COMPLETE. FINE GRADE ALL AREAS DISTURBED INTENDED TO RECEIVE PERMANENT STABILIZATION MEASURES WITH 6" COMPACTED TOPSOIL PROVIDE PERMANENT SEEDING AND STRAW MULCH.

GENERAL EROSION AND SEDIMENT CONTROL PLAN NOTES

- ALL PERIMETER CONTROLS MUST BE INSTALLED, STABILIZED, PRIOR TO OR ANY UTILITY INSTALLATION. NO DISTURBANCE MAY OCCUR ON-SITE OTHER THAN THOSE AREAS NECESSARY TO ESTABLISH THE PERIMETER EROSION AND SEDIMENT CONTROL. INSTALL THE PERIMETER CONTROLS PURSUANT TO THIS PLAN. ALL PERIMETER SEDIMENT CONTROLS, INCLUDING SOIL STOCKPILES, SHALL BE VEGETATIVELY STABILIZED.
- LIMITS OF DISTURBANCE MUST BE DELINEATED IN THE FIELD. TOTAL DISTURBED ACREAGE = XXX AC. THE LIMITS OF DISTURBANCE SHALL BE CLEARLY DEFINED AT ALL TIMES DURING CONSTRUCTION.
- ALL DISTURBED SOIL SURFACES, INCLUDING SOIL STOCKPILES AND PERIMETER CONTROLS ARE SUBJECT TO EROSION AND SHALL BE EITHER PERMANENTLY OR TEMPORARILY STABILIZED WITHIN FOURTEEN (14) DAYS.
- ALL PROPOSED EROSION AND SEDIMENT CONTROLS WILL BE INSTALLED IN ACCORDANCE WITH THE DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK, 2003, OR AS AMENDED.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED PERIODICALLY AND AFTER EACH RAINFALL. MAINTENANCE MUST BE PERFORMED AFTER EACH INSPECTION AS NECESSARY. ANY ERODED AREAS SHALL BE STABILIZED AND ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF ACCORDING TO PLAN.
- SHOULD QUESTIONS ARISE REGARDING THE MAINTENANCE OF EROSION AND SEDIMENT CONTROL PRACTICES, THE SITE CONTRACTOR SHALL CONTACT THE CONSULTING ENGINEER EXPEDITIOUSLY FOR TECHNICAL ASSISTANCE.
- THE S&S PLAN INCORPORATES POLLUTION PREVENTION PRACTICES LISTED UNDER STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION SITE POLLUTION PREVENTION IN THE DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK, DATED DECEMBER 2003 AND ITS REVISIONS.

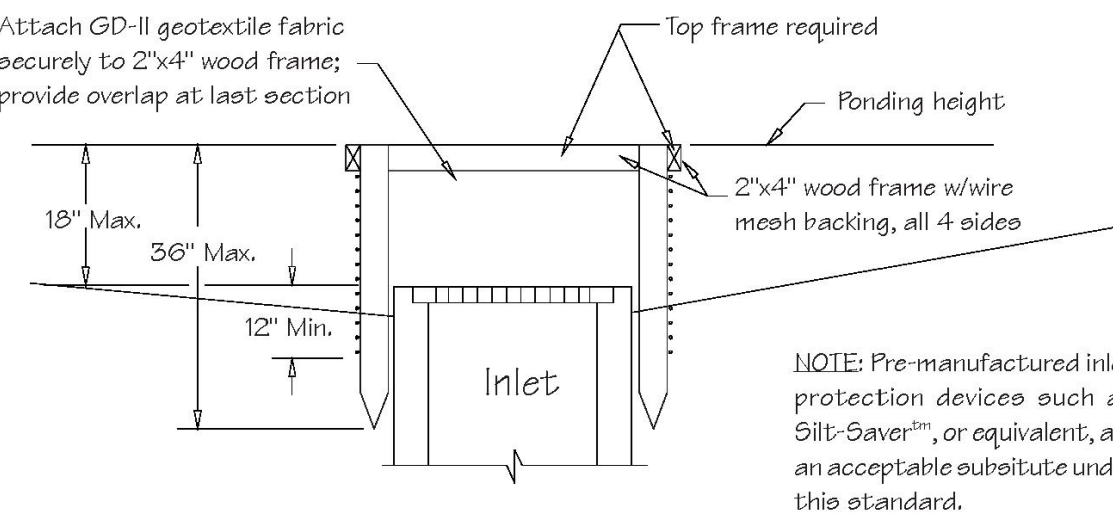
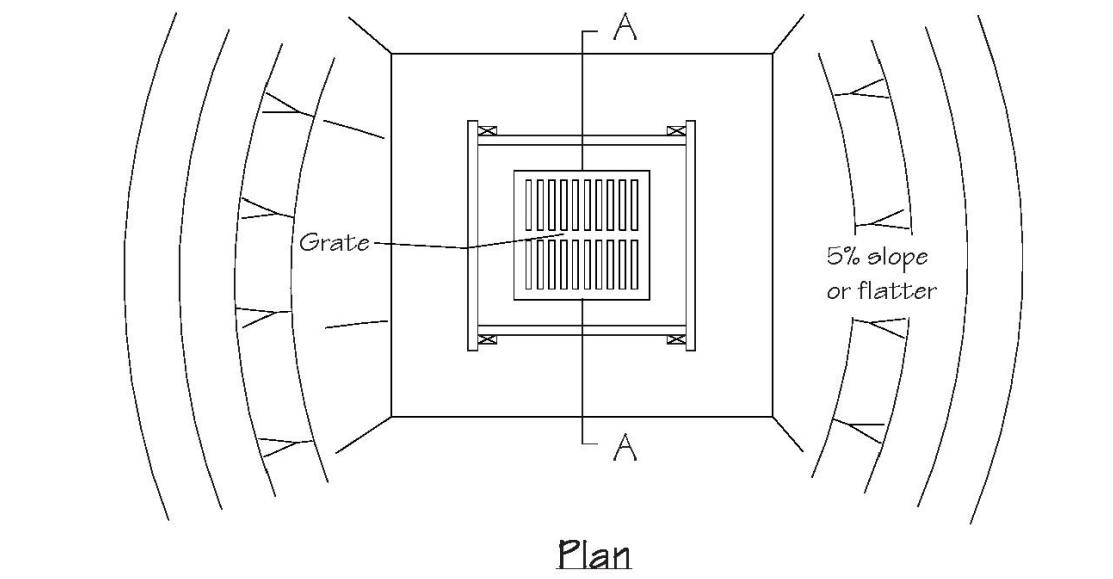


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Standard Detail & Specifications Inlet Protection - Type 1



Source:	Symbol:	Detail No.
Adapted from Erosion Draw Manual J. McCullah & Assoc.	IP-1	DE-ESC-3.1.5.1 Sheet 1 of 2

Effective April 2016

Standard Detail & Specifications Inlet Protection - Type 1

Construction Notes:

- Excavate completely around inlet to a depth of 18" below grate elevation.
- Drive 2" x 4" post 1' into ground at four corners of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2" x 4" frame using overlap joint shown. Top of frame (weir) must be 6" below edge of roadway adjacent to inlet.
- Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
- Stretch geotextile fabric tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet grate elevation. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
- Backfill around inlet in compacted 6" layers until at least 12" of geotextile fabric is buried.
- If the inlet is not in a low point, construct a compacted earth dike in the ditchline below it. The top of this dike is to be at least 6" higher than the top of frame (weir).
- This structure must be inspected frequently and the filter fabric replaced when clogged.

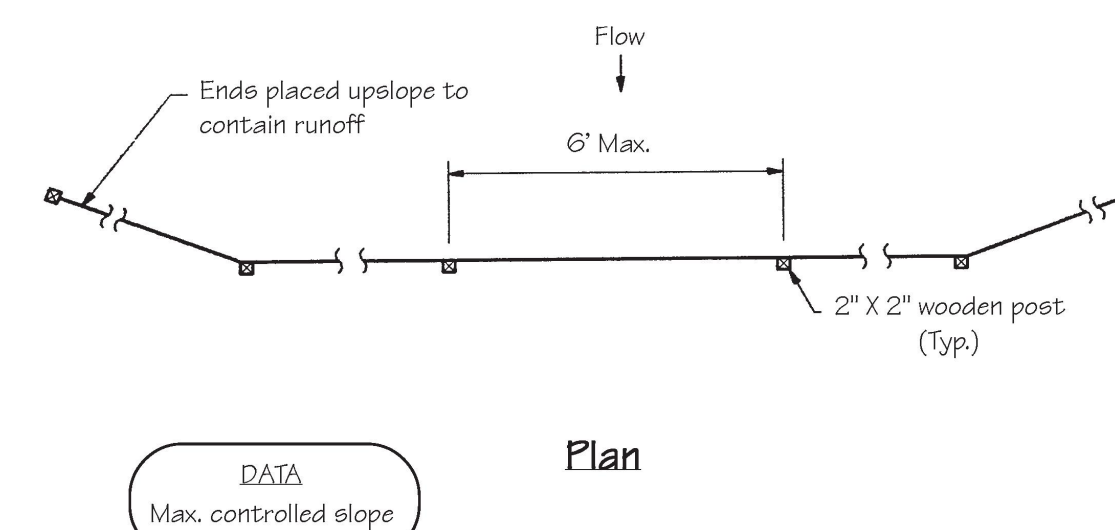
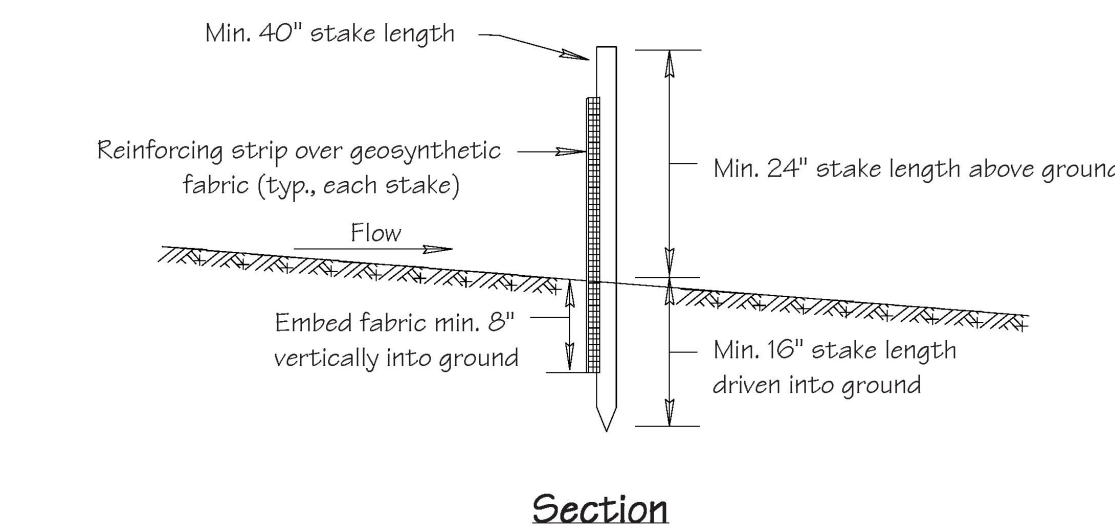
Materials:

- Wooden frame is to be constructed of 2" x 4" construction grade lumber.
- Wire mesh must be of sufficient strength to support filter fabric with water fully impounded against it.
- Geotextile fabric: Type GD-II

Source:	Symbol:	Detail No.
Adapted, from Erosion Draw Manual J. McCullah & Assoc.	IP-1	DE-ESC-3.1.5.1 Sheet 2 of 2

Effective April 2016

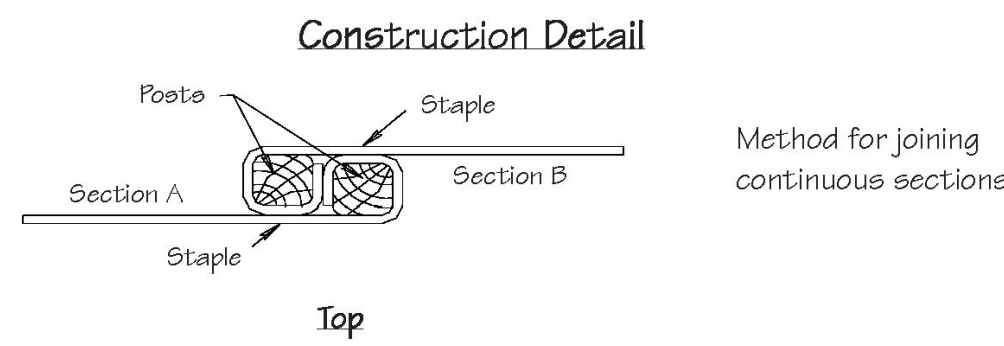
Standard Detail & Specifications Silt Fence



Source:	Symbol:	Detail No.
Adapted form MD Stds. & Specs. for ESC	SF	DE-ESC-3.1.2.1 Sheet 1 of 2

Effective April 2016

Standard Detail & Specifications Silt Fence



Construction Notes:

- Geosynthetic fabric to be fastened securely to fence posts with wire ties or staples.
- When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded.
- Maintenance shall be performed as needed and material removed when "bulges" develop in the silt fence.

Materials:

- Stakes: Steel (either T or U) or 2" x 2" hardwood
- Geosynthetic Fabric: Type GD-II
- Reinforcing strip: Wooden lath, plastic strip or other approved equivalent
- Prefabricated Unit: Geotab, Envirofence, or approved equivalent

Source:	Symbol:	Detail No.
Adapted from MD Stds. & Specs. for ESC	SF	DE-ESC-3.1.2.1 Sheet 2 of 2

Effective April 2016

Standard Detail & Specifications Vegetative Stabilization

TEMPORARY SEEDING BY RATES, DEPTHS AND DATES											
Mix #	Species ⁶	Seeding Rate	Optimum Seeding Dates ¹								Planting Depth ³
			O = Optimum Planting Period; A = Acceptable Planting Period								
			Coastal Plain			Piedmont			All		
	Certified Seed	lb/Ac ¹	lb/1000 sq. ft.	2/1-4/30	5/1-8/14	8/15-10/31	3/1-4/30	5/1-7/31	8/1-10/31	10/31-2/1	
1	Barley	125	4	O	A	O	A	O	A		1-2 inches 2-3" sandy soils
2	Barley	125	4	O	A	A	O	A	A		2-3" sandy soils
3	Rye	125	4	O	A	O	O	O	A		1-2 inches 2-3" sandy soils
4	Perennial Ryegrass	125	4	O	A	O	O	O	A		0-5 inches 1/2" sandy soils
5	Annual Ryegrass	125	4	O	A	O	O	O	A		0-5 inches 1-2" sandy soils
6	Winter Wheat	125	4	O	A	O	A	O	A		1-2 inches 2-3" sandy soils
7	Foral Millet	30 PLS	0.5	O	O	O	O	O	O		0-5 inches 1-2" sandy soils
8	Pearl Millet	20 PLS	0.5	O	O	O	O	O			0-5 inches 2-3" sandy soils

- Winter seeding requires 3 tons per acre of straw mulch for proper stabilization.
- May be planted throughout summer if soil moisture is adequate or seeded area can be irrigated.
- Applicable on slopes 3:1 or less.
- Fifty pounds per acre of Annual Lespedeza may be added to 1/2 the seeding rate of any of the above species.
- Use varieties currently recommended for Delaware. Contact a County Extension Office for information.
- Warm season grasses such as Millet or Weeping Lovegrass may be used between 5/1 and 9/1 if desired. Seed at 3-5 lbs. per acre. Good on low fertility and acid areas. Seed after frost through summer at a depth of 0.5".

Source:	Symbol:	Detail No.
Delaware ESC Handbook		DE-ESC-3.4.3 Sheet 1 of 4

Effective April 2016

Standard Detail & Specifications Vegetative Stabilization

PERMANENT SEEDING AND SEEDING DATES										
Seeding Mixtures		Seeding Rate ¹	Optimum Seeding Dates ² O = Optimum Planting Period; A = Acceptable Planting Period						Remarks	
Mix No.	Certified Seed ¹	lb/Ac	3/1-4/30	4/1-5/15	5/16-10/31	11/1-12/31	1/1-2/28	3/1-4/30		
	Well Drained Soils	lb/Ac	10/100	150	150	150	150	10/100		
1	Tall Fescue	140	3/1	A	O	A	O	A	Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
2	Weeping Lovegrass	10	2/28						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
3	Perennial Ryegrass	20	8/8		O				Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
4	Annual Ryegrass	20	8/8		O				Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
5	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
6	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
7	Tall Fescue	150	3/1	O	A	O	A	O	Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
8	Perennial Ryegrass	20	8/8		O				Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
9	Annual Ryegrass	20	8/8		O				Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
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16	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
17	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
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19	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
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23	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
24	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
25	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
26	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
27	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
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29	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
30	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
31	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
32	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
33	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
34	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
35	Winter Wheat	15	3/1						Good erosion control only. Temporary use until fully established. Very difficult to mow. Determinable only in local weather.	
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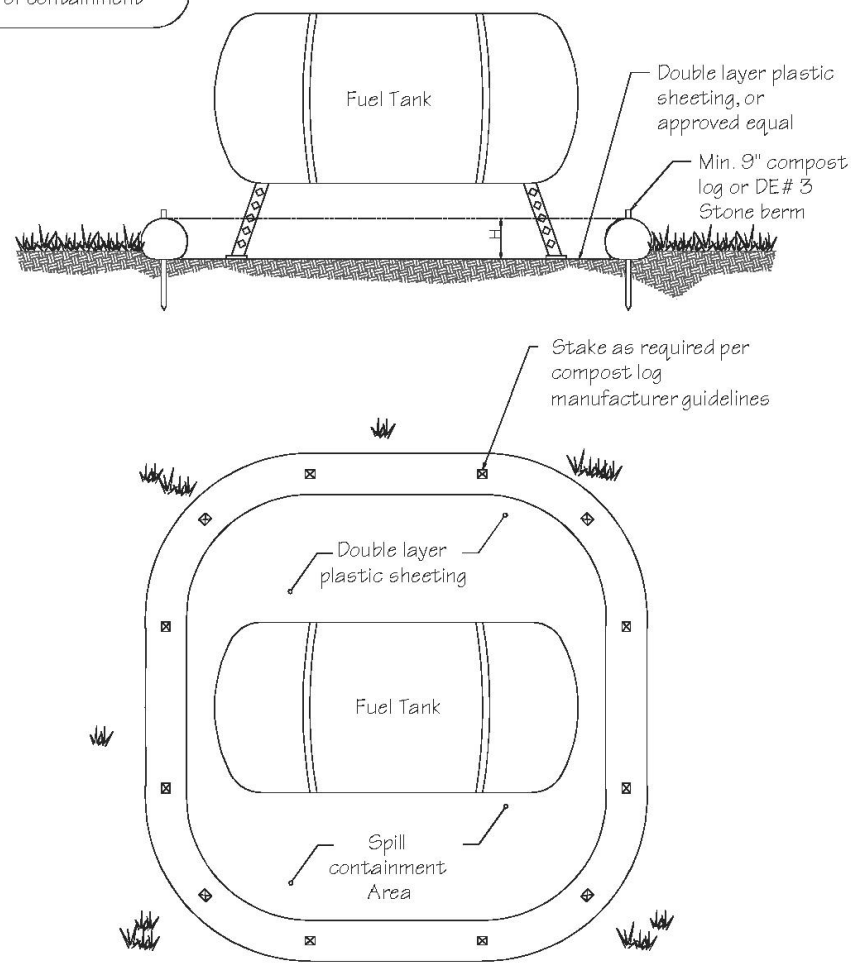


Know what's below.
Call before you dig.

MISS UTILITY PHONE 1-800-282-8555
PROTECT YOURSELF, GIVE THREE
WORKING DAYS NOTICE

Standard Detail & Specifications Construction Site Waste Mgt & Spill Control

DATA TO BE PROVIDED:
Volume of Potential Pollution
Height of containment
Area of containment
Volume of containment



Source:	Symbol:	Detail No.
Delaware ESC Handbook		DE-ESC-3.6.1 Sheet 1 of 5

Effective April 2016

Standard Detail & Specifications Construction Site Waste Mgt & Spill Control

Pollution Prevention – Spill Prevention

1. Fueling should only take place in signed designated areas, away from downstream drainage facilities and watercourses.
2. Fueling must be with nozzles equipped with automatic shut-off to control drips. Do not top off.
3. Protect the areas where equipment or vehicles are being repaired, maintained, fueled or parked from storm water run-on and runoff.
4. Use barriers such as berms to prevent storm water run-on and runoff, and to contain spills.
5. Place a "Fueling Area" sign next to each fueling area.
6. Store hazardous materials such as fuel, solvents, oil and chemicals in secondary containment.
7. Inspect vehicles and equipment for leaks on each day of use. Repair fluid and oil leaks immediately.
8. Absorbent spill clean-up materials and spill kits must be available in fueling areas and on fuel trucks.
9. If fueling is to take place at night, make sure the fueling area is sufficiently illuminated.
10. Properly dispose of used oil, fluids, lubricants and spill clean-up materials.

CLEAN UP SPILLS

1. If it is safe to do so, immediately contain and clean up any chemical and/or hazardous material spills.
2. Properly dispose of used oil, fluids, lubricants and spill clean-up materials.
3. Do not bury spills or wash them down with water.

LEAKS AND DRIPS

1. Use drip pans or absorbent pads at all times. Place under and around leaky equipment.
2. Do not allow oil, grease, fuel or chemicals to drip onto the ground.
3. Have spill kits and clean up material on-site.
4. Repair leaky equipment promptly or remove problem vehicles and equipment from the site. Clean up contaminated soil immediately.
5. Store contaminated waste in sealed containers constructed of suitable material. Label these containers properly.
6. Clean up all spills and leaks. Promptly dispose of waste and spent clean up materials.

Source:	Symbol:	Detail No.
Delaware ESC Handbook		DE-ESC-3.6.1 Sheet 2 of 5

Effective April 2016

Standard Detail & Specifications Construction Site Waste Mgt & Spill Control

Notes:

The Construction Site Pollution Prevention Plan should include the following elements:

1. Material Inventory

Document the storage and use of the following materials:

- a. Concrete
- b. Detergents
- c. Paints (enamel and latex)
- d. Cleaning solvents
- e. Pesticides
- f. Wood scraps
- g. Fertilizers
- h. Petroleum based products

2. Good housekeeping practices

- a. Store only enough product required to do the job.
- b. All materials shall be stored in a neat, orderly manner in their original labeled containers and covered.
- c. Substances shall not be mixed.
- d. When possible, all of a product shall be used up prior to disposal of the container.
- e. Manufacturers' instructions for disposal shall be strictly adhered to.
- f. The site foreman shall designate someone to inspect all BMPs daily.

3. Waste management practices

- a. All waste materials shall be collected and stored in securely lidded dumpsters in a location that does not drain to a waterbody.
- b. Waste materials shall be salvaged and/or recycled whenever possible.
- c. The dumpsters shall be emptied a minimum of twice per week, or more if necessary. The licensed trash hauler is responsible for cleaning out dumpsters.

Source:	Symbol:	Detail No.
Adapted from USEPA Pub. 840-B-92-002		DE-ESC-3.6.1 Sheet 3 of 5

Effective April 2016

Standard Detail & Specifications Construction Site Waste Mgt & Spill Control

Notes (cont.)

- d. Trash shall be disposed of in accordance with all applicable Delaware laws.
 - e. Trash cans shall be placed at all lunch spots and littering is strictly prohibited. Recycle bins shall be placed near the construction trailer.
 - f. If fertilizer bags can not be stored in a weather-proof location, they shall be kept on a pallet and covered with plastic sheeting which is overlapped and anchored.
- #### 4. Equipment maintenance practices
- a. If possible, equipment should be taken to off-site commercial facilities for washing and maintenance.
 - b. If performed on-site, vehicles shall be washed with high-pressure water spray without detergents in an area contained by an impervious berm.
 - c. Drip pans shall be used for all equipment maintenance.
 - d. Equipment shall be inspected for leaks on a daily basis.
 - e. Washout from concrete trucks shall be disposed of in a temporary pit for hardening and proper disposal.
 - f. Fuel nozzles shall be equipped with automatic shut-off valves.
 - g. All used products such as oil, antifreeze, solvents and tires shall be disposed of in accordance with manufacturers' recommendations and local, state and federal laws and regulations.
- #### 5. Spill prevention practices
- a. Potential spill areas shall be identified and contained in covered areas with no connection to the storm drain system.
 - b. Warning signs shall be posted in hazardous material storage areas.
 - c. Preventive maintenance shall be performed on all tanks, valves, pumps, pipes and other equipment as necessary.
 - d. Low or non-toxic substances shall be prioritized for use.

Source:	Symbol:	Detail No.
Adapted from USEPA Pub. 840-B-92-002		DE-ESC-3.6.1 Sheet 4 of 5

Effective April 2016

Standard Detail & Specifications Construction Site Waste Mgt & Spill Control

Notes (cont.)

- e. Contact information for reporting spills through the DNREC 24-Hour Toll Free Number shall be prominently posted.
- #### 6. Education
- a. Best management practices for construction site pollution control shall be a part of regular progress meetings.
 - b. Information regarding waste management, equipment maintenance and spill prevention shall be prominently posted in the construction trailer.

CONTACT INFORMATION

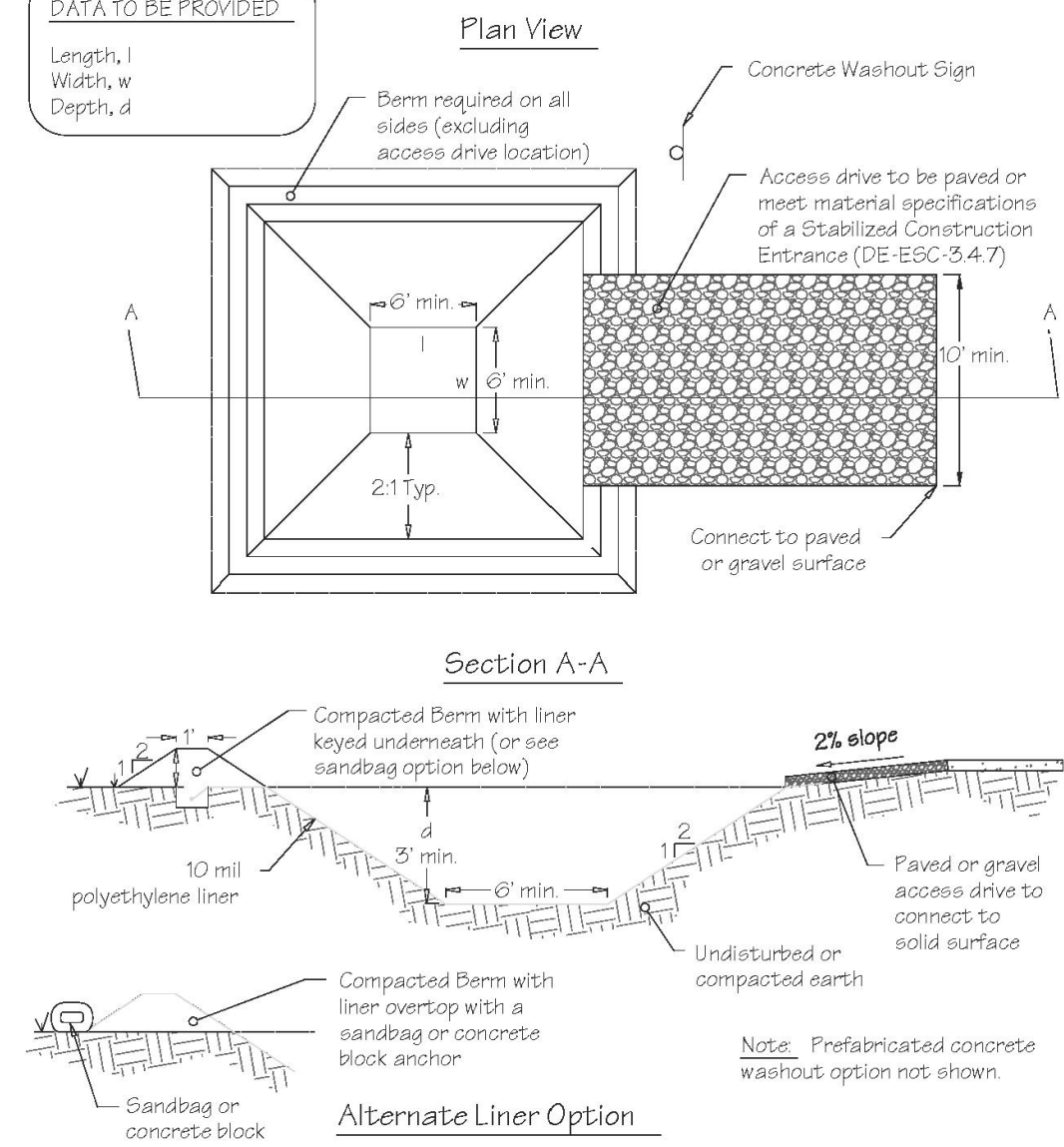
DNREC 24-Hour Toll Free Number 800-662-8802
DNREC Solid & Hazardous Waste Branch 302-739-9403

Source:	Symbol:	Detail No.
Adapted from USEPA Pub. 840-B-92-002		DE-ESC-3.6.1 Sheet 5 of 5

Effective April 2016

Standard Detail & Specifications Concrete Washout

DATA TO BE PROVIDED:
Length, l
Width, w
Depth, d



Source:	Symbol:	Detail No.
Adapted from Colorado Urban Storm Drainage Criteria Manual, Vol 3	CW	DE-ESC-3.6.2 Sheet 1 of 2

Effective April 2016

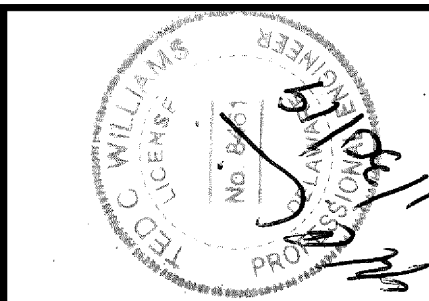
Standard Detail & Specifications Concrete Washout

Construction Notes:

1. Locate washout area a minimum of 50 feet from open channels, stormdrain inlets, wetlands or waterbodies.
2. Locate washout area so that it is accessible to concrete equipment (service with a minimum 10 foot wide gravel accessway), but so it is not in a highly active construction area causing accidental damage.
3. Minimum dimensions for prefabricated units are 4 feet by 4 feet by 1 foot deep with a minimum 4mil polyethylene plastic liner. Minimum dimensions for constructed concrete washout areas are 6 feet by 6 feet by 3 feet deep, with a minimum 10mil polyethylene liner, 2:1 side slopes, and a 1 foot high by 1 foot wide compacted fill berm.
4. The liner must be free of tears or holes and placed over smooth surfaces to prevent puncturing. For excavated washouts, anchor the liner underneath the berm or overlap with sandbags or concrete blocks to hold in place.
5. Provide a sign designating the washout area, and for large construction sites, provide signs throughout directing traffic to its location.
6. Allow washed out concrete mixture to harden through evaporation of the wastewater. Once the facility has reached 75 percent of its capacity, remove the hardened concrete by reusing the broken aggregate onsite, recycling, or disposing of offsite. The hardened material can be buried on site with minimum of 1 foot of clean, compacted fill.
7. Apply a new liner before reusing the station for additional washouts after maintenance has occurred.

Source:	Symbol:	Detail No.
Adapted from Colorado Urban Storm Drainage Criteria Manual, Vol 3	CW	DE-ESC-3.6.2 Sheet 2 of 2

Effective April 2016



CHECKED BY:	
REVISIONS	

CONSTRUCTION SITE DETAILS AND NOTES
FOR
**HODGSON VOCATIONAL
TECHNICAL HIGH SCHOOL
TRACK RESURFACING**
MILL CREEK HUNDRED - NEW CASTLE COUNTY, DELAWARE
DEVELOPER
NCC VOCATIONAL SCHOOL DISTRICT
WILMINGTON, DE 19804

200 CONTINENTAL DRIVE
NEWARK, DE 19713
PHONE (302) 333-5377
FAX (302) 333-5378
WWW.LANDMARK-SE.COM
INFO @ LANDMARK-SE.COM



THIS DRAWING DOES NOT INCLUDE
ANY CHANGES OR REVISIONS FOR
CONSTRUCTION. SAFETY
ALL CONSTRUCTION MUST BE
IN ACCORDANCE WITH THE
DELAWAREAN SAFETY AND
HEALTH ACT AND 870 ANNOTATIONS
THEREOF APPURTENANT

DRAWN BY: MKB	SCALE:	DATE: 1/17/19	COMMISSION: C2844
DESIGN BY: MKB	DATE: 1/17/19	SHEET: CE-03.1 of 3	
CHECK BY: TCW			
CE-03.1			FILE NAME: PRECON_SWML_HODGSON.dwg
© 2019 LANDMARK SCIENCE & ENGINEERING			



AERIAL PHOTOS

SCALE: N.T.S.

2

GENERAL DEMOLITION NOTES

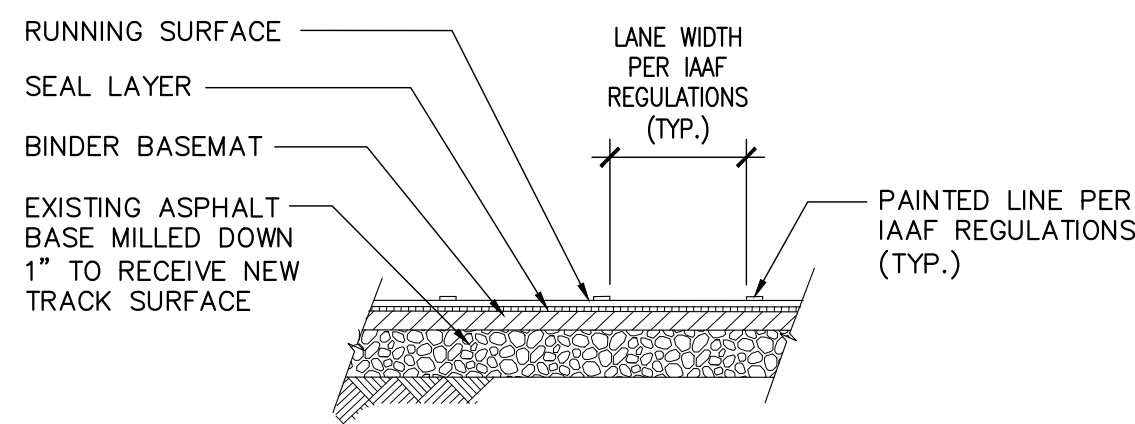
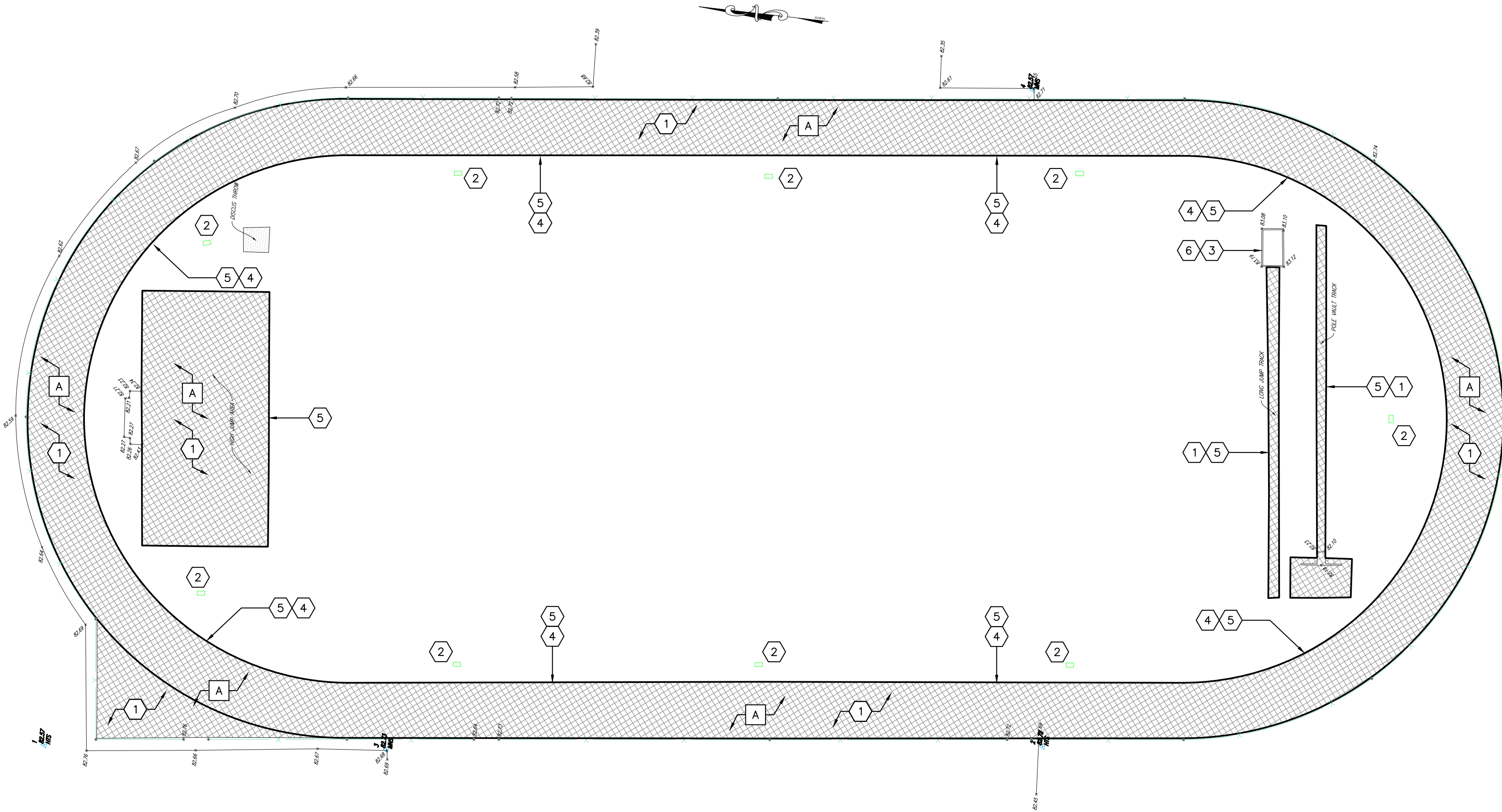
1. CONTRACTOR SHALL REPORT ANY FIELD CONDITIONS THAT VARY FROM THOSE INDICATED ON THE DOCUMENTS. IN ADDITION, CONTRACTOR SHALL REPORT ANY UNDOCUMENTED PLUMBING, ELECTRICAL, TECHNOLOGY, OR HVAC COMPONENTS UNCOVERED WITHIN A DEMOLISHED AREA.
2. THE CONTRACTOR SHALL TEMPORARILY SHORE, BRACE, AND PROTECT EXISTING EQUIPMENT AS REQUIRED DURING DEMOLITION.
3. SELECTIVE DEMOLITION WORK INCLUDES REMOVAL OF NON-STRUCTURAL ITEMS INDICATED. THIS DRAWING DOES NOT SHOW ELECTRICAL, WATER, HVAC, AND MOST OTHER SERVICES.
4. THE CONTRACTOR SHALL SAFELY SECURE ANY AND ALL PIPING, WIRING, CABLES, OR DEVICES THAT ARE NOT SCHEDULED FOR DEMOLITION, AND WERE SECURED BY ITEMS THAT HAVE BEEN OR ARE SCHEDULED FOR DEMOLITION.
5. CONTRACTOR IS RESPONSIBLE TO REMOVE SITE DEBRIS, TRASH, AND OTHER DISCARDED MATERIALS AND/OR EQUIPMENT RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT AND LEGALLY DISPOSE OFF SITE.
6. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, COMPLY WITH APPLICABLE REGULATIONS, LAWS, AND ORDINANCES CONCERNING REMOVAL, HANDLING, AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
7. BURNING OF REMOVED MATERIALS IS NOT PERMITTED ON THE PROJECT SITE.
8. COORDINATE ALL DEMOLITION WORK ON THE EXISTING SITE WITH THE OWNER BEFORE PROCEEDING.
9. CONTRACTOR SHALL PROMPTLY PATCH AND REPAIR DAMAGE CAUSED TO ADJACENT CONSTRUCTION BY DEMOLITION WORK. RESTORE EXPOSED FINISHES IN A MANNER THAT
10. ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.
11. REMOVE DECAYED, VERMIN INFESTED, OR OTHERWISE DANGEROUS OR UNSTABLE
12. MATERIALS, AND PROMPTLY DISPOSE OFF SITE.
13. ASSESS THE SUB-SURFACE CONDITION AND NOTIFY OWNER/ARCHITECT OF ANY
14. IMPERFECTIONS THAT WILL PREVENT OR HINDER THE RE-INSTALLATION OF TRACK SURFACE.
15. COORDINATE WITH OWNER/ARCHITECT ON PATCHING AND REPAIR OF SUB-SURFACE
16. CONDITIONS PRIOR TO RE-INSTALLATION OF TRACK SURFACE.
17. REFER TO PROJECT MANUAL FOR MORE SPECIFIC INFORMATION REGARDING DEMOLITION AND RE-INSTALLATION SPECIFICATIONS.

KEYED DEMOLITION NOTES

- 1 DEMOLISH OLD AND CRUMBLING TRACK SURFACE IN IT'S ENTIRETY THROUGHOUT HATCHED AREA, EXISTING ASPHALT SURFACE TO MILLED DOWN 1". PREP REMAINING ASPHALT SURFACE FOR NEW WORK. REFERENCE PROJECT MANUAL FOR MORE INFORMATION ON NEW WORK.
- 2 AVOID AND OR PROTECT EXISTING DRAINS DURING DEMOLITION PHASE AND NEW WORK PHASE.
- 3 REPLACE LONG JUMP SAND PIT COVER WITH READY FIT ALUMINUM SAND PIT COVER. BASIS OF DESIGN AND MANUFACTURER T.B.D. SIZE OF PIT COVER TO BE VERIFY IN FIELD. SEE PROJECT MANUAL FOR MORE INFORMATION.
- 4 PROTECT EXISTING PERIMETER CURB AT TRACK DURING DEMOLITION AND NEW WORK PHASES.
- 5 PROTECT TURF DURING DEMOLITION AND NEW WORK PHASES.
- 6 REPLACE ALL DAMAGED OR DECAYING RUBBER DRAINAGE COVERS, THROUGHOUT TRACK.

KEYED INSTALLATION NOTES

- A INSTALL NEW RUNNING TRACK SURFACE ACCORDING TO PROJECT MANUAL AND SELECTED MANUFACTURERS RECOMMENDATIONS THROUGHOUT HATCHED AREA



KEY NOTE:
INSTALL NEW RUNNING TRACK SURFACE
ACCORDING TO PROJECT SPECIFICATIONS AND
SELECTED MANUFACTURERS RECOMMENDATIONS

TRACK REPLACEMENT PLAN

SCALE: 3/16" = 1' - 0"

1

No.	Description	Date

OWNER:
NCCVT SCHOOL DISTRICT

1417 NEWPORT ROAD WILMINGTON
DE 19804

CIVIL ENGINEER:
LANDMARK
200 CONTINENTAL DRIVE (SUITE 400)
NEWARK, DE 19713
302 323-9377
Fax 302 323-9461



B S A + A

Buck Simpers Architect
+ Associates, Inc.
954 Justison St.
Wilmington, DE 19801
302 658-9300
Fax 658-1125

JOB NO. 18.031

Hodgson Vocational
Technical High School

TRACK RESURFACING

2575 GLASGOW AVE,
NEWARK, DE 19702

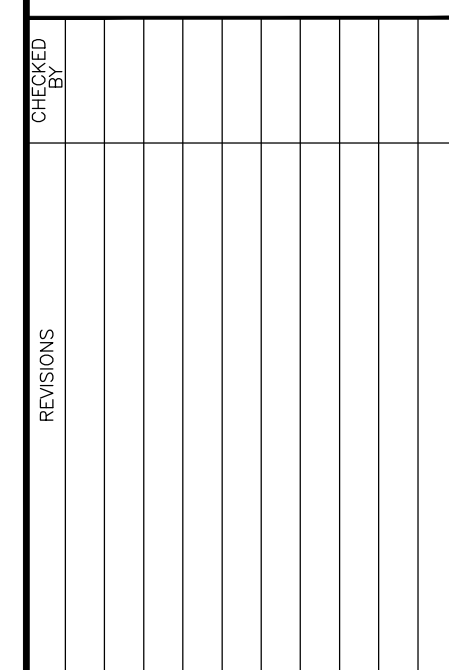
TRACK REPLACEMENT PLAN

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A-100

Jan 29, 2019 - 2:54pm


1. TAX PARCEL NUMBER: 07-041.20-016
2. SITE AREA: 120.0± ACRES
3. EXISTING ZONING: S (SUBURBAN)
4. TOPOGRAPHIC SURVEY:
FIELD SURVEY BY LANDMARK SCIENCE & ENGINEERING, INC. NOVEMBER 2018
5. ADDRESS: 1417 NEWPORT ROAD, WILMINGTON DELAWARE 19804



PRE-CONSTRUCTION SITE STORMWATER MANAGEMENT PLAN
FOR
DELCASTLE TECHNICAL
HIGH SCHOOL
TRACK RESURFACING
MILL CREEK HUNDRED - NEW CASTLE COUNTY, DELAWARE
NCC VOCATIONAL SCHOOL DISTRICT
1000 W. 10TH STREET
WILMINGTON, DE 19804


200 CONTINENTAL DRIVE
SUITE 400
NEWARK, DE 19713
PHONE (302) 323-3377
FAX (302) 323-9461
WWW.LANDMARK-SE.COM
INFO @ LANDMARK-SE.COM

P.O. BOX 602
HAYRE DE GRACE, MD 21078
PHONE (410) 939-2144
FAX (410) 939-1284
INFOMD @ LANDMARK-SE.COM



CELEBRATING
150
YEARS
Landmark
Science & Engineering

THIS DRAWING DOES NOT INCLUDE
NECESSARY COMPONENTS FOR
CONSTRUCTION SAFETY.

DRAWN BY: MKB	SCALE: 1"=20'
DESIGN BY: MKB	DATE: 1/17/19
CHECK BY: TCW	SHEET: CE-01 of 4
 <p>GRAPHIC SCALE</p>	
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FILE NAME: PRECON_SWM.dwg	

PLACE INLET PROTECTION TYPE 1
AS SHOWN AND PER DETAIL. (TYP.)

SEE SEQUENCE OF CONSTRUCTION
FRO POST-DEVELOPED STABILIZATION

THIS PLAN IS FOR EROSION AND SEDIMENT CONTROL PURPOSES ONLY. DO NOT USE FOR GRADING OR LAYOUT PURPOSES.

**Know what's below.
Call before you dig.**
MISS UTILITY PHONE 1-800-282-8555
PROTECT YOURSELF, GIVE THREE
WORKING DAYS NOTICE

THE NEW CASTLE COUNTY VOCATIONAL SCHOOL DISTRICT PROPOSES TO REPLACE THE TRACK SURFACE AT THE DELCASTLE VOCATIONAL HIGH SCHOOL LOCATED 1417 NEWPORT ROAD, WILMINGTON, IN NEW CASTLE COUNTY, DELAWARE. PROPOSED CONSTRUCTION CONSISTS OF REMOVING THE ENTIRE EXISTING RUNNING TRACK SURFACE AND REPLACING THE TRACK AND OTHER TRACK RELATED SURFACES WITHIN THE SAME EXTENT, TO PROPOSED PRODUCT SPECIFICATIONS.

ALL CONSTRUCTION DISTURBANCE SHALL BE DONE IN ACCORDANCE
WITH THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS

- A. SILT FENCE: THIS STRUCTURE WILL FILTER RUNOFF CARRYING THE SEDIMENT, RETAIN THE SEDIMENT, AND ALLOW THE FILTERED RUNOFF TO PASS.
- B. INLET PROTECTION TYPE 1: THIS SEDIMENT CONTROL DEVICE CONSISTS OF A FRAMEWORK OF 2 x 4'S WITH SILT FENCE PLACED AROUND THE TOP OF A CATCHBASIN LOCATED IN A CURB ROADWAY
- C. CRITICAL SLOPE STABILIZATION: STRAW OR CURLED WOOD MATTING PLACED AFTER FINE GRADING AND SEEDING (TEMPORARY OR PERMANENT) ON ALL SLOPES 3:1 OR STEEPER AND ALL OPEN CHANNELS.

A. AREAS DESIGNATED TO BE PERMANENTLY STABILIZED SHALL BE SEEDED WITH THE FOLLOWING SEED MIXTURE:

(% BY WEIGHT TOTAL MIXTURE)

B. SEED APPLICATION RATE: 150 LBS. PER ACRE

C. THIS SEED MIXTURE SHALL ALSO BE USED FOR LAWNS THROUGHOUT THE SITE.

D. FERTILIZATION: FERTILIZER SHALL BE THE FOLLOWING FORMULATION AND APPLIED AT THE FOLLOWING RATE: 10-10-10: 250 LBS PER ACRE (FORMULATION AND RATES MAY BE MODIFIED BASED ON SOIL TEST RECOMMENDATIONS).

E. TEMPORARY SEEDING SHALL CONSIST OF ANNUAL RYE GRASS APPLIED AT THE RATE OF 140 LBS. PER ACRE.

F. STRAW MULCH SHALL BE SMALL GRAIN UNROTTED STRAW APPLIED AT 1 1/2 TO 2.0 TONS PER ACRE, TACKED WITH A SYNTHETIC BINDER.

G. LIME—APPLY DOLOMITIC LIMESTONE AT 2 TONS PER ACRE

- A. INSTALL PERIMETER CONTROLS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. ONLY THOSE AREAS WHERE THESE CONTROLS ARE INITIALLY INSTALLED SHALL BE DISTURBED. THE CONTROL MEASURES ARE AS FOLLOWS:
 - 1. MARK ALL LIMITS OF DISTURBANCE SHOWN
 - 2. INSTALL INLET PROTECTION TYPE 1 AS SHOWN AND PER DETAIL
 - 3. STOCKPILE TOPSOIL IN ONE OF THE STOCKPILE LOCATIONS, IF APPLICABLE.
- B. COMMENCE TRACK REMOVAL PURSUANT TO MATERIAL MANUFACTURERS SPECIFICATIONS.
- C. PERIODICALLY MAINTAIN THE PERIMETER CONTROL MEASURES, AS NEEDED.
- D. COMPLETE TRACK PLACEMENT PURSUANT TO THE MANUFACTURERS SPECIFICATIONS
- E. REMOVE THE E & S CONTROLS ONCE TRACK IS COMPLETE. FINE GRADE ALL AREAS DISTURBED INTENDED TO RECEIVE PERMANENT STABILIZATION MEASURES WITH 6" COMPACTED TOPSOIL PROVIDE PERMANENT SEEDING AND STRAW MULCH.

1. ALL PERIMETER CONTROLS MUST BE INSTALLED, STABILIZED, PRIOR TO OR ANY UTILITY INSTALLATION. NO DISTURBANCE MAY OCCUR ON-SITE OTHER THAN THOSE AREAS NECESSARY TO ESTABLISH THE PERIMETER EROSION AND SEDIMENT CONTROL. INSTALL THE PERIMETER CONTROLS PURSUANT TO THIS PLAN. ALL PERIMETER SEDIMENT CONTROLS, INCLUDING SOIL STOCKPILES, SHALL BE VEGETATIVELY STABILIZED.
2. LIMITS OF DISTURBANCE MUST BE DELINEATED IN THE FIELD. TOTAL DISTURBED ACREAGE = 1.12 ± AC. THE LIMITS OF DISTURBANCE SHALL BE CLEARLY DEFINED AT ALL TIMES DURING CONSTRUCTION.
3. ALL DISTURBED SOIL SURFACES, INCLUDING SOIL STOCKPILES AND PERIMETER CONTROLS ARE SUBJECT TO EROSION AND SHALL BE EITHER PERMANENTLY OR TEMPORARILY STABILIZED WITHIN FOURTEEN (14) DAYS.
4. ALL PROPOSED EROSION AND SEDIMENT CONTROLS WILL BE INSTALLED IN ACCORDANCE WITH THE DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK, 2003, OR AS AMENDED.



ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH
THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970
AND THE RULES AND REGULATIONS THERETO APPURTENANT

Know what's **below**.
Call before you dig



[illegible]

OWNER:
NCCVT SCHOOL DISTRICT

1417 NEWPORT ROAD WILMINGTON
DE 19804

CIVIL ENGINEER:
LANDMARK
200 CONTINENTAL DRIVE (SUITE 400)
NEWARK, DE 19713
302 323-9377
Fax 302 323-9461


AERIAL PHOTOS

SCALE: N.T.S. | 2


GENERAL DEMOLITION NOTES

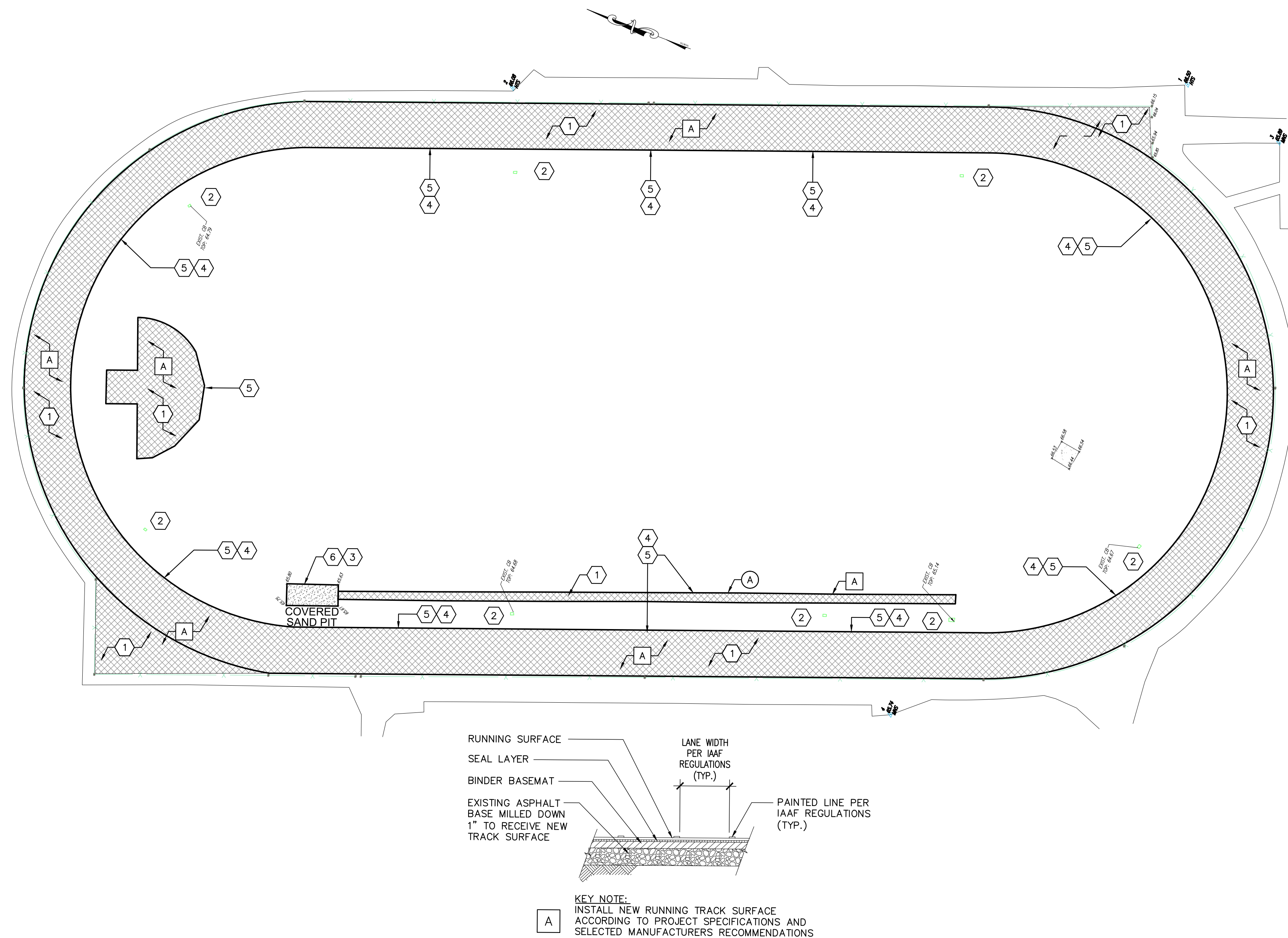
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4. THE CONTRACTOR SHALL SAFELY SECURE ANY AND ALL PIPING, WIRING, CABLES, OR DEVICES THAT ARE NOT SCHEDULED FOR DEMOLITION, AND WERE SECURED BY ITEMS THAT HAVE BEEN OR ARE SCHEDULED FOR DEMOLITION.
5. CONTRACTOR IS RESPONSIBLE TO REMOVE SITE DEBRIS, TRASH, AND OTHER DISCARDED MATERIALS AND/OR EQUIPMENT RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT AND LEGALLY DISPOSE OFF SITE.
6. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, COMPLY WITH APPLICABLE REGULATIONS, LAWS, AND ORDINANCES CONCERNING REMOVAL, HANDLING, AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
7. BURNING OF REMOVED MATERIALS IS NOT PERMITTED ON THE PROJECT SITE.
8. COORDINATE ALL DEMOLITION WORK ON THE EXISTING SITE WITH THE OWNER BEFORE PROCEEDING.
9. CONTRACTOR SHALL PROMPTLY PATCH AND REPAIR DAMAGE CAUSED TO ADJACENT CONSTRUCTION BY DEMOLITION WORK. RESTORE EXPOSED FINISHES IN A MANNER THAT
10. ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.
11. REMOVE DECAYED, VERMIN INFESTED, OR OTHERWISE DANGEROUS OR UNSTABLE
12. MATERIALS, AND PROMPTLY DISPOSE OFF SITE.
13. ASSESS THE SUB-SURFACE CONDITION AND NOTIFY OWNER/ARCHITECT OF ANY
14. IMPERFECTIONS THAT WILL PREVENT OR HINDER THE RE-INSTALLATION OF TRACK SURFACE.
15. COORDINATE WITH OWNER/ARCHITECT ON PATCHING AND REPAIR OF SUB-SURFACE
16. CONDITIONS PRIOR TO RE-INSTALLATION OF TRACK SURFACE.
17. REFER TO PROJECT MANUAL FOR MORE SPECIFIC INFORMATION REGARDING DEMOLITION AND RE-INSTALLATION SPECIFICATIONS.

KEYED DEMOLITION NOTES

- | | | |
|---|---|---|
| 1 |  | DEMOLISH OLD AND CRUMBLING TRACK SURFACE IN ITS ENTIRETY THROUGHOUT HATCHED AREA, EXISTING ASPHALT SURFACE TO MILLED DOWN 1". PREP REMAINING ASPHALT SURFACE FOR NEW WORK. REFERENCE PROJECT MANUAL FOR MORE INFORMATION ON NEW WORK. |
| 2 | | AVOID AND OR PROTECT EXISTING DRAINS DURING DEMOLITION PHASE AND NEW WORK PHASE. |
| 3 | | REPLACE LONG JUMP SAND PIT COVER WITH READY FIT ALUMINUM SAND PIT COVER. BASIS OF DESIGN AND MANUFACTURER T.B.D. SIZE OF PIT COVER TO BE VERIFY IN FIELD. SEE PROJECT MANUAL FOR MORE INFORMATION. |
| 4 | | PROTECT EXISTING PERIMETER CURB AT TRACK DURING DEMOLITION AND NEW WORK PHASES. |
| 5 | | PROTECT TURF DURING DEMOLITION AND NEW WORK PHASES. |
| 6 | | REPLACE ALL DAMAGED OR DECAYING RUBBER DRAINAGE COVERS, THROUGHOUT TRACK. |

KEYED INSTALLATION NOTES

- A**  INSTALL NEW RUNNING TRACK SURFACE ACCORDING TO PROJECT MANUAL AND SELECTED MANUFACTURERS RECOMMENDATIONS THROUGHOUT HATCHED AREA



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Delcastle Technical High School

TRACK RESURFACING

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WILMINGTON, DE 19804

TRACK REPLACEMENT PLAN

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Jan 29, 2019 - 2:54pm

TRACK REPLACEMENT PLAN

SCALE: 3/16" = 1' - 0" | 1