

Haverford Township – Board of Commissioners

Meeting: Tuesday, September 3, 2024

Location: Commissioners Meeting Room – 1014 Darby Rd, Havertown,
Pa. 19083

Work Session Agenda

National Recovery Month

Commissioner Committee Updates

Police Department – Crime Update

Next Week:

Annual MMO (Minimum Municipal Obligation)

Ordinance No. P12-2024

Traffic (2nd Reading)

Resolution No. 2392-2024

Haverford Township Day

Resolution No. 2393-2024 - Results will be included in final Agenda

ARPA – Cobbs Creek Interceptor

Resolution No. 2394-2024

Traffic Signal Authorization - Lawrence Road Midblock Crossing at Lynnewood

Elementary School

Resolution No. 2395-2024

Amended Plan Approval – 5 Llandillo Road

Resolution No. 2396-2024

Preliminary/Final Land Development – Haverford Middle School Addition

Resolution No. 2397-2024

ARPA – Recreation Department – Replace Site Lights along Trail at Jack McDonald Field and Brookline Park Safety Surfacing

Contract Awards:

Cobbs Creek Interceptor – BID Results will be included in final Agenda

Darby Creek Trail Extension Phase II - BID Results will be included in final Agenda

Dunleavy Associates - Lead Based Paint Testers – BID Results will be included in final Agenda

Electric Vehicles Charging Stations at Police Department – Results will be included in final Agenda

Purchases

Public Works Department – Replacement of two (2) Street Light Poles

Recreation Department:

Rubber Safety Surfacing for Brookline Park

Replace Site Lights along Trail at Jack McDonald Field

Agreement:

Certified Local Government (CLG) Grant Program between Haverford Township and the Pennsylvania Historical and Museum Commission

Appointment:

Senior Advisory Board – 6th Ward

Proclamations: Grange Estate – 50th Anniversary

Letters of Commendation – Emergency Services

Thomas J. Anderson & Associates, Inc.

MUNICIPAL PENSION SPECIALISTS

115 WESTTOWN RD., STE 101
WEST CHESTER, PA 19382
(610) 430-3385 FAX (610) 430-3387

August 1, 2024

Ms. Aimee Cuthbertson, CPA
Director of Finance
HAVERFORD TOWNSHIP
1014 Darby Rd.
Havertown, PA 19083

RE: 2025 Financial Requirement and Minimum Municipal Obligation

Dear Aimee:

Enclosed is the Financial Requirement and Minimum Municipal Obligation (MMO) for your municipality's Pension Plan(s) for the upcoming 2025 plan year. Act 205 requires that the Chief Administrative Officer (CAO) of the pension plan(s) shall submit to the governing body of the municipality the financial requirement. **This annual report must be presented to the governing body on or before the last business day in September (September 30, 2024).**

The payroll amount used in your 2025 budget was computed by obtaining from you, the earnings for the active full-time members of the pension plan(s) as of June 30, 2024 and then doubling this figure in order to arrive at the projected annual payroll for the year in which the budget is prepared. The budgeted administrative expenses were based upon the expenses reported in the plan(s)' most recent Act 205 Actuarial Report.

Line 9 of the plan(s) MMO represents the minimum obligation permitted based upon actuarial smoothing. Line 10 reflects the MMO based upon the plan(s) market value of assets. The reason we are bringing this to your attention is to make you aware of the plan(s) higher MMO requirement(s) based upon market value without the smoothing provision.

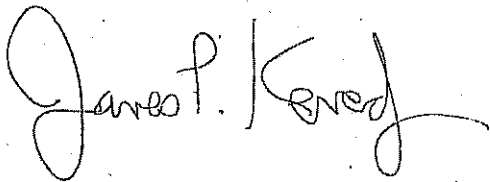
We understand the economic hardships that are facing local governments; however, from an actuarial funding standpoint we strongly recommend, if at all possible, your municipality gives consideration to providing additional funding above the minimum smoothing based MMO requirement(s).

Ms. Aimee Cuthbertson, CPA
August 1, 2024
Page two

In order to avoid any confusion, we are requesting that you identify the MMO on line 9 or 10 and the amount your municipality elects to utilize in funding the plan's 2025 MMO obligation and clearly write in your election # and the dollar amount on the 2025 MMO budget worksheet in the spaces provided above the signature line.

These reporting requirements will be closely monitored by the Department of the Auditor General in future audits. Therefore, if you should have any questions concerning any of the above, please do not hesitate to contact our office. Upon approval, please forward a signed/dated copy of this 2025 MMO budget(s) for our records with your election(s).

Sincerely,

A handwritten signature in cursive script that reads "James P. Kennedy". The signature is written in dark ink and is positioned above the typed name.

JAMES P. KENNEDY
President

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2025**

NAME OF MUNICIPALITY:
COUNTY:

HAVERFORD TOWNSHIP
DELAWARE

POLICE
PENSION PLAN

1	TOTAL ANNUAL PAYROLL Estimated Payroll	\$7,700,000
2	NORMAL COST AS A PERCENTAGE OF PAYROLL (Derived from latest actuarial valuation)	14.85%
		1/1/23
3	TOTAL NORMAL COST (Item 1 x Item 2)	\$1,143,450
4	AMORTIZATION REQUIREMENT (Derived from latest actuarial valuation)	\$2,574,164
5	TOTAL ADMINISTRATIVE EXPENSES (Based on Estimate)	\$19,518
6	FINANCIAL REQUIREMENT (+ Item 3 + Item 4 + Item 5)	\$3,737,132
7	TOTAL MEMBERS CONTRIBUTIONS	\$385,000
8	FUNDING ADJUSTMENT (Derived from latest actuarial valuation)	\$0
9	MINIMUM MUNICIPAL OBLIGATION (+ Item 6 - Item 7 - Item 8)	\$3,352,132
10	MINIMUM MUNICIPAL OBLIGATION BASED UPON MARKET VALUE OF ASSETS	\$4,345,155

I elect line _____ (9 or 10) as my 2025 MMO in the amount of \$ _____

Signature of Chief Administrative Officer

Date Certified to Governing Body

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2025**

NAME OF MUNICIPALITY:
COUNTY:

HAVERFORD TOWNSHIP
DELAWARE

NON-UNIFORMED
PENSION PLAN

1	TOTAL ANNUAL PAYROLL Estimated Payroll	\$4,664,000
2	NORMAL COST AS A PERCENTAGE OF PAYROLL (Derived from latest actuarial valuation)	9.57%
	1/1/23	
3	TOTAL NORMAL COST (Item 1 x Item 2)	\$446,345
4	AMORTIZATION REQUIREMENT (Derived from latest actuarial valuation)	\$1,519,261
5	TOTAL ADMINISTRATIVE EXPENSES (Based on Estimate)	\$20,818
6	FINANCIAL REQUIREMENT (+ Item 3 + Item 4 + Item 5)	\$1,986,424
7	TOTAL MEMBERS CONTRIBUTIONS	\$209,880
8	FUNDING ADJUSTMENT (Derived from latest actuarial valuation)	\$0
9	MINIMUM MUNICIPAL OBLIGATION (+ Item 6 - Item 7 - Item 8)	\$1,776,544
10	MINIMUM MUNICIPAL OBLIGATION BASED UPON MARKET VALUE OF ASSETS	\$2,775,298

I elect line _____ (9 or 10) as my 2025 MMO in the amount of \$_____

Signature of Chief Administrative Officer

Date Certified to Governing Body

Thomas J. Anderson & Associates, Inc.

MUNICIPAL PENSION SPECIALISTS

115 WESTTOWN RD., STE 101
WEST CHESTER, PA 19382
(610) 430-3385 FAX (610) 430-3387

August 1, 2024

Ms. Aimee Cuthbertson, CPA
Director of Finance
HAVERFORD TOWNSHIP
1014 Darby Rd.
Havertown, PA 19083

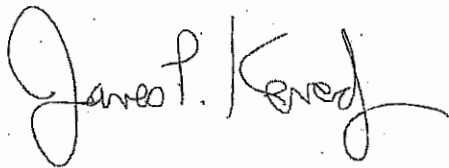
RE: 2025 Financial Requirement and Minimum Municipal Obligation

Dear Aimee:

Enclosed is the Financial Requirement and Minimum Municipal Obligation (MMO) for your municipality's Pension Plan(s) for the upcoming 2025 plan year. Act 205 requires that the Chief Administrative Officer (CAO) of the pension plan(s) shall submit to the governing body of the municipality the financial requirement of the pension plan(s) for the following plan year (2025). This annual report must be presented to the governing body on or before the last business day in September (September 30, 2024).

If you should have any questions concerning any of the above, please do not hesitate to contact me. Upon approval, please forward a signed/dated copy of this 2025 MMO budget(s) for our records.

Sincerely,



JAMES P. KENNEDY
President

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2025**

NAME OF MUNICIPALITY:
COUNTY:

HAVERFORD TOWNSHIP
DELAWARE

NON-UNIFORMED
DEF. CONT.

1. TOTAL ANNUAL PAYROLL (Estimated payroll)	4,500,000
2. RATE OF CONTRIBUTION AS A % OF PAYROLL (Derived from latest actuarial valuation) 1/1/23	4.50%
3. TOTAL CONTRIBUTION COST (Item 1 times Item 2)	202,500
4. TOTAL ADMINISTRATIVE EXPENSES	6,550
5. TOTAL FINANCIAL REQUIREMENT (+Item 3 +Item 4)	209,050
6. MINIMUM MUNICIPAL OBLIGATION	209,050

Signature of Chief Administrative Officer

Date Certified to Governing Body

Township of Haverford
Ordinance No. P12-2024
Traffic

An Ordinance of the Township of Haverford, County of Delaware, Commonwealth of Pennsylvania, further amending and supplementing Ordinance No. 1960, adopted June 30, 1986, and known as "General Laws of the Township of Haverford" Chapter 175, Vehicles and Traffic.

Be it enacted and ordained by the Board of Commissioners of the Township of Haverford, County of Delaware, Commonwealth of Pennsylvania:

Section 1. That Section 175-83, Schedule VIII: STOP INTERSECTIONS:

On Morris Road, west, at the intersection of Woodcrest Avenue.

Section 2. Upon effective date of this ordinance, the Highway Department shall install appropriate signs in the designated section or zones giving notice of the regulations aforesaid.

Section 3. Any ordinance or part of an ordinance to the extent that it is inconsistent herewith is hereby repealed.

Adopted this 9th day of September, 2024.

Township of Haverford

By: C. Lawrence Holmes
President, Board of Commissioners

Attest: David R. Burman
Township Manager/Secretary

Township of Haverford

Resolution No. 2392 -2024

Whereas, the Board of Commissioners designate Haverford Police Department's – Chief John Viola, to execute any and all documents with PaDot and be responsible for the safety and welfare of residents utilizing State Highways on Haverford Township Day, Saturday, October 5, 2024.

Now, therefore, be it resolved by the Board of Commissioners of the Township of Haverford, County of Delaware, Commonwealth of Pennsylvania, authorize Chief John Viola, as the Township's designee.

Resolved this 9th day of September, 2024.

Township of Haverford

By: C. Lawrence Holmes, Esq.
President, Board of Commissioners

Attest: David R. Burman
Township Manager/Secretary

RESOLUTION 2394-2024

BE IT RESOLVED, by authority of the Board of Commissioners
_____ (Name of governing body)

of the Township of Haverford _____, Delaware _____ County, and it
(Name of MUNICIPALITY)

is hereby resolved by authority of the same, that the Township Manager/Secretary _____
(designate official title)

of said MUNICIPALITY is authorized and directed to submit the attached Application for Traffic Signal Approval to the Pennsylvania Department of Transportation and to sign this Application on behalf of the MUNICIPALITY.

ATTEST: TOWNSHIP OF HAVERFORD
_____ (Name of MUNICIPALITY)

(Signature and designation of official title) By: _____
(Signature and designation of official title)

I, David R. Burman _____, Township Manager/Secretary
(Name) (Official Title)

of the Board of Commissioners of the Township of Haverford _____, do hereby certify that the foregoing
(Name of governing body and MUNICIPALITY)

is a true and correct copy of the Resolution adopted at a regular meeting of the Board of Commissioners _____, held the 9th day of September, 2024.
(Name of governing body)

DATE: 9/9/2024 _____
(Signature and designation of official title)

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

A - Applicant's (Municipal) Contact Information

Municipal Contact's Name : David R. Burman Title : Township Manager
 Municipal Name : Haverford Township
 Municipal Address : 1014 Darby Road, Havertown, PA 19083
 Municipal Phone Number : 610-446-1000 Alternative Phone Number : 610-639-5991
 E-mail Address : dburman@havtwp.org
 Municipal Hours of Operation : 8 AM - 4 PM

B - Application Description

Location (*intersection*) : Lawrence Road SR 1016 and midblock crossing at Lynnewood Elementary School
 Traffic Control Device is : NEW Traffic Signal EXISTING Traffic Signal (Permit Number) : _____
 Type of Device (*select one*) Traffic Control Signal (MUTCD Section 4D, 4E, 4G) Flashing Beacon (MUTCD Section 4L) School Warning System (MUTCD Section 7B)
 Other : _____
 Is Traffic Signal part of a system? : YES NO System Number (*if applicable*) : _____
 If YES, provide locations of all signalized intersections in system.

Explain the proposed improvements :
Installation of Rectangular Flashing Beacons (RRFB's) at this mid-block location as part of the Vulnerable User Safety Contract, including ADA ramps.

Associated with Highway Occupancy Permit (HOP)? : YES NO If YES, HOP Application # : _____

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by? :
 Municipal Personnel Municipal Contractor Municipal Personnel & Contractor
 Other : _____
 Maintenance and Operations Contact Name : Stephanie Higgins McGough Company/Organization : Charles A. Higgins & Sons, Inc
 Phone # : 610-566-3700 Alternative Phone # : 484-266-9931 E-mail : higginselec25@verizon.net

D - Attachments Listing

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Municipal Resolution (<i>required</i>) | <input type="checkbox"/> Location Map | <input type="checkbox"/> Traffic Volumes / Pedestrian Volumes |
| <input type="checkbox"/> Letter of Financial Commitment | <input type="checkbox"/> Photographs | <input type="checkbox"/> Turn Lane Analysis |
| <input type="checkbox"/> Traffic Signal Permit | <input type="checkbox"/> Straight Line Diagram | <input type="checkbox"/> Turn Restriction Studies |
| <input type="checkbox"/> Warrant Analysis | <input type="checkbox"/> Capacity Analysis | <input type="checkbox"/> Other : _____ |
| <input type="checkbox"/> Crash Analysis | <input type="checkbox"/> Traffic Impact Study (TIS) | |
| <input type="checkbox"/> Traffic Signal Study | <input type="checkbox"/> Condition Diagram | |

Application for Traffic Signal Approval



Please Type or Print all information in Blue or Black Ink

County : _____
Engineering District : _____
Department Tracking # : _____
Initial Submission Date : _____

E - Applicant (Municipal) Certification

The applicant desires to own, operate, and maintain the traffic control device in the location indicated above; and the Vehicle Code requires the approval of the Department of Transportation ("Department") before any traffic signals may be legally erected or modified. A signed Application for Traffic Signal Approval (TE-160) must be submitted in conformance with the instructions provided by the Department, and a Traffic Signal Permit must be issued, before any work can begin.

If the Department approves a traffic signal after a traffic engineering study and engineering judgment indicates the need, the traffic signal shall be installed, owned, operated, and maintained within the parameters indicated in the Vehicle Code and the Department's regulations relating to traffic signs, signals, and markings. The Department may direct appropriate alterations to the design or operation (including, but not limited to, hours of operation) of the traffic signal, or require removal of the traffic signal, if traffic conditions or other considerations necessitate alteration or removal.

All items associated with the traffic control device (geometric features, signs, signals, pavement markings, pedestrian accommodations, and other traffic control device associated items) are the applicant's responsibility. The Traffic Signal Permit will then document all of the items associated with operation of each traffic control device. The applicant, at its sole expense, shall provide the necessary inspection, maintenance, and operation activities in conformance with the Department's Publication 191 or as otherwise agreed to by the Department. The applicant shall perform the preventative and responsive maintenance requirements and recordkeeping in accordance with the exhibits specified below. If the applicant fails to provide the required inspection, maintenance, or operation services within thirty (30) days of receipt of written notice from the Department, the Department shall have the right to perform the required inspection, maintenance, or operation services in the applicant's stead and the applicant shall reimburse the Department for all costs incurred. Federal- and/or state-aid participation may be withheld on all future projects if the applicant fails to demonstrate to the Department the ability to provide all required maintenance and operation services. The applicant certifies that it has funds available and committed for the operation and maintenance of the traffic control device and that it will make available sufficient funds for all required future inspection, maintenance, and operation activities.

The applicant shall indemnify, save harmless and, defend (if requested) the Commonwealth of Pennsylvania, its agents, representatives, and employees from and against any damages recoverable under the Sovereign Immunity Act, 42 Pa. C.S. §§ 8521-8528, up to the limitations on damages under said law, arising out of any personal injury or damage to property which is finally determined by a court to be caused by or result from acts or omissions of the applicant and for which a court has held applicant, its officials, or employees to be liable. This provision shall not be construed to limit the applicant in asserting any rights or defenses. Additionally, the applicant shall include in any contracts into which it enters for maintenance, operation, or inspection of the traffic control device this same obligation to indemnify the Commonwealth and its officers, agents, and employees; and it shall require its contractor(s) to provide public liability insurance coverage, naming the Commonwealth and the applicant as additional insureds for bodily injury, including death and property damage, in the minimum amounts of \$500,000 per person, \$1,000,000 per occurrence, it being the intention of parties to have the contractor fully insure and indemnify the Commonwealth and the applicant.

The applicant shall comply with the study and ordinance requirements of 75 Pa. C.S. § 6109. The applicant submits this application with the intention of being legally bound.

Neither this application nor any Traffic Signal Permit creates any rights or obligations with respect to parties other than the applicant and the Department. Third parties may not rely upon any representations made by either the applicant or the Department in connection with the submission or approval of this application or any work permitted or approved that is related to this application, as regards either payment of funds or performance of any particular item of maintenance precisely as specified.

The applicant agrees to comply with the attached Exhibits:

- Exhibit "A": Preventative and Response Maintenance Requirements (Sheet 3 of 5)
- Exhibit "B": Recordkeeping (Sheet 4 of 5)
- Exhibit "C": Signal Maintenance Organization (Sheet 5 of 5)

Printed Municipal Contact Name : David R. Burman **Date :** 9/9/2024

Signed By : _____ **Witness or Attest :** _____

Title of Signatory : Township Manager/Secretary **Title of Witness or Attester:** Executive Assistant

**Exhibit "A":
 Preventative and Response Maintenance
 Requirements**



County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Preventive Maintenance

The APPLICANT or its contractor will provide preventive maintenance for each individual component of the traffic signal installation covered by this application at intervals not less than those indicated in the Preventive Maintenance Summary, PA DOT Publication 191, current version. This is the recommended level of maintenance to keep the intersection control equipment and signals in mechanically, structurally and aesthetically good condition.

Response Maintenance

The APPLICANT or its contractor will provide response maintenance in accordance with the provisions of the Response Maintenance Schedule. It encompasses the work necessary to restore a traffic signal system to proper and safe operation. Includes Emergency Repair and Final Repair.

FINAL REPAIR:

Repair or replace failed equipment to restore system to proper and safe operation in accordance with permit within a 24-hour period.

EMERGENCY REPAIR:

Use alternative means or mode to temporarily restore system to safe operation within a 24-hour period. Final repair must then be completed within 30 days unless prohibited by weather conditions or availability of equipment.

Response Maintenance Schedule

<u>KNOCKDOWNS</u>	<u>TYPE OF REPAIR PERMITTED</u>
Support - Mast arm	Emergency or Final
Support - Strain pole	Emergency or Final
Span wire/tether wire	Final Only
Pedestal	Emergency or Final
Cabinet	Emergency or Final
Signal heads	Final Only
 <u>EQUIPMENT FAILURE</u>	
Lamp burnout (veh. & ped.)	Final Only
Local controller	Emergency or Final
Master controller	Emergency or Final
Detector sensor	
- Loop	Emergency or Final
- Magnetometer	Emergency or Final
- Sonic	Emergency or Final
- Magnetic	Emergency or Final
- Pushbutton	Emergency or Final
Detector amplifier	Emergency or Final
Conflict monitor	Final Only
Flasher	Final Only
Time clock	Emergency or Final
Load switch/relay	Final Only
Coordination unit	Emergency or Final
Communication interface, mode	Emergency or Final
Signal cable	Final Only
Traffic Signal Communications	Final Only
Traffic Signal Systems	Final Only

**Exhibit "B":
Recordkeeping**

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Recordkeeping

Accurate and up-to-date recordkeeping is an essential component of a good traffic signal maintenance program. In recognition of this fact, the APPLICANT must prepare, retain, and make available to the COMMONWEALTH, on request, a record of all preventive and response maintenance activities performed on the traffic signal equipment covered by this application.

The APPLICANT shall establish a separate file for each installation and keep its records in the municipal building, signal maintenance shop, or other weather-protected enclosure.

At a minimum, the following records will be kept by the APPLICANT or its contractor for each traffic signal. These forms can be found in Section 10.0, Maintenance Record Forms, PA DOT Publication 191, current version.

FORM 1 - Master Intersection Record

This form, which lists all maintenance functions performed at the intersection, should be updated within one day of the activity but no more than one week later.

FORM 2 - Response Maintenance Record

Each time response maintenance is required at the intersection, this form is to be completed. Once the pertinent information is transferred to the master intersection record, this form is to be placed in the intersection file.

FORM 3 - Preventive Maintenance Record

This form will be used to provide a record of the preventive maintenance activities performed at each intersection. The date, the activities performed, and the signature of the person in charge of the work must be recorded in the form.

This form may be kept at the intersection, if it is adequately protected from the weather. Form 1 must be updated at the central file, however, to reflect the date and activity.

**Exhibit "C":
Signal Maintenance Organization**

County : _____
 Engineering District : _____
 Department Tracking # : _____
 Initial Submission Date : _____

Personnel Classifications

In order to properly maintain the traffic signal equipment covered by this applicant, the APPLICANT agrees to provide, as minimum, the following staff throughout the useful life of equipment. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Traffic Engineer - The administrative position which has prime responsibility for the proper operation of traffic signal equipment. The principal function of this position is the supervision and control of subordinate personnel and the planning of their activities to ensure adequate preventive and response maintenance programs.

Minimum Position Requirements

1. A thorough understanding of traffic signal design, installation and maintenance.
2. A working knowledge of the interaction between the following traffic characteristics: Intersection geometry, traffic flow theory, control type (fixed time, actuated, etc.), signal phasing and timing, and interconnection.
3. An ability to supervise subordinate personnel effectively in the assignment of their work.
4. Possession of a college degree in engineering, which includes course work in traffic engineering.
5. Either four years experience in the field of traffic engineering or its equivalent in graduate college work.

Signal Specialist - The individual responsible for the diagnostics and repair of all traffic signal equipment including solid state equipment.

Minimum Position Requirements

1. Extensive training and troubleshooting skills in electronics and software.
2. Ability to repair modules in the shop and to design test equipment needed to diagnose and repair a problem.
3. Ability to make design and modifications to implement or omit special functions.
4. Ability to implement a recordkeeping system to include maintenance activities, inventory control and identification of recurring problems.
5. Ability to perform all tasks required of a signal technician.

Signal Technician - Individual responsible for the operation and maintenance of traffic signals and electromechanical equipment.

Minimum Position Requirements

1. Ability to perform response maintenance on solid state equipment up to the device exchange level.
2. Capability to diagnose a vehicle loop failure and initiate corrective action.
3. Ability to tune detector amplifiers.
4. Ability to follow wiring schematics, check and set timings from plan sheet and check all field connections.
5. Ability to perform preventive maintenance on all equipment and to maintain accurate records of all work perform.

Training

The APPLICANT agrees to secure training in order to upgrade the ability of its present staff to properly perform the required maintenance functions. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191.

Budget Requirements

The APPLICANT agrees to provide, in its annual operating budget, dedicated funds which are sufficient to cover the cost of the personnel, training, contractors (if utilized) and specialized maintenance equipment which are required, by virtue of this application. The APPLICANT agrees to abide by all guidance provided in PA DOT Publication 191..

Application Instructions



A - Applicant's (Municipal) Contact Information

Municipal Contact's Name: Provide the municipal contact name that is (or will be responsible) for the traffic signal. Typically this is either the Municipal Manager or Roadmaster.

Title: Provide the title of the municipal contact name.

Municipal Name: Provide the official municipal name.

Municipal Address: Provide the full address of the municipal building.

Municipal Phone Number: Provide the municipal phone number of the municipal contact.

Alternative Phone Number: Provide an alternative phone number of the municipal contact.

E-mail Address: Provide the e-mail address of the municipal contact.

Municipal Hours of Operation: Please provide the municipalities normal operating hours (i.e. Monday-Thursday 9 AM - 2 PM)

B - Application Description

Location (*intersection*): Please provide a detailed location of the device or devices being considered for approval.

Please include any State Route and/or local road names in your description.

Traffic Control Device is: (Please select one of the two following categories)

NEW Traffic Signal: This item should be selected when requesting approval of a traffic signal that is currently not in operation at the device location indicated above.

EXISTING Traffic Signal: This item should be selected when requesting approval to make a modification or update to an existing traffic signal.

(Permit Number): Please provide the traffic signal permit number.

Type of Device (select one): (Please select one of the four following categories)

Traffic Control Signal: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Sections 4D, 4E, and 4G. When selecting this category this is the typical red/yellow/green and pedestrian signal indications

Flashing Beacon: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 4L. When selecting this category, this is typically either the flashing yellow/red signal at an intersection and/or the flashing yellow warning sign.

School Warning System: As defined in federal Manual on Uniform Traffic Control Devices (MUTCD) Section 7B. When selecting this category, this is typically the flashing school warning sign with a 15 mph indication.

Other: When selecting this category, this pertains to all other permitted electrically powered traffic control devices approved by the Department.

Is Traffic Signal part of a system?: Check off the appropriate box, either YES or NO. If YES, please fill in the **System Number (if applicable):** line.

Explain the proposed improvements: Provide a description of the proposed improvements to the intersection. This may be as complex as installing and/or upgrading a traffic signal or as non-complex as placement of a new traffic sign to supplement an existing traffic signal.

Associated with Highway Occupancy Permit (HOP)?: Check off the appropriate box, either YES or NO. If YES, please fill in the **Application #:** line.

C - Maintenance and Operation Information

Maintenance and Operations are typically performed by?: Please indicate if maintenance and operation will be performed by Municipal Personnel or through Contract Services.

Maintenance and Operations Contact Name: Provide the primary maintenance contact name for the individual that is (or will be responsible) for the maintenance and operation of the traffic signal.

Company/Organization: Provide the name of the company/organization with which the primary maintenance contact is affiliated.

Phone #: Provide the phone number for the primary maintenance contact.

Alternative Phone #: Provide an alternative phone number for the primary maintenance contact or affiliated company/organization.

E-mail: Provide the e-mail address for the primary maintenance contact.

D - Attachments Listing

Check off all documents which will be submitted along with this application. Note that a Municipal Resolution, authorizing the municipal contact to submit and sign the application, is a required document.

A sample Municipal Resolution has been provided on the next page.

E - Applicant (Municipal) Certification

Printed Municipal Contact Name: Please print the name of the municipal contact person signing the application.

Date: Please provide the date on which the application was signed.

Signed By: Please provide the signature of the named municipal contact.

Title of Signatory: Please provide the title of municipal contact.

Witness or Attest: Please provide the signature of the person witnessing or attesting the signature.

Witness or Attester: Please provide the title of the person witnessing or attesting the signature.

HAVERFORD TOWNSHIP

REVISION NUMBER	REVISIONS	DATE	BY

GENERAL NOTES

DO NOT MODIFY INSTALLATION WITHOUT PRIOR WRITTEN APPROVAL BY THE DEPARTMENT.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ARE PART OF THE PERMIT. INSTALL AND MAINTAIN IN ACCORDANCE WITH PUBLICATION 212 AND PUBLICATION 236.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET FOR ALL SUPPORT POLES FOR OVERHEAD SIGNALS.

ERECT THE BOTTOM OF POST MOUNTED SIGNAL HEADS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

DETERMINE THE EXACT LOCATION OF DETECTORS WITH A PENNDOT REPRESENTATIVE PRIOR TO INSTALLATION.

THE CONTRACTOR IS TO COMPLETE THE NECESSARY APPLICATION(S) IN ORDER TO OBTAIN ELECTRICAL SERVICE FROM THE LOCAL POWER COMPANY.

CONSULT WITH LOCAL OFFICIALS AND UTILITIES TO RESOLVE CONFLICTS PRIOR TO CONSTRUCTION.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF ACT 50, AS AMENDED, UNDERGROUND UTILITY PROTECTION ACT, DATED APRIL 28, 2018. PRIOR TO CONSTRUCTION, CONSULT WITH UTILITY COMPANIES TO RESOLVE ANY CONFLICTS.

THE PA ONE CALL NOTIFICATIONS PERFORMED DURING PROJECT DEVELOPMENT ARE AS FOLLOWS:

PRELIMINARY DESIGN SERIAL NUMBER. _____ ISSUED ON _____ FOR _____

FINAL DESIGN SERIAL NUMBER. 20240533018 ISSUED ON 2/22/2024 FOR HAVERFORD TOWNSHIP

KMJ CONSULTING, INC. HAS NOT MADE AN INDEPENDENT DETERMINATION WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION AND SPECIFICALLY DISCLAIMS ANY WARRANTY OR REPRESENTATION AS TO THE ACCURACY OF SUCH INFORMATION. ALL LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

CALL BEFORE YOU DIG !

PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE.

BEFORE YOU DIG, CALL THE PA ONE CALL SYSTEM TELEPHONE NUMBER.



1-800-242-1776

PERMIT NO: XX-XXXX FILE: XXXX

FLASHING WARNING DEVICE

COUNTY: DELAWARE
MUNICIPALITY: HAVERFORD TOWNSHIP

LOCATION: LAWRENCE ROAD (S.R. 1016) AND MIDBLOCK CROSSING

REVIEWED: _____
MUNICIPAL OFFICIAL DATE

RECOMMENDED: _____
ADE - TRANSPORTATION OPERATIONS DATE

EXISTING SIGN TABULATION

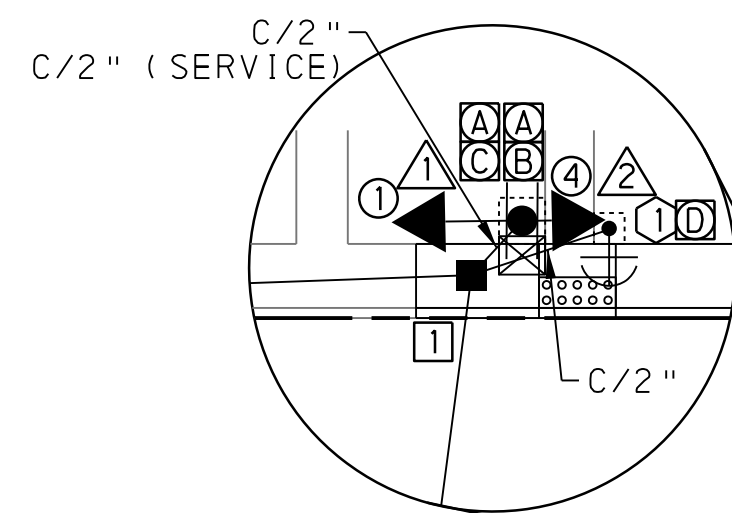
PLAN SYMBOL	SERIES	QTY	REMARKS
(A)	W11-2	1	PEDESTRIAN
(B)	S1-1	1	SCHOOL
(C)	SPECIAL	1	PED XING
(D)	BSP	1	RETROREFLECTIVE STRIPE (YELLOW)
(E)	R6-1L	4	HORIZONTAL LEFT ONE-WAY
(F)	R6-1R	4	HORIZONTAL RIGHT ONE-WAY
(H)	R5-1	2	DO NOT ENTER
(J)	R1-1	2	STOP
(K)	R4-8	1	KEEP LEFT

PROPOSED SIGN TABULATION

PLAN SYMBOL	SERIES	SIZE	QTY	SIGN TYPE (B/F/SM)	REMARKS
(A)*	S1-1	36"X36"	4	F	SCHOOL (FLUORESCENT GREEN)
(B)*	W16-7P	24"X12"	2	F	DIAGONAL DOWNWARD POINTING ARROW (FLUORESCENT GREEN)
(C)*	W16-7P	24"X12"	2	F	DIAGONAL DOWNWARD POINTING ARROW (FLUORESCENT GREEN)
(D)*	R10-25 (MOD.)	9"X15"	2	F	PUSH BUTTON TO TURN ON WARNING LIGHTS (MODIFIED)
(F)	R1-5L	36"X36"	2	B	YIELD HERE TO PEDESTRIAN WITH LEFT ARROW
(G)	W16-9P	24"X12"	2	F	AHEAD PLAQUE (FLUORESCENT GREEN)
(H)	BSP	-	2	-	RETROREFLECTIVE STRIPE (FLUORESCENT GREEN)
(J)	S1-1	36"X36"	2	B	SCHOOL (FLUORESCENT GREEN)

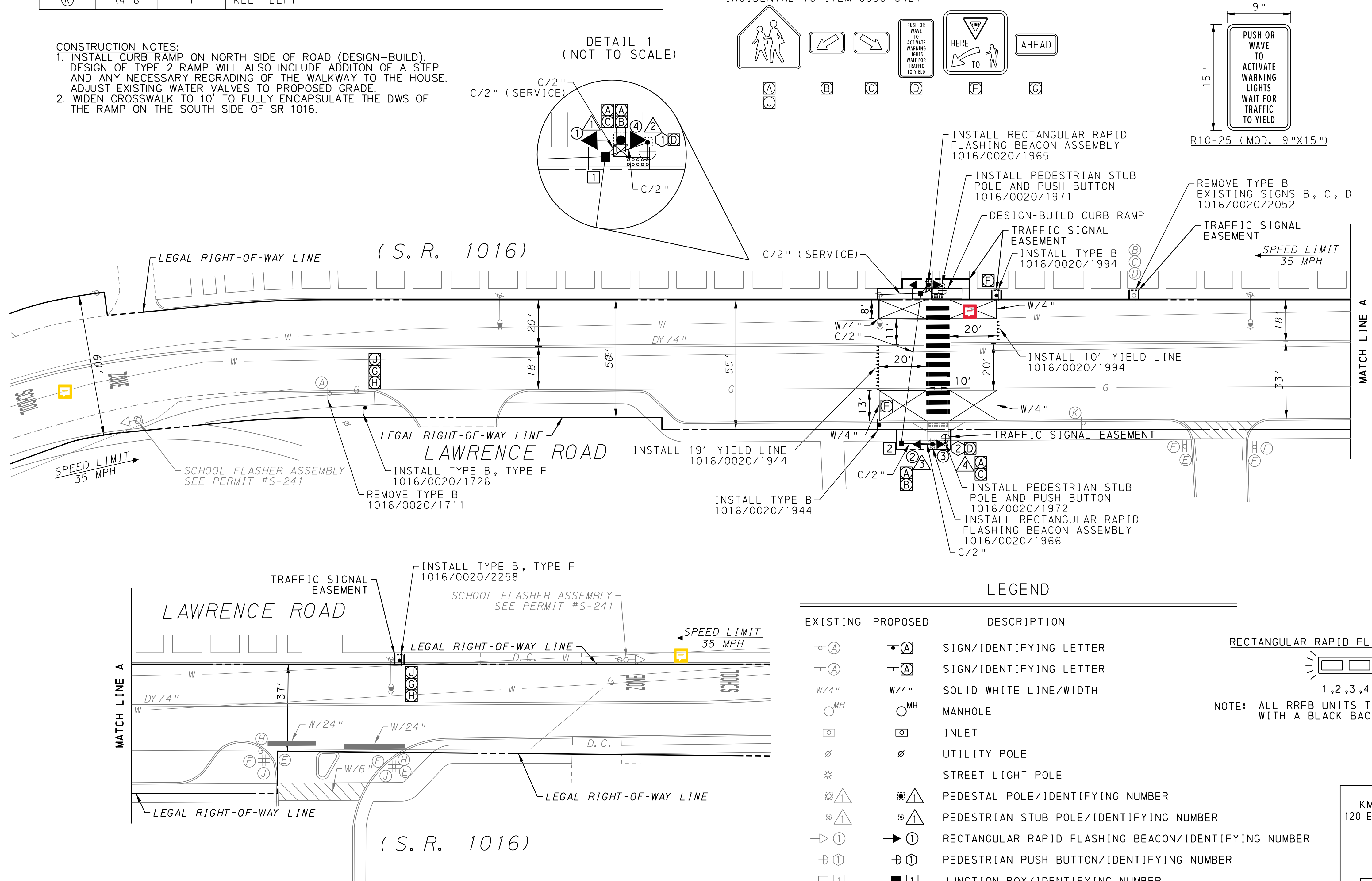
*INCIDENTAL TO ITEM 0935-0421

DETAIL 1 (NOT TO SCALE)



CONSTRUCTION NOTES:

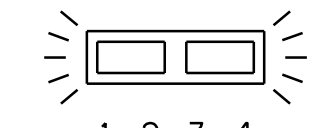
- INSTALL CURB RAMP ON NORTH SIDE OF ROAD (DESIGN-BUILD). DESIGN OF TYPE 2 RAMP WILL ALSO INCLUDE ADDITION OF A STEP AND ANY NECESSARY REGRADING OF THE WALKWAY TO THE HOUSE. ADJUST EXISTING WATER VALVES TO PROPOSED GRADE.
- WIDEN CROSSWALK TO 10' TO FULLY ENCAPSULATE THE DWS OF THE RAMP ON THE SOUTH SIDE OF SR 1016.



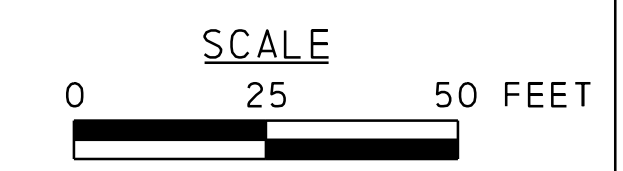
LEGEND

EXISTING	PROPOSED	DESCRIPTION
(A)	(A)	SIGN/IDENTIFYING LETTER
(A)	(A)	SIGN/IDENTIFYING LETTER
W/4"	W/4"	SOLID WHITE LINE/WIDTH
MH	MH	MANHOLE
INLET	INLET	INLET
UTILITY POLE	UTILITY POLE	UTILITY POLE
STREET LIGHT POLE	STREET LIGHT POLE	STREET LIGHT POLE
PEDESTAL POLE/IDENTIFYING NUMBER	PEDESTAL POLE/IDENTIFYING NUMBER	PEDESTAL POLE/IDENTIFYING NUMBER
PEDESTRIAN STUB POLE/IDENTIFYING NUMBER	PEDESTRIAN STUB POLE/IDENTIFYING NUMBER	PEDESTRIAN STUB POLE/IDENTIFYING NUMBER
RECTANGULAR RAPID FLASHING BEACON/IDENTIFYING NUMBER	RECTANGULAR RAPID FLASHING BEACON/IDENTIFYING NUMBER	RECTANGULAR RAPID FLASHING BEACON/IDENTIFYING NUMBER
PEDESTRIAN PUSH BUTTON/IDENTIFYING NUMBER	PEDESTRIAN PUSH BUTTON/IDENTIFYING NUMBER	PEDESTRIAN PUSH BUTTON/IDENTIFYING NUMBER
JUNCTION BOX/IDENTIFYING NUMBER	JUNCTION BOX/IDENTIFYING NUMBER	JUNCTION BOX/IDENTIFYING NUMBER
LUMINAIRE	LUMINAIRE	LUMINAIRE
CONTROLLER CABINET	CONTROLLER CABINET	CONTROLLER CABINET

RECTANGULAR RAPID FLASHING BEACON



NOTE: ALL RRFB UNITS TO BE BLACK HOUSING WITH A BLACK BACKPLATE



PREPARED BY:
KMJ CONSULTING, INC.
120 E LANCASTER AVE, SUITE 105
ARDMORE, PA 19003

DRAFT

9-MAY-2024 17:40 F:\LEWANE\G:\Users\Morlin.Williams\OneDrive - KMJ Consulting\Documents - Projects\021-02-000 E04795-HS-IP-HNTB\021-02-024 E04795 - W/01 RRFB\05 - Lawrence Rd\LawrenceRd_Plan.dgn

9-MAY-2024 17:40 F:\LEWANE\G:\Users\Mor1\OneDrive\Work\Projects\2024-000 E04795-HS-IP-HNTB\021-02-000 E04795-10-024 E04795-W0 24 - W01 RRFB V05 - Lawrence Rd\LawrenceRd_P10n.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	DELAWARE	1016	SIP	OF

HAVERFORD TOWNSHIP

REVISION NUMBER	REVISIONS	DATE	BY

GENERAL NOTES

DO NOT MODIFY INSTALLATION WITHOUT PRIOR WRITTEN APPROVAL BY THE DEPARTMENT.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ARE PART OF THE PERMIT. INSTALL AND MAINTAIN IN ACCORDANCE WITH PUBLICATION 212 AND PUBLICATION 236.

INSTALL POST MOUNTED SIGNALS WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF THE CURB OR EDGE OF THE SHOULDER. PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 2 FEET FOR ALL SUPPORT POLES FOR OVERHEAD SIGNALS.

ERECT THE BOTTOM OF POST MOUNTED SIGNAL HEADS NOT LESS THAN 8 FEET NOR MORE THAN 15 FEET ABOVE THE SIDEWALK OR PAVEMENT GRADE.

DETERMINE THE EXACT LOCATION OF DETECTORS WITH A PENNDOT REPRESENTATIVE PRIOR TO INSTALLATION.

THE CONTRACTOR IS TO COMPLETE THE NECESSARY APPLICATION(S) IN ORDER TO OBTAIN ELECTRICAL SERVICE FROM THE LOCAL POWER COMPANY.

CONSULT WITH LOCAL OFFICIALS AND UTILITIES TO RESOLVE CONFLICTS PRIOR TO CONSTRUCTION.

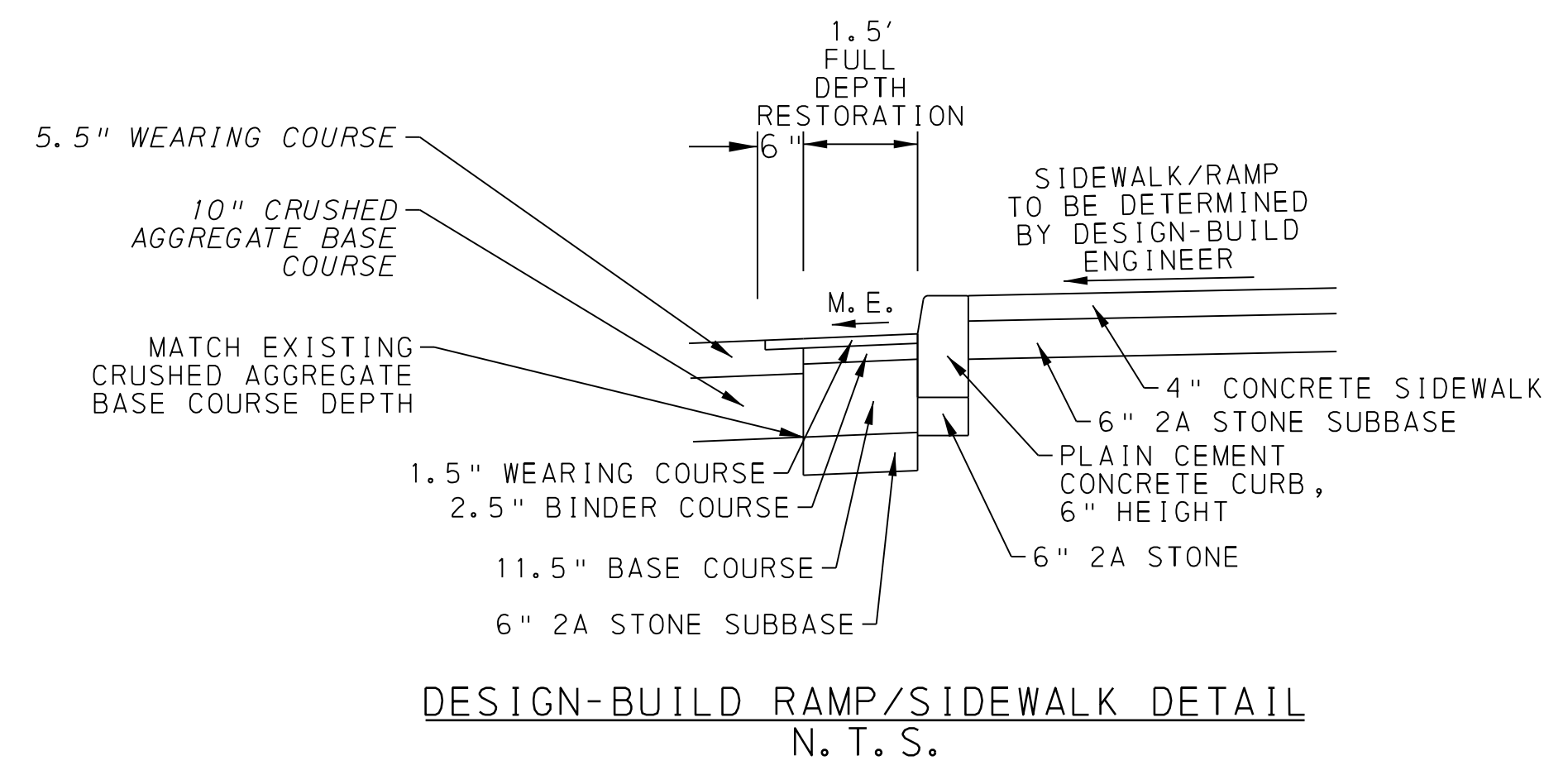
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PRELIMINARY DESIGN SERIAL NUMBER, 20240533018
ISSUED ON 2/22/2024 FOR HAVERFORD TOWNSHIP

FINAL DESIGN SERIAL NUMBER, _____
ISSUED ON _____ FOR _____

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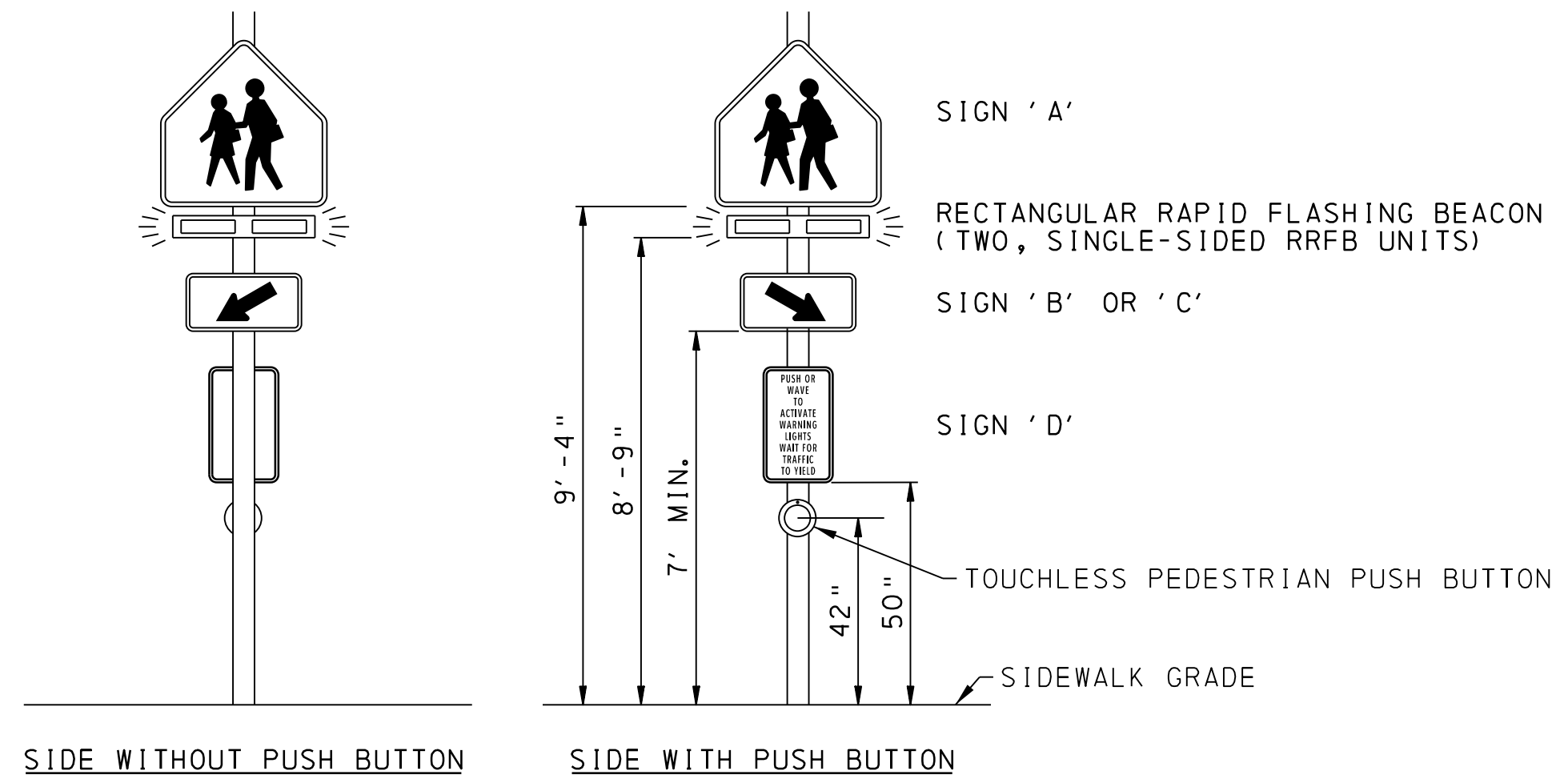


TABULATION OF QUANTITIES

QUANTITY	ITEM NUMBER UNIT	DESCRIPTION
6	0203 0001 CY	CLASS 1 EXCAVATION
55	0203 0006 LF	SAW CUTTING
3	0313 0437 TON	SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX
15	0350 0106 SY	SUBBASE 6" DEPTH (NO.2A)
5	0413 0245 SY	SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H
4	0413 6045 SY	SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH
3	0606 0154 SET	GRADE ADJUSTMENT OF EXISTING WATER VALVES
21	0630 0031 LF	PLAIN CEMENT CONCRETE CURB, 6" HEIGHT
10	0676 0001 SY	CEMENT CONCRETE SIDEWALK
EITHER	0695 0002 SF	DETECTABLE WARNING SURFACE, CAST IRON
8	0695 0003 SF	DETECTABLE WARNING SURFACE, POLYMER CONCRETE
OR	0695 0004 SF	DETECTABLE WARNING SURFACE, POLYMER COMPOSITE
8	0931 0001 SF	POST MOUNTED SIGNS, TYPE B
32	0931 0001 SF	POST MOUNTED SIGNS, TYPE B
4	0936 0001 SF	POST MOUNTED SIGNS, TYPE F

TABULATION OF QUANTITIES

QUANTITY	ITEM NUMBER UNIT	DESCRIPTION
4	4935 0421 EACH	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY WITH ACCESSIBLE PEDESTRIAN SIGNAL (SINGLE SIDED), WAVE ACTUATION
2	0951 4014 EACH	TRAFFIC SIGNAL SUPPORT, 14' PEDESTAL
2	0951 4022 EACH	PEDESTRIAN STUB POLE, TYPE B
169	0954 0012 LF	2 INCH CONDUIT
37	0954 0151 LF	TRENCH AND BACKFILL, TYPE I
40	0954 0152 LF	TRENCH AND BACKFILL, TYPE II
52	0954 0153 LF	TRENCH AND BACKFILL, TYPE III
2	0954 0002 EACH	JUNCTION BOX, JB-27
1	0954 0403 EACH	ELECTRICAL SERVICE, TYPE C
303	0960 0001 LF	4" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS
120	0960 0021 LF	24" WHITE HOT THERMOPLASTIC PAVEMENT MARKINGS
29	0960 0225 LF	WHITE HOT THERMOPLASTIC LEGEND, "YIELD LINE", 12"x18" TRIANGLE, (MIN 6 TRIANGLES PER LINE)
2	0971 0001 EACH	REMOVE POST MOUNTED SIGNS, TYPE B
1	9694 6002 EACH	DESIGN OF CONCRETE CURB RAMPS, DISTRICT 6



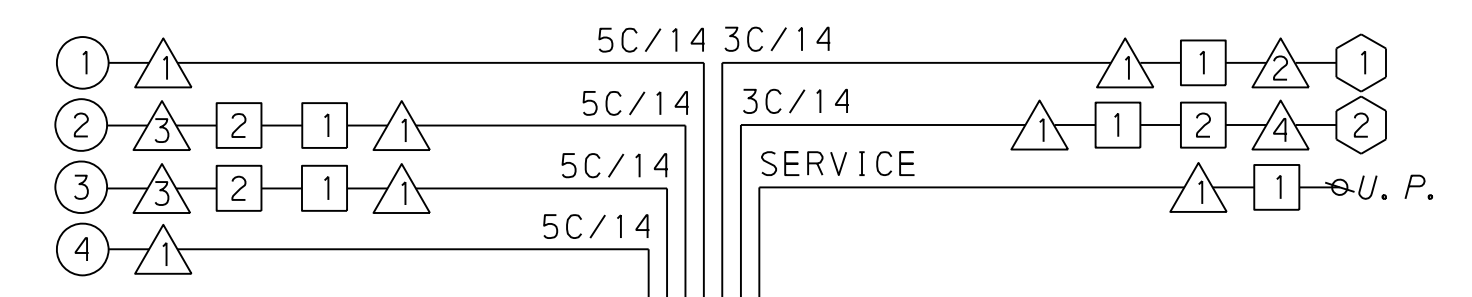
STRUCTURE MOUNTED FLASHING WARNING DEVICE SUPPORT DETAIL N. T. S.

RECTANGULAR RAPID FLASHING BEACON (RRFB) OPERATION NOTES:

- RRFB SHALL CONFORM TO THE FEDERAL HIGHWAY ADMINISTRATION'S (FHWA) INTERIM APPROVAL OF RRFBs AT CROSSWALKS (IA-21).
- RRFB SHALL DISPLAY TWO RAPIDLY FLASHED YELLOW INDICATIONS UPON ACTUATION.
- EACH OF THE YELLOW INDICATIONS SHALL PROVIDE 75 FLASHING SEQUENCES PER MINUTE. THE RRFB SHALL OPERATE IN ACCORDANCE TO THE FLASHING SEQUENCE DETAILED IN FHWA INTERIM APPROVAL (IA-21) CONDITION 5B. THE FLASH RATE OF EACH INDIVIDUAL RRFB INDICATION, AS APPLIED OVER THE FULL FLASHING SEQUENCE, SHALL NOT BE BETWEEN 5 AND 30 FLASHES PER SECOND TO AVOID FREQUENCIES THAT MAY CAUSE SEIZURES.
- TO MINIMIZE EXCESSIVE GLARE DURING NIGHTTIME CONDITIONS, AN AUTOMATIC SIGNAL DIMMING DEVICE SHOULD BE USED TO REDUCE THE BRILLIANCE OF THE RRFB INDICATIONS.
- LIGHT INTENSITY OF THE YELLOW LED INDICATIONS DURING DAYTIME CONDITIONS SHALL MEET THE SPECIFICATIONS OF THE SOCIETY OF AUTOMOTIVE ENGINEERS STANDARD J595 DATED JANUARY 2005 FOR PEAK LUMINOUS INTENSITY (CANDELAS) FOR CLASS 1.
- RRFB SIGNALS TO BE DARK UNLESS ACTIVATED BY PUSH BUTTON OR VIDEO DETECTION.
- UPON PUSH BUTTON ACTIVATION OR VIDEO DETECTION, THE RRFB SHALL FLASH FOR A PERIOD OF 18 SECONDS. THE TIMER SHALL RESET UPON EACH NEW PUSH BUTTON ACTIVATION OR VIDEO DETECTION.
- EACH RRFB SIGNAL SHALL BE EQUIPPED WITH PILOT LIGHT ON THE SIDE OF THE DEVICE THAT SHALL BE ILLUMINATED DURING THE FLASH PERIOD. THE PILOT LIGHTS SHALL BE ADJUSTED SO THEY ARE VISIBLE TO CROSSING PEDESTRIANS. COMPLY WITH MUTCD INTERIM APPROVAL IA-21 REGARDING PILOT LIGHT INTEGRATION.

FLASHER SHALL BE EQUIPPED WITH ACCESSIBLE PEDESTRIAN SIGNALS (APS) WITH THE FOLLOWING FEATURES:

- ADA COMPLIANT PUSHBUTTON WITH CONFIRMATION LED INDICATOR AND TONE.
- A TACTILE DIRECTIONAL ARROW ALIGNED PARALLEL TO THE CROSSING.
- A PUSHBUTTON LOCATOR TONE. THE LOCATOR TONE SHALL HAVE A DURATION OF 0.15 SECONDS AND REPEAT AT 1 SECOND INTERVALS, SHALL BE INTENSITY RESPONSIVE TO AMBIENT SOUND, AND AUDIBLE 6 TO 12 FEET FROM THE PUSHBUTTON.
- WHEN THE FLASH PERIOD STARTS THE PEDESTRIAN PUSHBUTTON UNIT SHALL BEGIN THE SPEECH MESSAGE "YELLOW LIGHTS ARE FLASHING, WAIT FOR VEHICLES TO YIELD. YELLOW LIGHTS ARE FLASHING, WAIT FOR VEHICLES TO YIELD."



SCHEMATIC WIRING DIAGRAM

LEGEND

○ PUSH BUTTON ○ RECTANGULAR RAPID FLASHING BEACON

△ SIGNAL SUPPORT □ JUNCTION BOX

NOTE: WIRING IS INDICENTAL TO ITEM 4935-0421

CALL BEFORE YOU DIG !

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BEFORE YOU DIG, CALL THE PA ONE CALL SYSTEM TELEPHONE NUMBER.



1-800-242-1776

PERMIT NO: XX-XXXX FILE: XXXX

FLASHING WARNING DEVICE

COUNTY: DELAWARE

MUNICIPALITY: HAVERFORD TOWNSHIP

LOCATION: LAWRENCE ROAD (S.R. 1016) AND MIDBLOCK CROSSING

PREPARED BY:
KMJ CONSULTING, INC.
120 E LANCASTER AVE, SUITE 105
ARDMORE, PA 19003

DRAFT

REVIEWED:	DATE
MUNICIPAL OFFICIAL	DATE
RECOMMENDED:	DATE
ADE - TRANSPORTATION OPERATIONS	DATE

Resolution No. 2395-2024

Preliminary / Final Land Development

HAVERFORD TOWNSHIP
DELAWARE COUNTY, PENNSYLVANIA

Resolution for approval for revisions to recorded plans for Llandillo Road Development Partners, llc for the minor subdivision and development of 5 Llandillo Road into 13 apartments, Havertown

Whereas, the Board of Commissioners approved the Preliminary/Final Minor Subdivision and Land Development Plans for Llandillo Road Development Partners, LLC (the “Developer”) on September 10, 2015 via Resolution 1992-2015; and,

Whereas, the Developer has submitted “Preliminary/Final Land Development Plans for Llandillo Road Development Partners (nine sheets) dated January 4, 2019, last revised June 14, 2023 (sheets 2 of 9 and 3 of 9 were missing), supplemented with the Cover Sheet and Existing Condition/Demolition and Erosion and Sedimentation Plan provided electronically (the “Amended Plan”); and,

Whereas, alterations of modifications of a final plan may be approved only after written acceptance by the Township Engineer and written approval of the Board of Commissioners, per §160-11 of the Township’s Subdivision & Land Development Ordinance; and,

Whereas, the Township Engineer has issued a review letter dated July 10, 2024, accepting the Amended Plan.

Now, therefore be it resolved by the Board of Commissioners of the Township of Haverford that the Amended Plan is Approved; subject to the following conditions:

A. Conditions of Plan Approval.

1. The Developer shall ensure that the Amended Plan addresses any outstanding comments in the July 10, 2024 review letter prepared by Pennoni Associates.
2. Prior to the recording the Amended Plan, the Developer shall complete all required improvements as indicated on the Amended Plan, to include any outstanding items remaining from the Township Engineer’s letter dated July 15, 2022.
3. The conditions of this Resolution shall be satisfied, and all remaining Township fees, including review and recording costs and fees, Township Engineering fees, and Township legal fees, and any other professional fees associated with the review and approval of the

Resolution No. 2395-2024

Preliminary / Final Land Development

application, Record Plan and Amended Plan shall be paid in full before the Amended Plan is recorded, and before any rental licenses may be issued by the Township for this Property.

Resolution No. 2395-2024

Preliminary / Final Land Development

This Resolution shall bind the Applicant, and the Applicant's successors and assigns. This Resolution does not and shall not authorize the construction of improvements or buildings exceeding those shown on the Plan. Furthermore, this Resolution, and the approvals/waiver and conditions contained herein, shall be rescinded automatically and deemed denied upon Applicant's failure to accept, in writing, all conditions herein imposed within ten (10) days of receipt of this Resolution, such acceptance to be evidenced by the Applicant's signature below.

Resolved and Approved this 12th day of August, 2024.

Township of Haverford

By: C. Lawrence Holmes
President

Attest: David R. Burman
Township Manager

Resolution No. 2395-2024
Preliminary / Final Land Development

ACCEPTANCE OF CONDITIONS:

APPLICANT and LANDOWNER

I, _____, being the authorized representative for the Applicant and Landowner, Llandillo Road Development Partners, LLC do hereby acknowledge and accept the approval for the Plan issued by the Haverford Township Board of Commissioners and accept the conditions of approval contained therein, including the conditions impacting the Property. By signing this Resolution, the Applicant/Landowner is signifying acceptance of the conditions of approval contained herein and the conditions established for the Property.

APPLICANT and LANDOWNER: Llandillo Road Development Partners, LLC

By: _____

Print: _____

Date: _____

WITNESS:

Name: _____

Date: _____

Resolution No. 2396-2024

Preliminary / Final Land Development

HAVERFORD TOWNSHIP
DELAWARE COUNTY, PENNSYLVANIA

RESOLUTION FOR PRELIMINARY/FINAL LAND DEVELOPMENT PLAN APPROVAL FOR THE HAVERFORD SCHOOL DISTRICT FOR A BUILDING ADDITION AT THE HAVERFORD MIDDLE SCHOOL AT 1701 DARBY ROAD, HAVERTOWN

WHEREAS, Act 247 of 1968, the Pennsylvania Municipalities Planning Code, empowers the Haverford Township Board of Commissioners to regulate subdivisions and land developments within the Township; and

WHEREAS, Haverford Township desires orderly and appropriate land use and development to protect the health, safety, and welfare of residents; and

WHEREAS, Haverford Township School District (“Applicant”) desires to develop the Haverford Middle School located at 1701 Darby Road, Havertown, PA, Delaware County, known as D.C. Folio No. 22-07-00337-00 (“Property”) to add 2,500 square feet of building addition, and related stormwater management infrastructure (“Project”). The Property is zoned INS Institutional District and is located in the 7th Ward.

WHEREAS, the Preliminary / Final Land Development plan submitted for the Project was prepared by K&W Engineers, Harrisburg, PA, latest plan revision dated August 1, 2024 (“Plan”); and

WHEREAS, the Planning Commission of Haverford Township, at the public meeting of Thursday, August 8, 2024, voted to recommend approval of the Plan subject to the comments contained within the July 25, 2024 review letter prepared by Pennoni Associates; and

WHEREAS, said Plan has been submitted to the Board of Commissioners of the Township of Haverford for consideration in accordance with the Pennsylvania Municipalities Planning Code and pursuant to the Haverford Township Subdivision and Land Development Regulations, Ordinance 1960, Chapter 160, Sections 4. A and B.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Township of Haverford that the Plan is APPROVED subject to the following conditions:

A. Conditions of Plan Approval.

Resolution No. 2396-2024

Preliminary / Final Land Development

1. The Applicant must ensure that the Plan address any outstanding comments in the July 25, 2024 civil engineer review letter prepared by Pennoni Associates. Further, the Applicant shall comply with future review letters related to future Plan revisions made in response to prior comments to the reasonable satisfaction of the Township Engineer.
2. A subsequent recordable final plan shall be submitted for internal Township review that addresses all Township review letter requests, further Plan details and clarifications, or revisions based upon the terms of this Resolution.
3. Applicant must comply with any applicable requirements of the Delaware County Conservation District, Pennsylvania Department of Environmental Protection, Pennsylvania Department of Transportation (including, but not limited to, obtaining any necessary Highway Occupancy Permits and Signal Permits required by PennDot), United States Environmental Protection Agency, or any other necessary outside agency, and obtain any necessary planning modules, approvals, or permits from such agencies, or enter into any required agreements such agencies require, before the Plan is recorded.
4. Pursuant to Section 78-51 of the Township Code, Applicant shall pay the required contribution to the Township Stormwater BMP Operation and Maintenance Fund in the amount calculated by the Township Engineer.
5. The conditions of this Resolution must be satisfied, and all fees and costs set forth in this Resolution shall be paid, before the issuance of a building permit for the Project.
6. Applicant must complete and record all required easements and/or maintenance agreements or declarations, including, but not limited to, a stormwater management facilities operation and maintenance agreement (requiring, in part, perpetual maintenance of all stormwater management facilities installed according to the Plan by the landowner of the Property) in forms reasonably satisfactory to the Township Engineer and Township Solicitor prior to recording the Plan. Applicant will provide all necessary legal descriptions for any necessary easements.
7. Prior to recording the Plan, the Applicant shall execute a Land Development and Financial Security Agreement to guarantee the installation of all public improvements associated with the Project ("Improvements") on a form drafted by the Township Solicitor. Financial Security shall take the form of a cash escrow held by the Township, an irrevocable standby letter of credit in a form acceptable to the Township Solicitor, or a tri-party agreement in a form acceptable to the Township Solicitor. If Applicant were to post financial security in the form of a bond, the Township Solicitor shall have the unconditional right to review the

Resolution No. 2396-2024

Preliminary / Final Land Development

bond and must approve the conditions and language of the bond. Further, the bond shall be issued by a “AAA” rate surety, or its equivalent, qualified to do business in Pennsylvania, and shall contain language stating that the bond is to be payable upon demand, absolutely, and unconditionally, and if payment is not made, that the bonding company shall be responsible for reasonable attorneys’ fees and costs that are incurred to collect on the bond, plus interest at the annual rate of twelve (12%) percent, for so long as the bond remains unpaid. A bond or letter of credit is required to automatically renew annually until the Improvements detailed on the Plans are completed, any maintenance periods have passed, and the final release is issued by the Township, subject to partial releases being permitted in accordance with Pennsylvania Municipalities Planning Code. To ensure automatic renewal, a bond or letter of credit shall include a 90-day Evergreen Clause in a form acceptable to the Township Solicitor.

8. Financial security shall be posted in the amount of 110% of the total cost of the Improvements. The Applicant agrees that the Improvements shall include, but shall not be limited to, streets, parking areas, striping, drive aisles, curbs, water mains, sanitary sewer pipes, manholes and appurtenances thereto, stormwater facilities, rain gardens and appurtenances, grading, erosion and sediment controls, public lighting, required trees, shrubs, plantings and landscape buffering, monuments, pins, sidewalks, or other public improvements designated by the Township Engineer. For a period not less than 18 months after Township Engineer approval of the Improvements, financial security shall remain posted in the amount of 15% of the total cost of the Improvements that are to be dedicated to the Township, if any.
9. All outstanding Township fees, including review and recording costs and fees, Township Engineering fees, and Township legal fees, and any other professional fees associated with the review and approval of the application and Plan shall be paid in full before the Plan is recorded, in accordance with the Pennsylvania Municipalities Planning Code.
10. Prior to recording the Plan, and in addition to the financial security posted for the Project, Applicant shall deposit with the Township or otherwise establish a reasonable sum of monies with the Township, in an amount to be reasonably determined by the Township Engineer, as to be further described in the Land Development and Financial Security Agreement, for the reimbursement of the Township’s reasonable engineering, inspection, legal, and related administrative costs and expenses related to the further reviews, inspections, and development of the Project, in accordance with the Pennsylvania Municipalities Planning Code.

Resolution No. 2396-2024

Preliminary / Final Land Development

11. A note shall be included on the Plan listing any waivers granted by the Board of Commissioners.

12. A note shall be included on the Plan listing the zoning relief granted by the Zoning Hearing Board at their meeting on July 18, 2024.

13. The terms and conditions of this Resolution shall run with the land and shall apply to any assignee, transferee, or other successor in interest in the Property or the development of the Project. This Resolution or a memorandum of this Resolution may be recorded against the Property by the Township, or a subdivided portion of the Property, at the Township's sole discretion, to which the then-current landowner of the Property shall be deemed to have consented to such recording. Regardless of whether this Resolution is recorded, the Township shall have the right to enforce any violations of the conditions of this Resolution as a violation of the Township's Subdivision of Land Chapter and/or pursuant to Section 616.1 of the Pennsylvania Municipalities Planning Code.

B. Waivers. The Applicant has requested the following waivers from the Township's Subdivision of Land Chapter pursuant to a written waiver request. An indication that a waiver was granted reflects that the Township has determined that the Applicant has sufficiently established that the literal enforcement of the provision waived will exact undue hardship because of peculiar conditions pertaining to the land in question, and that the waiver is not contrary to the public interest or otherwise contrary to the purpose and intent of the Township Code, as demonstrated and explained by appearances of the Applicant before the Board at public meetings and through the waiver request letter(s) submitted. A lack of indication of the decision on the waiver after the Township has executed this Resolution shall be interpreted to mean that the waiver was granted, unless the minutes of the associated Township meeting reflect otherwise:

1. From Section 160-3.B to request a waiver to submit a final plan simultaneously with a final plan. The waiver is hereby:

Granted _____ Denied _____

2. From Section 160-4.E(5)[b] to not provided the required plan details within 2,000 feet of the site. The waiver is hereby:

Granted _____ Denied _____

3. From Section 160-4.E(5)[e](3) to not provide the required plan details within 200 feet of the site. The waiver is hereby:

Resolution No. 2396-2024

Preliminary / Final Land Development

Granted _____ Denied _____

4. From Section 160-4.E(5)[e](4) to not provide the required plan details within 400 feet of the site. The waiver is hereby:

Granted _____ Denied _____

5. From §160-4.E(5)[e](4) regarding the requirement to indicate all storm drainage, sanitary sewer and public water supply lines of facilities within 400 feet of the site.

Granted _____ Denied _____

6. From §160-4.E(5)[e](1) regarding the requirement for a physical survey of the parcel to be developed showing all courses in minutes, seconds and degrees, distances to the nearest hundredth of a foot, physical area, monuments, existing easements, and rights-of-way.

Granted _____ Denied _____

This Resolution shall bind the Applicant, and the Applicant's successors and assigns. This Resolution does not and shall not authorize the construction of improvements or buildings exceeding those shown on the Plan. Furthermore, this Resolution, and the approvals/waiver and conditions contained herein, shall be rescinded automatically and deemed denied upon Applicant's failure to accept, in writing, all conditions herein imposed within ten (10) days of receipt of this Resolution, such acceptance to be evidenced by the Applicant's signature below.

Resolved and Approved this 12th day of August, 2024.

Resolution No. 2396-2024
Preliminary / Final Land Development

Township of Haverford

By: C. Lawrence Holmes
President

Attest: David R. Burman
Township Manager

Resolution No. 2396-2024
Preliminary / Final Land Development

ACCEPTANCE OF CONDITIONS:

APPLICANT and LANDOWNER

I, _____, being the authorized representative for the Applicant and Landowner, Haverford Township School District, do hereby acknowledge and accept the approval for the Plan issued by the Haverford Township Board of Commissioners and accept the conditions of approval contained therein, including the conditions impacting the Property. By signing this Resolution, the Applicant/Landowner is signifying acceptance of the conditions of approval contained herein and the conditions established for the Property.

APPLICANT and LANDOWNER: Haverford Township School District

By: _____

Print: _____

Date: _____

WITNESS:

Name: _____

Date: _____



TOWNSHIP OF
HAVERFORD

DELAWARE COUNTY
1014 DARBY ROAD
HAVERTOWN, PA 19083-2551
(610) 446-1000

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JUDY TROMBETTA, VICE PRESIDENT
DAVID R. BURMAN, TWP MANAGER/SECRETARY
AIMEE CUTHBERTSON, ASS'T TWP. MANAGER
JOHN F. WALKO, ESQ., SOLICITOR
PENNONI ASSOCIATES INC., ENGINEER

WARD COMMISSIONERS
1ST WARD BRIAN D. GONDEK, ESQ
2ND WARD SHERYL FORSTE-GRUPP, PH.D
3RD WARD KEVIN MCCLOSKEY, ESQ
4TH WARD JUDY TROMBETTA
5TH WARD LAURA CAVENDER
6TH WARD LARRY HOLMES, ESQ
7TH WARD CONOR QUINN
8TH WARD GERARD T. HART, MD
9TH WARD MICHAEL MCCOLLUM

Manager 610-446-1000 ext. 2208
Human Resources 610-446-1000 ext. 2233

HAVTT 30255

July 25, 2024

Jaime Jilozian, Director of Community Development
Haverford Township
1014 Darby Road
Havertown, PA 19083-2251

**RE: Preliminary/Final Land Development Plan
Haverford Middle School- 1701 Darby Road- 2nd Review**

Dear Ms. Jilozian:

As requested, we have reviewed the following information prepared by K&W Engineers submitted for the referenced project:

- *"Preliminary/Final Land Development Plan"* (eight sheets) dated May 9, 2024, last revised July 15, 2024.
- *"Post-Construction Stormwater Management Narrative and Calculations"* dated May 9, 2024, last revised July 16, 2024.
- Supporting documentation

The applicant, the School District of Haverford Township, proposes to construct a building addition at the referenced property. One (1) subsurface stormwater management system is proposed for stormwater management. The property is located within the INS-Institutional Zoning District and is serviced by public water and sanitary sewer. It is our understanding that no increase in the number of students or staff is associated with this application.

The applicant is requesting the following waivers:

- From §160-3.B regarding the requirement for preliminary plan submission.
- From §160-4.E(5)[b] regarding the requirements to indicate property lines, other subdivisions or land developments, and zoning boundaries within 2,000 feet of the site.
- From §160-4.E(5)[e](3) regarding the requirement to show the location, names and widths of streets, curbs and pavement, all property lines and names of owners of tracts or parcels located within 200 feet of the site.
- From §160-4.E(5)[e](4) regarding the requirement to indicate all storm drainage, sanitary sewer and public water supply lines of facilities within 400 feet of the site.
- From §§160-4.E(5)[e](1) regarding the requirement for a physical survey of the parcel to be developed showing all courses in minutes, seconds and degrees, distances to the nearest hundredth of a foot, physical area, monuments, existing easements, and rights-of-way.

A HOME RULE MUNICIPALITY

The applicant is requesting the following zoning relief:

- From §182-602.C(3) regarding the requirement of maximum building coverage in the institutional zoning district.
- From §182-602.C(8) regarding the requirement of maximum impervious coverage ratio in the institutional zoning district.
- From §108-707.B regarding the requirement of minimum parking as 1 space for each 1,000 sf of gross floor area.

We offer the following comments:

ZONING

1. The zoning data table indicates a decrease in impervious coverage. Impervious areas proposed to be removed should be identified on the plan. **Addressed.**

SUBDIVISION AND LAND DEVELOPMENT

2. A physical survey of the parcel to be developed showing all courses in minutes, seconds and degrees, distances to the nearest hundredth of a foot, physical area, monuments, existing easements, and rights-of-way are to be provided on the plan, or a waiver requested. (§160-4.E(5)[e](1)) **The applicant has requested a waiver from this requirement.**
3. Contours of the entire tract area to be provided, or a waiver requested. (§160-4.E(5)[e](2)) **Addressed.**
4. A site plan indicating required setbacks should be provided, or a waiver requested. (§160-4.E(5)[g](9)) **Addressed.**

STORMWATER MANAGEMENT

5. The Infiltration Testing Analysis section (Appendix F) of the Soil report does not recommend stormwater be infiltrated in the area of the proposed Subsurface MRC facility. Please clarify what measures have been taken to address the issues indicated in the report. **Addressed. The proposed MRC facility has been removed from the stormwater management design.**
6. The outlet for the proposed stormwater facility is indicated as connecting to an existing 6-inch roof drain pipe. Additional information should be provided regarding the pipe, including the integrity, capacity, and the ultimate discharge location, and any other areas that contribute flow to this pipe. Also, please clarify whether this pipe is being replaced under the proposed building addition. Lastly, there appears to be no elevation or depths of the existing roof drain pipe. It is unclear if this facility can be installed at the proposed elevations. **The applicant has indicated this information will be provided once a field examination is completed.**
7. The water quality calculation in accordance with §78-35 is required. **The water quality calculation should be calculated to consider the percentage of impervious within the entire limit of disturbance.**
8. The extent of post-development drainage area 1B should be clearly delineated on the drainage area map. (§78-25.D(3)) **Addressed.**
9. A detail for the outlet structure for the proposed MRC facility should be provided. (§78-25.D(3)) **Addressed.**
10. The invert elevation indicated in the stormwater report for the primary outlet device for the proposed infiltration facility outlet structure is inconsistent with the detail provided on the plan. (§78-25.D(3)) **Addressed.**

11. It is unclear which infiltration tests are associated with "TP-2". Please clarify. (§78-25.D(3))
12. Areas proposed for infiltration are to be protected from compaction during construction. It is unclear how this will be accomplished given the given the basin is under the only access route to/from the proposed building. (§78-32.E(1))
Addressed.
13. Pre-treatment is required prior to discharge to the proposed stormwater management facilities. (§78-30.K)
14. Verify no new utilities services will be required for the addition. ((§78-25.B(50)) **Addressed**
15. Compost filter sock should be provided to minimize sediment leaving the site. (§78-25.B(20)) **Partially addressed. It appears some level of controls will be need for access to/from the proposed addition area.**

GENERAL

16. The sequence of construction should clearly indicate when the stormwater management facility is to be installed.
Addressed.
17. Please indicate on the plans anticipated staging/access areas to be utilized for this construction and the associated limit of disturbance. **Addressed.**
18. Additional detail should be provided regarding restoration of disturbed areas. It is unclear if the disturbed area outside of the proposed building addition is intended to be paved or grass area. **Addressed.**
19. The height of the proposed building addition should be indicated on the plan. **Addressed.**
20. If approved, a Grading, Drainage, Soil Erosion and Sedimentation Control Permit will be required.
21. A BMP Maintenance Agreement shall be executed and a contribution to the Township Stormwater Control and BMP Operation and Maintenance Fund shall be made (§78-49; §78-51).

The following comments are based on the most recent submission:

22. **Calculations should be provided to confirm that the required infiltration volume is accommodated below the lowest outlet orifice.**
23. **The 5' x 4' catch basin is proposed as a rate control structure. The applicant should confirm that adequate capacity is available to accommodate all existing/proposed flows without surcharging existing/proposed conveyance systems.**

Should you have any questions or comments, please feel free to contact the undersigned.

Sincerely,

PENNONI



Charles Faulkner, PE
Senior Engineer

CF/brg

cc: Carolyn DuBois, RLA, K&W Engineers (via email)
Maureen Reusche, Haverford Township School District (via email)
Ken Matthews, C.B. Development Services (via email)

U:\Accounts\HAVTT\HAVTT30255 - Haverford Middle School\DOCUMENTS\HAVTT 30255- Haverford Middle School 2nd Review LTR 2024-07-25.docx

SURVEY NOTES

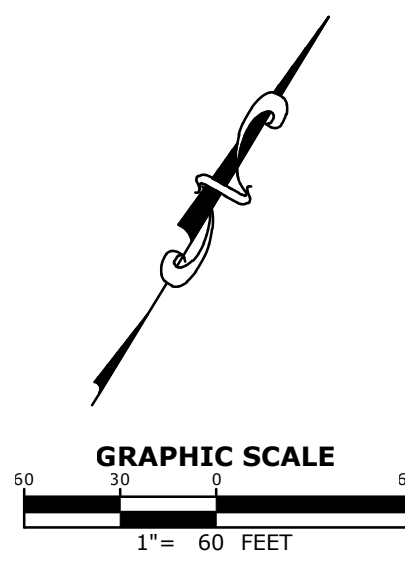
- THIS SURVEY WAS PERFORMED AND MAPPING PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH.
- TOPOGRAPHIC INFORMATION SHOWN IS BASED ON A LIMITED FIELD SURVEY PERFORMED BY K&W ENGINEERS AND CONSULTANTS, COMPLETED IN MAY, 2024. CONTOURS BEYOND THE SURVEY LIMITS OBTAINED FROM PASCA.
- PARCEL LINES SHOWN ARE BASED ON DELAWARE COUNTY GIS DATA, OBTAINED IN APRIL, 2024. NO BOUNDARY SURVEY WAS PERFORMED, AND PROPERTY LINES SHOWN DO NOT CONSTITUTE A BOUNDARY SURVEY.
- CONTOURS AND ELEVATIONS ARE BASED ON NATIONAL AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- BEARINGS ARE BASED ON PENNSYLVANIA STATE PLANE COORDINATES, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
- UTILITY LOCATIONS ARE BASED ON SURFACE EVIDENCE AND LIMITED PA ONE-CALL MARKINGS EVIDENT AT THE TIME OF THE FIELD SURVEY. PA ONE-CALL SERIAL NO. 2023392262 WAS ASSIGNED FOR INNER COURTYARD AREA ON DECEMBER 9, 2023. AN UPDATED PA ONE-CALL SERIAL NO. 20241313097 WAS ASSIGNED ON MAY 10, 2024 FOR THE ENTIRE AREA SURVEYED.
- SOME UTILITIES AND UNDERGROUND PIPE LOCATIONS COULD NOT BE VERIFIED AND FURTHER INVESTIGATION IS REQUIRED. APPROXIMATE UTILITY AND PIPE LOCATIONS SHOWN ARE BASED ON SURFACE EVIDENCE AT THE TIME OF SURVEY. ITEMS WITH AN ASTERISK (*) DENOTE INFORMATION DERIVED FROM PLANS TITLED "HAVERFORD MIDDLE SCHOOL, ADDITIONS & RENOVATIONS", PREPARED BY AGOSILOVERA ARCHITECTS, DATED JULY 7, 2008, JOB NUMBER 0709.
- THE SUBJECT PROPERTY DESCRIBED ON THIS SURVEY DOES NOT LIE WITHIN THE 100-YEAR FLOODPLAIN AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND SHOWN ON THE FLOOD INSURANCE RATE MAP (FIRM) FOR HAVERFORD TOWNSHIP, COMMUNITY PANEL NO. 420417, FIRM MAP NUMBER 42045C0106F, EFFECTIVE DATE NOVEMBER 18, 2009.



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REVISIONS

NO.	DATE	BY	DESCRIPTION OF CHANGES
01	07/25/2024	RES	REVISED PER COMMENT LETTER
02	08/05/2024	RES	REVISED PER COMMENT LETTER

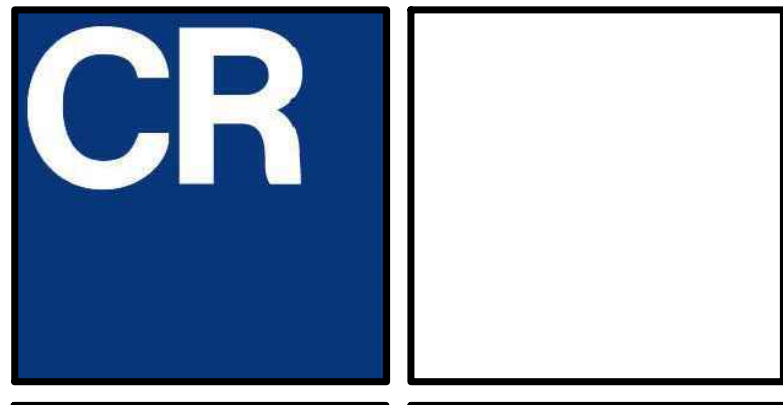


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ADDITION & RENOVATION TO
HAVERFORD MIDDLE SCHOOL
 SCHOOL DISTRICT OF HAVERFORD TOWNSHIP
 400 ALLSTON RD, HAVERFORD, PA 19083



OVERALL EXISTING FEATURES PLAN	PROJECT 3691
PROTSCALE: AS SHOWN	C-101
FILENAME:	
DATE: MAY 9, 2024	



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LEGEND

---	EXISTING FEATURES
---	EDGE OF PAVED BITUMINOUS SURFACE
---	EDGE OF GRAVEL OR CRUSHED STONE SURFACE
- - - -	INDEX CONTOUR LINE
- - - -	INTERMEDIATE CONTOUR LINE
+	SPOT ELEVATION
+	BENCHMARK LABEL
[]	BUILDING
[]	CONCRETE SURFACE
---	CURB
---	UNDERGROUND ELECTRIC LINES
---	UNDERGROUND TELECOM LINES
---	UNDERGROUND CATV LINES
---	UNDERGROUND ELECTRIC & TELECOM LINES
---	UNDERGROUND FIBER OPTIC LINES
○	MANHOLE
○	LIGHT STANDARD OR LAMPOST
○	BOLLARD
Em	ELECTRIC METER
EB	ELECTRIC BOX
TE	TELEPHONE BOX
○	DOWNSPOUT
---	DRAINAGE PIPE
---	DRAINAGE INLET
---	UNDERGROUND NATURAL GAS LINE
G	GAS VALVE
Gm	GAS METER
---	WALL
---	FENCE

REVISIONS

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 SCHOOL DISTRICT OF HAVERFORD TOWNSHIP
 400 ALLSTON RD, HAVERFORD, PA 19083



EXISTING FEATURES PLAN

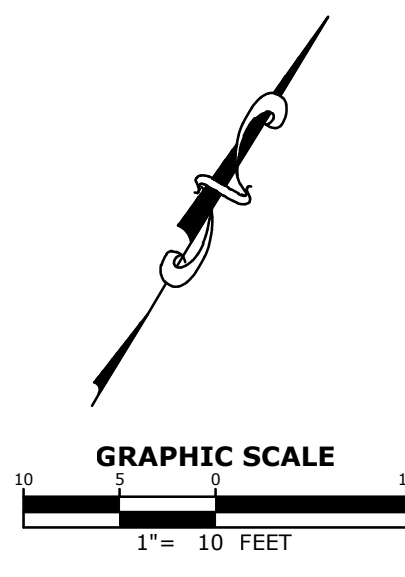
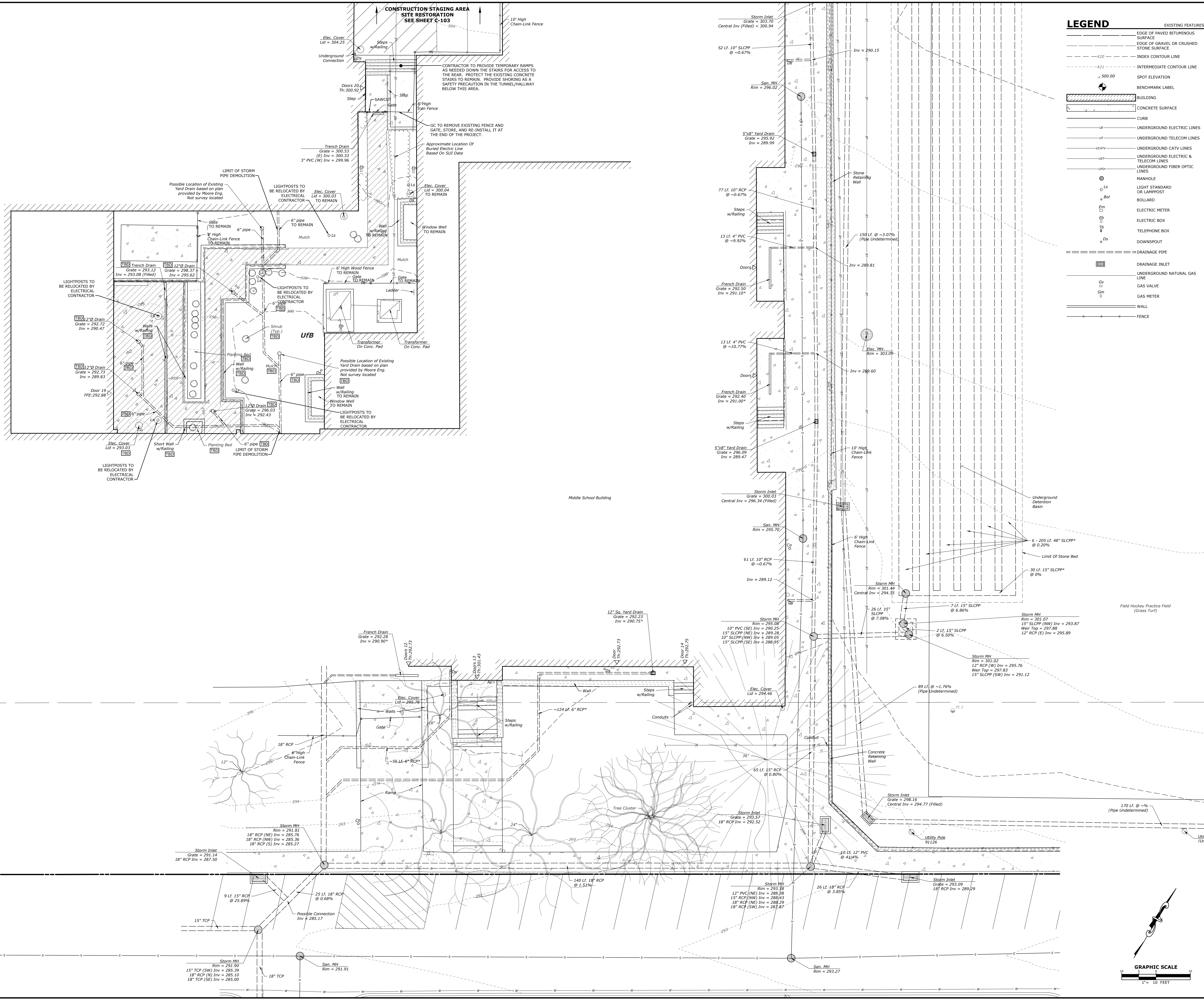
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FILENAME:

DATE: MAY 9, 2024

PROJECT 3691

C-101.1

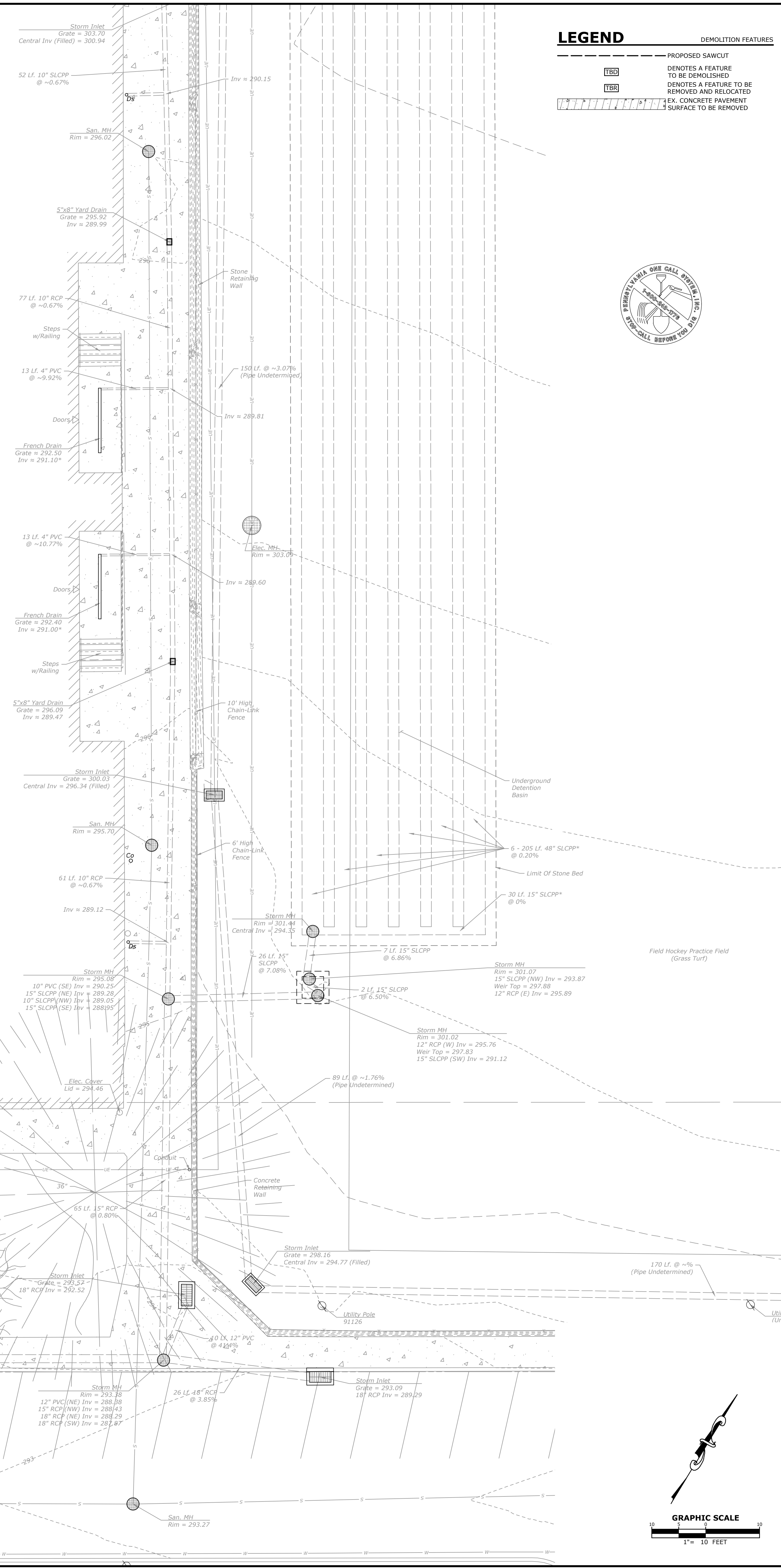
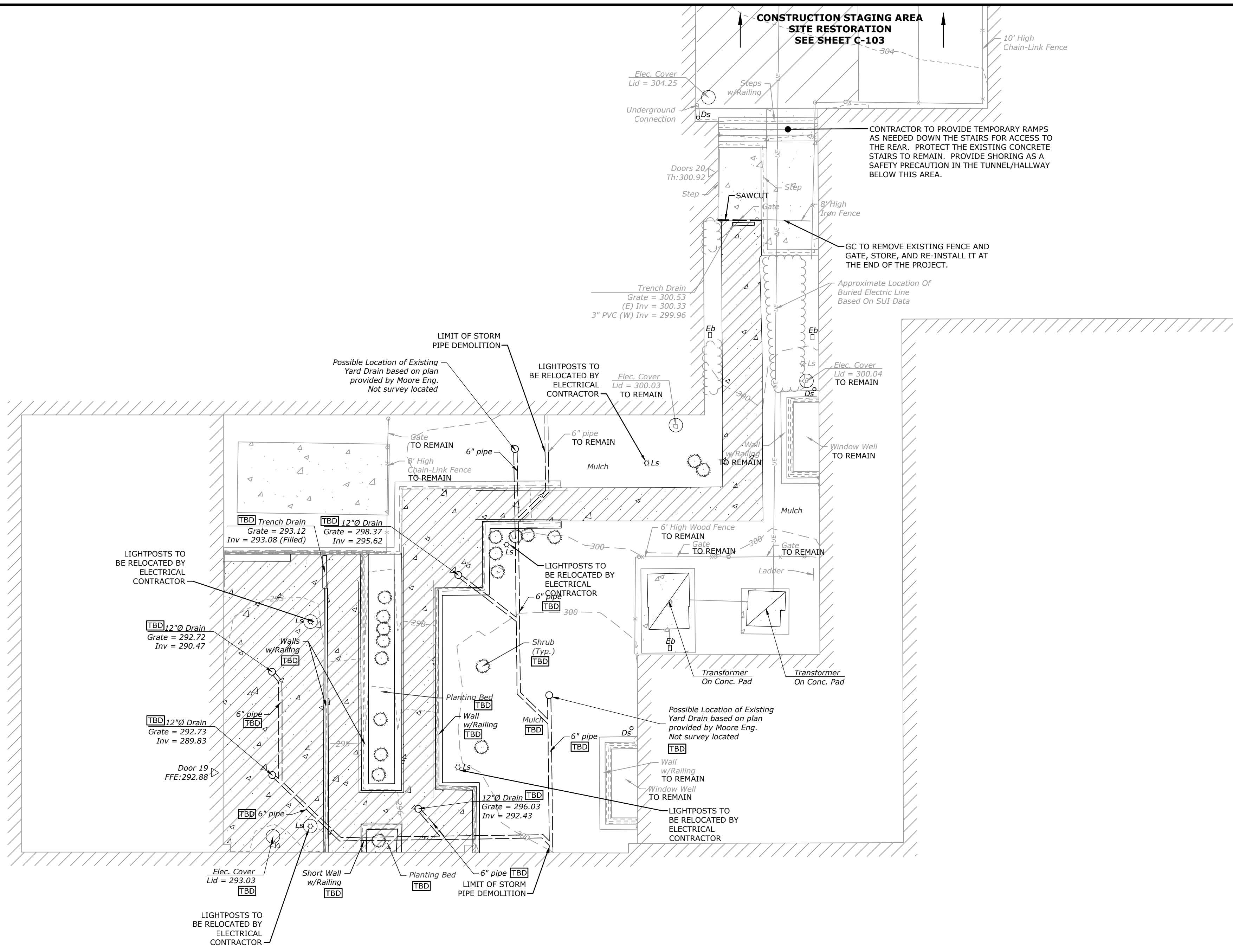


**CONSTRUCTION STAGING AREA
SITE RESTORATION
SEE SHEET C-103**

CONTRACTOR TO PROVIDE TEMPORARY RAMPS AS NEEDED DOWN THE STAIRS FOR ACCESS TO THE REAR. PROTECT THE EXISTING CONCRETE STAIRS TO REMAIN. PROVIDE SHORING AS A SAFETY PRECAUTION IN THE TUNNEL/HALLWAY BELOW THIS AREA.

GC TO REMOVE EXISTING FENCE AND GATE, STORE, AND RE-INSTALL IT AT THE END OF THE PROJECT.

Approximate Location of Buried Electric Line Based On SUI Data



LEGEND

	PROPOSED SAWCUT
	DENOTES A FEATURE TO BE DEMOLISHED
	DENOTES A FEATURE TO BE REMOVED AND RELOCATED
	EX. CONCRETE PAVEMENT AS SURFACE TO BE REMOVED



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DEMOLITION PLAN

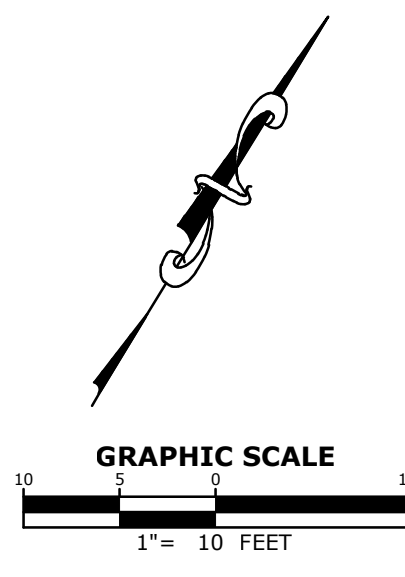
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FILENAME:

DATE: MAY 9, 2024

PROJECT 3691

C-102



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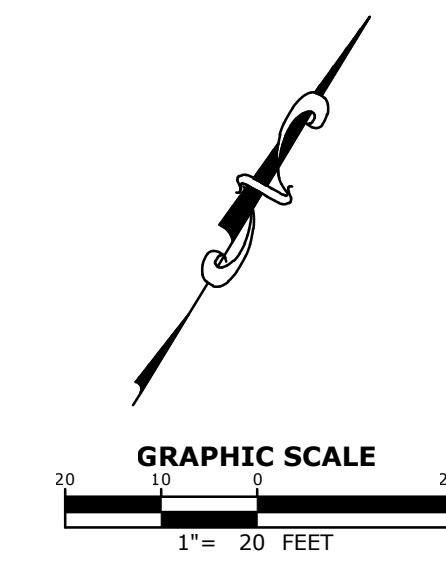
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ADDITION & RENOVATION TO
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 SCHOOL DISTRICT OF HAVERFORD TOWNSHIP
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OVERALL IMPROVEMENTS PLAN
 PLOT SCALE: AS SHOWN
 FILENAME:
 DATE: MAY 9, 2024

PROJECT 3691
C-103



REVISIONS

NO.	DATE	BY	DESCRIPTION OF CHANGE
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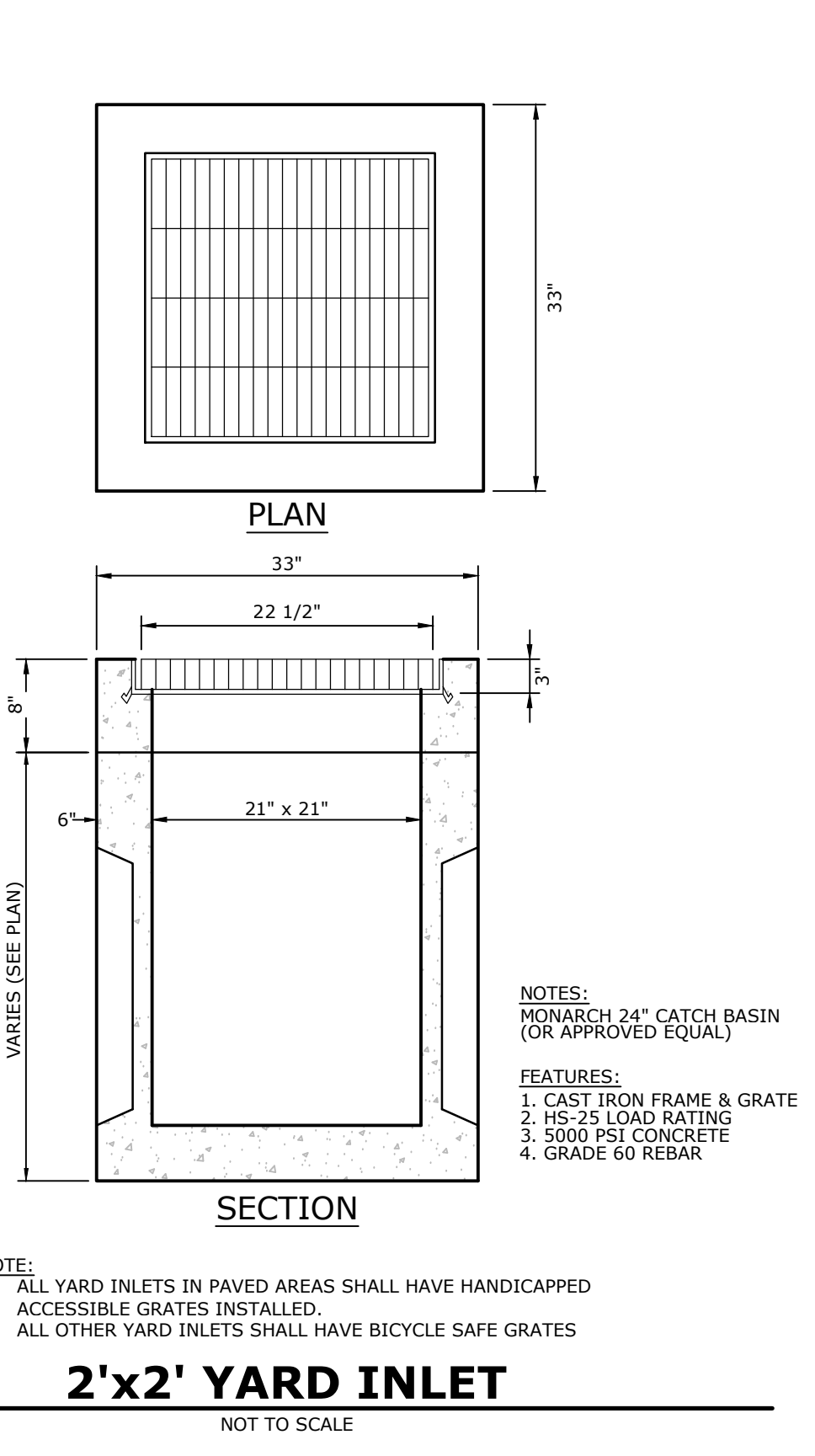
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HAVERFORD MIDDLE SCHOOL
SCHOOL DISTRICT OF HAVERFORD TOWNSHIP**
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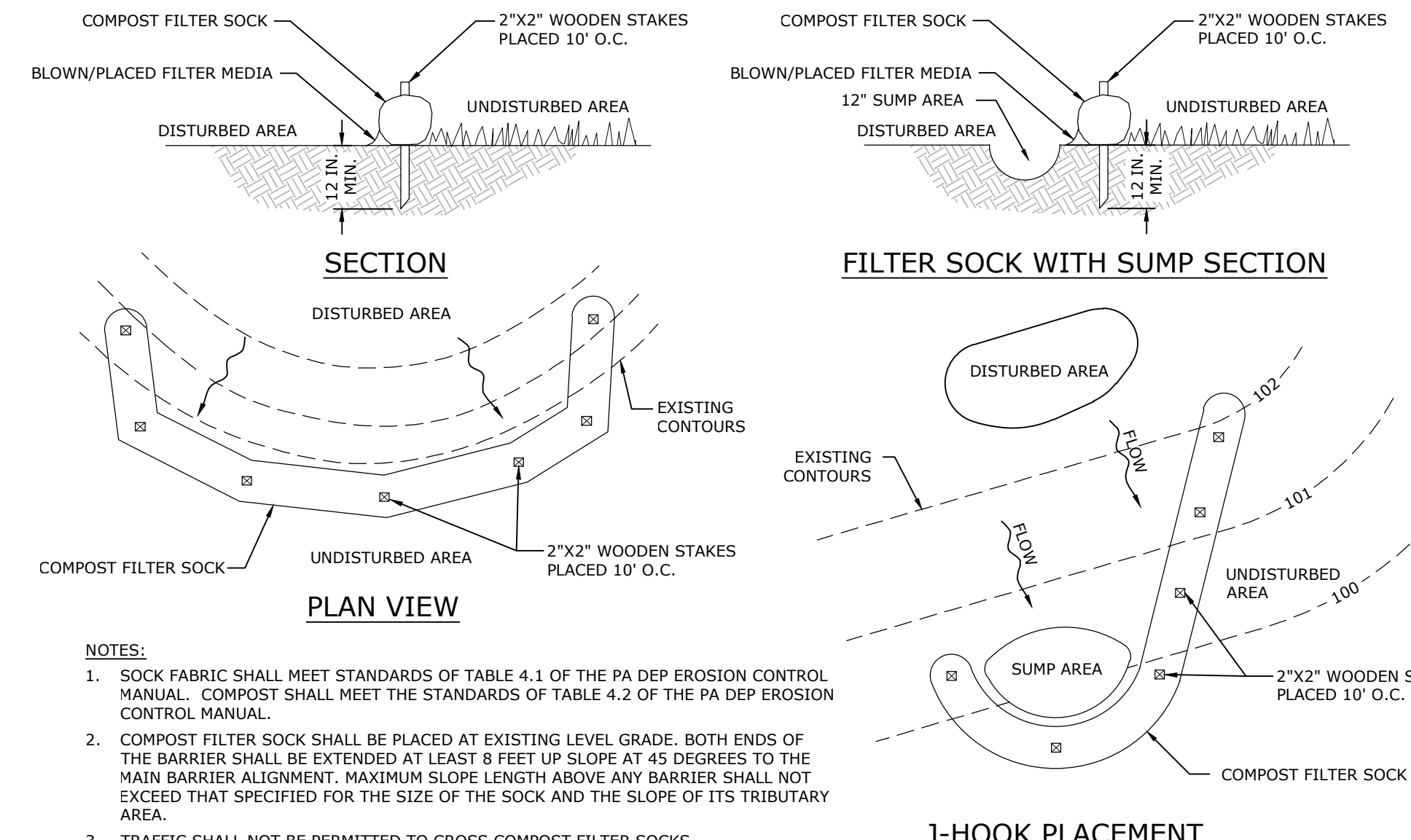


PROJECT
3691
DETAILS
C-501

DATE: MAY 9, 2024



2'x2' YARD INLET
NOT TO SCALE



COMPOST FILTER SOCK WITH SUMP SECTION

J-HOOK PLACEMENT

TABLE 4.1 COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS

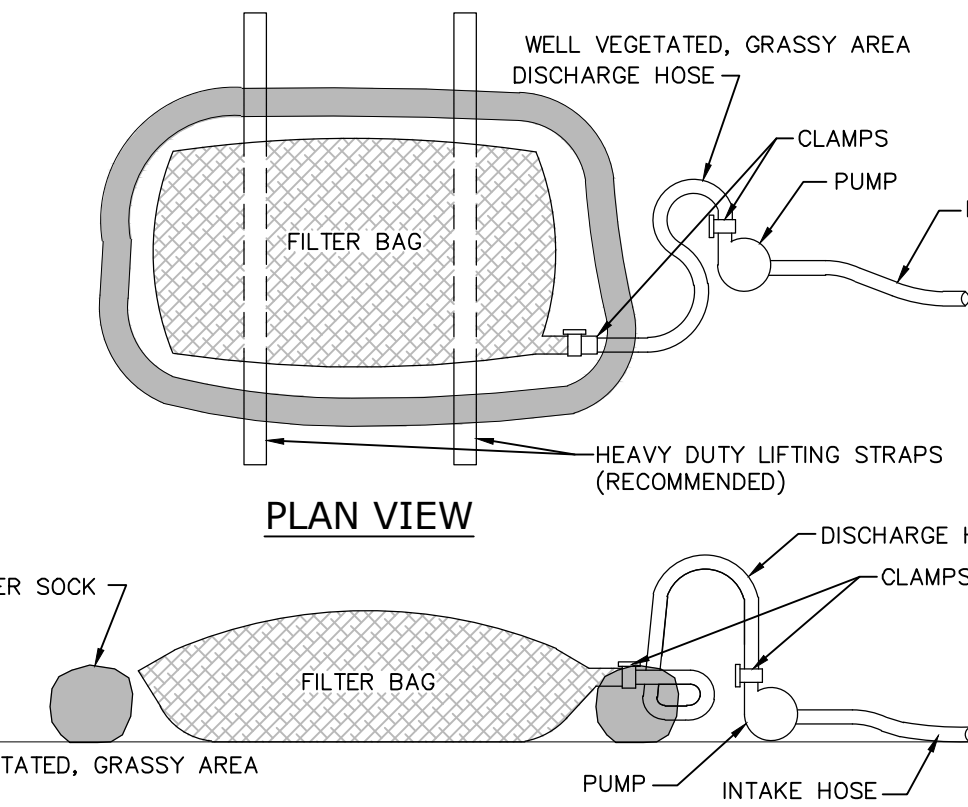
MATERIAL TYPE	3 MIL HDPE	5 MIL HDPE	5 MIL HDPE	MULTI-FILAMENT POLYPROPYLENE (MPP)	HEAVY DUTY MULTI-FILAMENT POLYPROPYLENE (HDMPP)
MATERIAL CHARACTERISTICS	PHOTO-DEGRADABLE	PHOTO-DEGRADABLE	BIO-DEGRADABLE	PHOTO-DEGRADABLE	PHOTO-DEGRADABLE
SOCK DIAMETERS	12"	18"	24"	12"	18"
MESH OPENING	3/8"	3/8"	3/8"	3/8"	3/8"
TENSILE STRENGTH	26 PSI	26 PSI	44 PSI	26 PSI	26 PSI
ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155)	23% AT 1000 HR.	23% AT 1000 HR.	100% AT 1000 HR.	100% AT 1000 HR.	100% AT 1000 HR.
MINIMUM FUNCTIONAL LONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR	2 YEARS

TABLE 4.2 COMPOST STANDARDS

PROPERTY	TEST METHOD	MINIMUM STANDARD
ORGANIC MATTER CONTENT	ASTM D-4884	25% - 100% (DRY WEIGHT BASIS)
ORGANIC PORTION	ASTM D-4832	FIBROUS AND ELONGATED
pH	ASTM D-4833	5.5 - 8.5
MOISTURE CONTENT	ASTM D-3786	30% - 60%
PARTICLE SIZE	ASTM D-4355	30% - 50% PASS THROUGH 3/8" SIEVE
SOLUBLE SALT CONCENTRATION	ASTM D-4751	5.0 DS/M (MMHOS/CM) MAXIMUM

NOTES:

- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 6 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTO-DEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.
- TO BE CONSTRUCTED WITH MATERIALS AND TECHNIQUES IN ACCORDANCE WITH THE EROSION AND SEDIMENT POLLUTION CONTROL MANUAL EFFECTIVE DATE MARCH 31, 2012 AS AMENDED. REFER TO TABLE 4.1 & 4.2 FOR FABRIC SPECIFICATIONS AND COMPOST STANDARDS.
- A SUMP AREA MAY BE ADDED TO THE STANDARD COMPOST FILTER SOCK PLACEMENT AT THE DISCRETION OF THE CONTRACTOR.
- A J-HOOK WITH SUMPED AREA MUST BE INSTALLED WHERE SPACE LIMITATIONS PREVENT THE PLACEMENT OF COMPOST FILTER SOCK AT LEVEL GRADE.



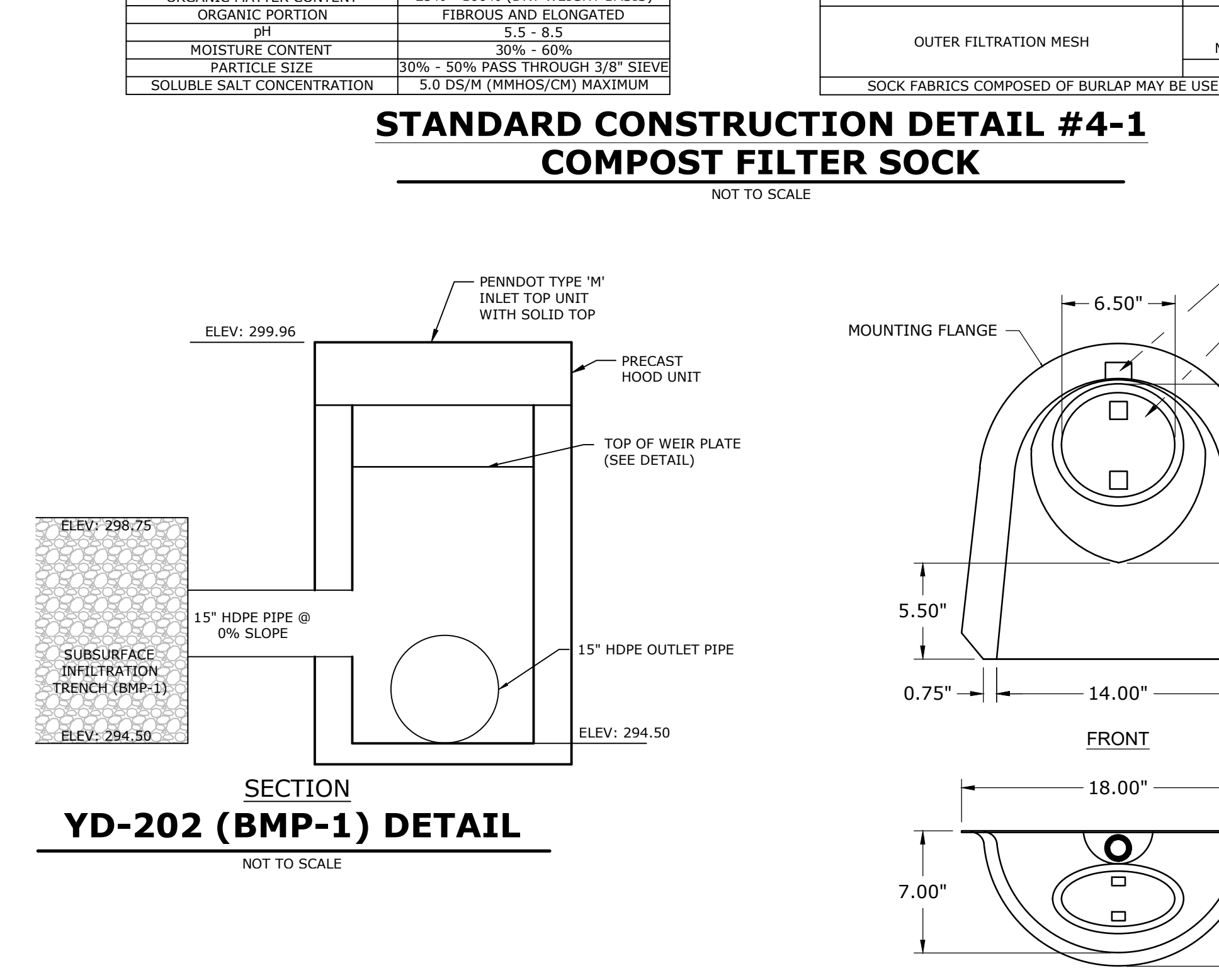
**STANDARD CONSTRUCTION DETAIL #4-1
COMPOST FILTER SOCK**
NOT TO SCALE

TABLE 4.2 COMPOST STANDARDS

PROPERTY	TEST METHOD	MINIMUM STANDARD
ORGANIC MATTER CONTENT	ASTM D-4884	25% - 100% (DRY WEIGHT BASIS)
ORGANIC PORTION	ASTM D-4832	FIBROUS AND ELONGATED
pH	ASTM D-4833	5.5 - 8.5
MOISTURE CONTENT	ASTM D-3786	30% - 60%
PARTICLE SIZE	ASTM D-4355	30% - 50% PASS THROUGH 3/8" SIEVE
SOLUBLE SALT CONCENTRATION	ASTM D-4751	5.0 DS/M (MMHOS/CM) MAXIMUM

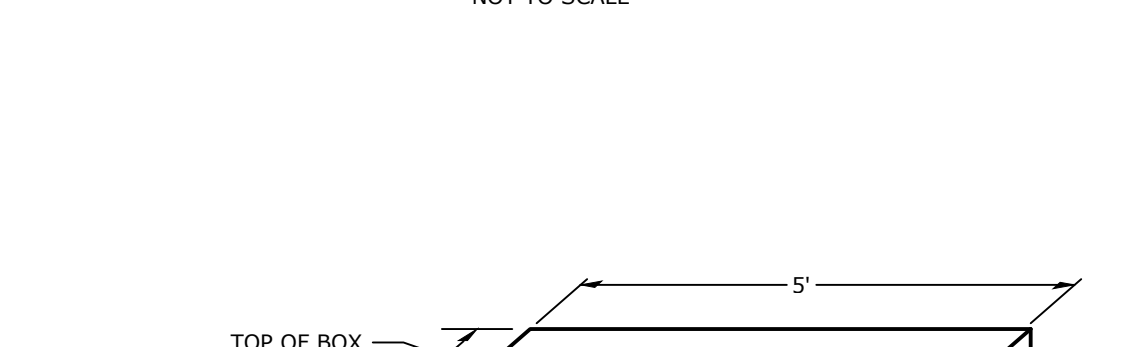
NOTES:

- ALL YARD INLETS IN PAVED AREAS SHALL HAVE HANDICAPPED ACCESSIBLE GRATES INSTALLED.
- ALL OTHER YARD INLETS SHALL HAVE BICYCLE SAFE GRATES.



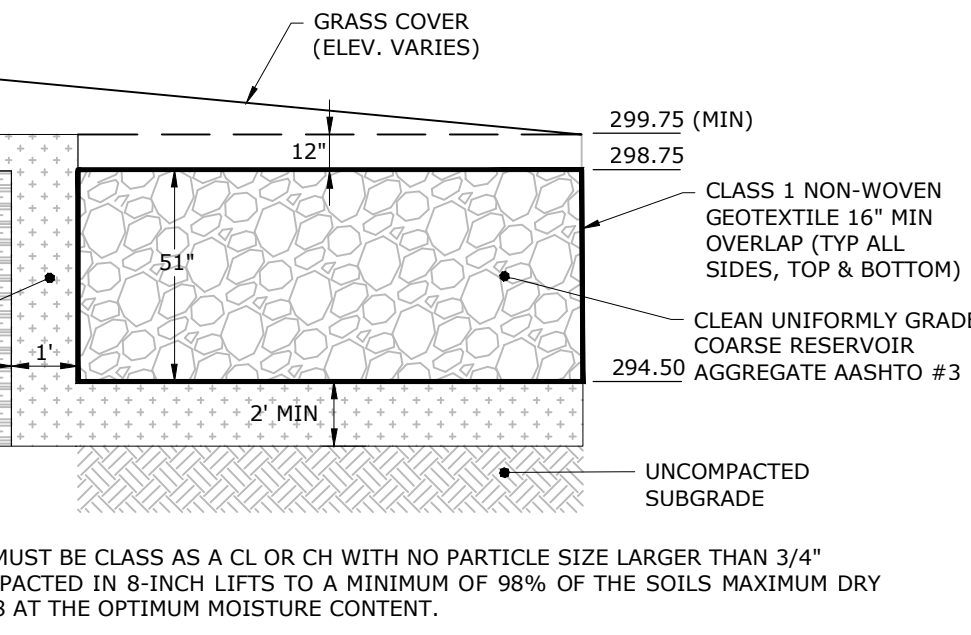
YD-202 (BMP-1) DETAIL
NOT TO SCALE

12F SNOT WATER QUALITY INSERT (CATCH BASIN)
NOT TO SCALE

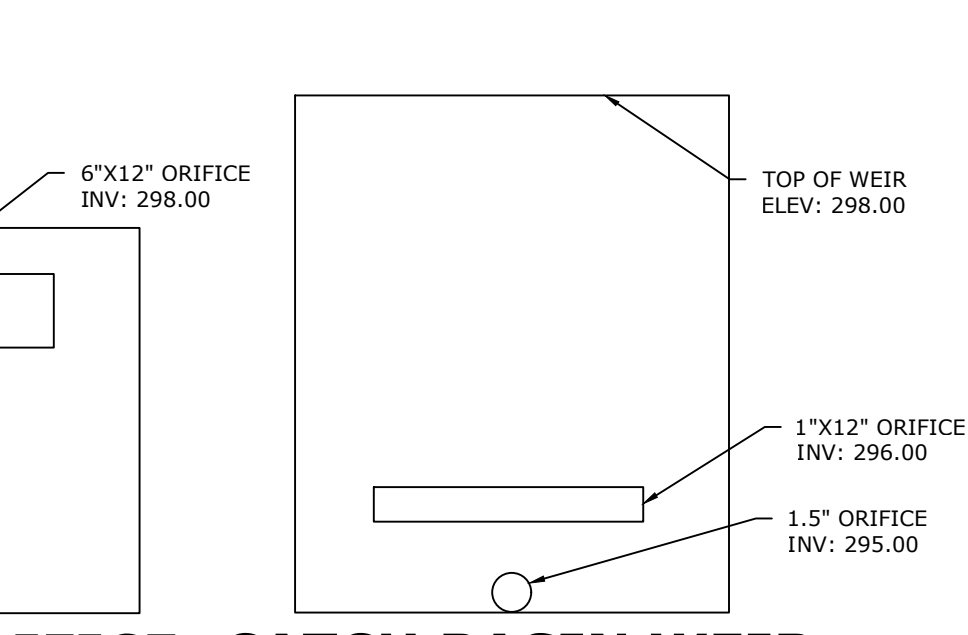


12F SNOT WATER QUALITY INSERT (CATCH BASIN)
NOT TO SCALE

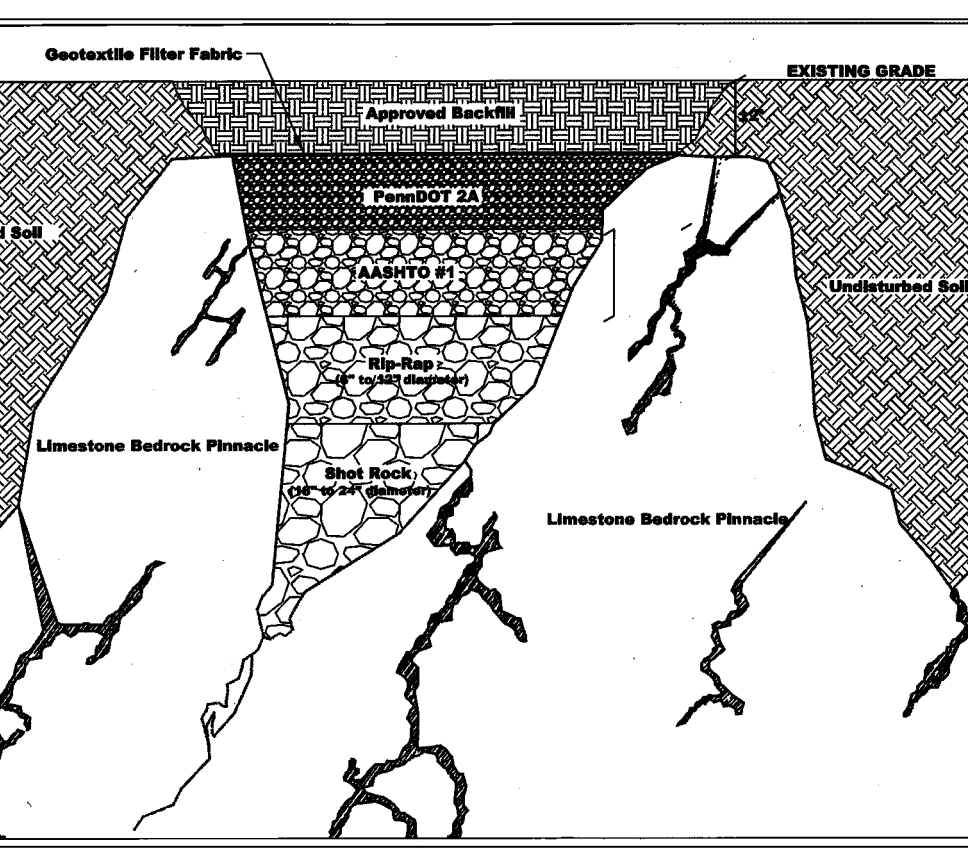
BMP-1 TO MH-201
HORZ. SCALE: 1"=10'



YD-102 TO CATCH BASIN
HORZ. SCALE: 1"=10'



ALTERNATIVE CONSTRUCTION DETAIL PUMPED WATER FILTER BAG
NOT TO SCALE



SINKHOLE REPAIR DETAIL
NOT TO SCALE

NOTES:

- THE REPAIRS OUTLINED BELOW ARE GENERAL GUIDELINES AND EACH SINKHOLE OCCURRENCE SHOULD BE THOROUGHLY REVIEWED BY THE GEOTECHNICAL ENGINEER OF RECORD FOR AN APPROPRIATE REMEDIATION PLAN.

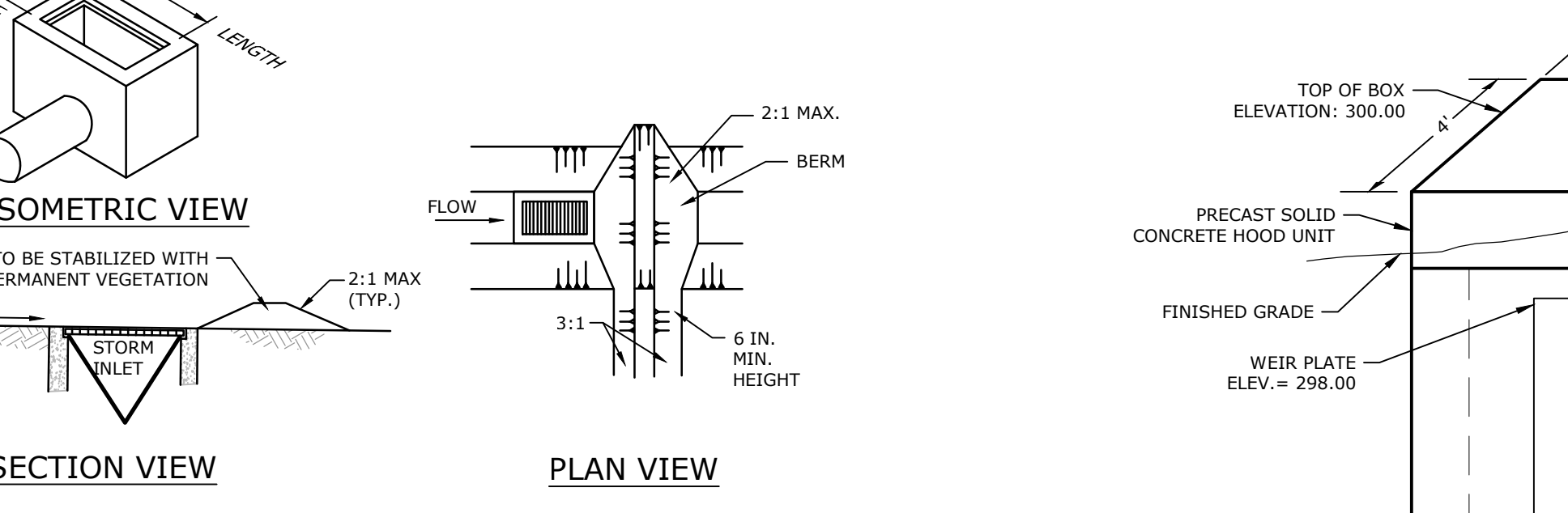
STRUCTURAL AREAS (AREAS WITHIN THE BUILDING FOOTPRINT OR BENEATH PAVEMENT)

- ANY AND ALL LOOSE AND/OR SATURATED SOILS WITHIN THE SINKHOLE SHOULD BE EXCAVATED AND CONTINUED UNTIL STABLE SOILS, A "THROAT" IS IDENTIFIED, OR UNTIL THE EXTENT OF THE EXCAVATION EQUIPMENT IS REACHED.
- UPON REMOVAL OF THE UNSTABLE SOILS, THE EXCAVATION SHOULD BE BACKFILLED USING HIGH MOBILITY, LOW STRENGTH FLOWABLE FILL (500 PSI) TO FINAL SUBGRADE ELEVATION.

NON-STRUCTURAL AREAS (NON-BUILDING/LANDSCAPED AREAS)

- ANY AND ALL LOOSE AND/OR SATURATED SOILS SHOULD BE EXCAVATED FROM THE SINKHOLE. EXCAVATION SHOULD CONTINUE UNTIL STABLE SOILS, A "THROAT" IS IDENTIFIED, OR UNTIL THE EXTENT OF THE EXCAVATION EQUIPMENT IS REACHED.
- THE EXCAVATION SHOULD BE BACKFILLED WITH AGGREGATE OF DECREASING SIZE AS DEFINED ON THE (INVERTED) FILTER DETAIL.

INSTALLATION DETAIL



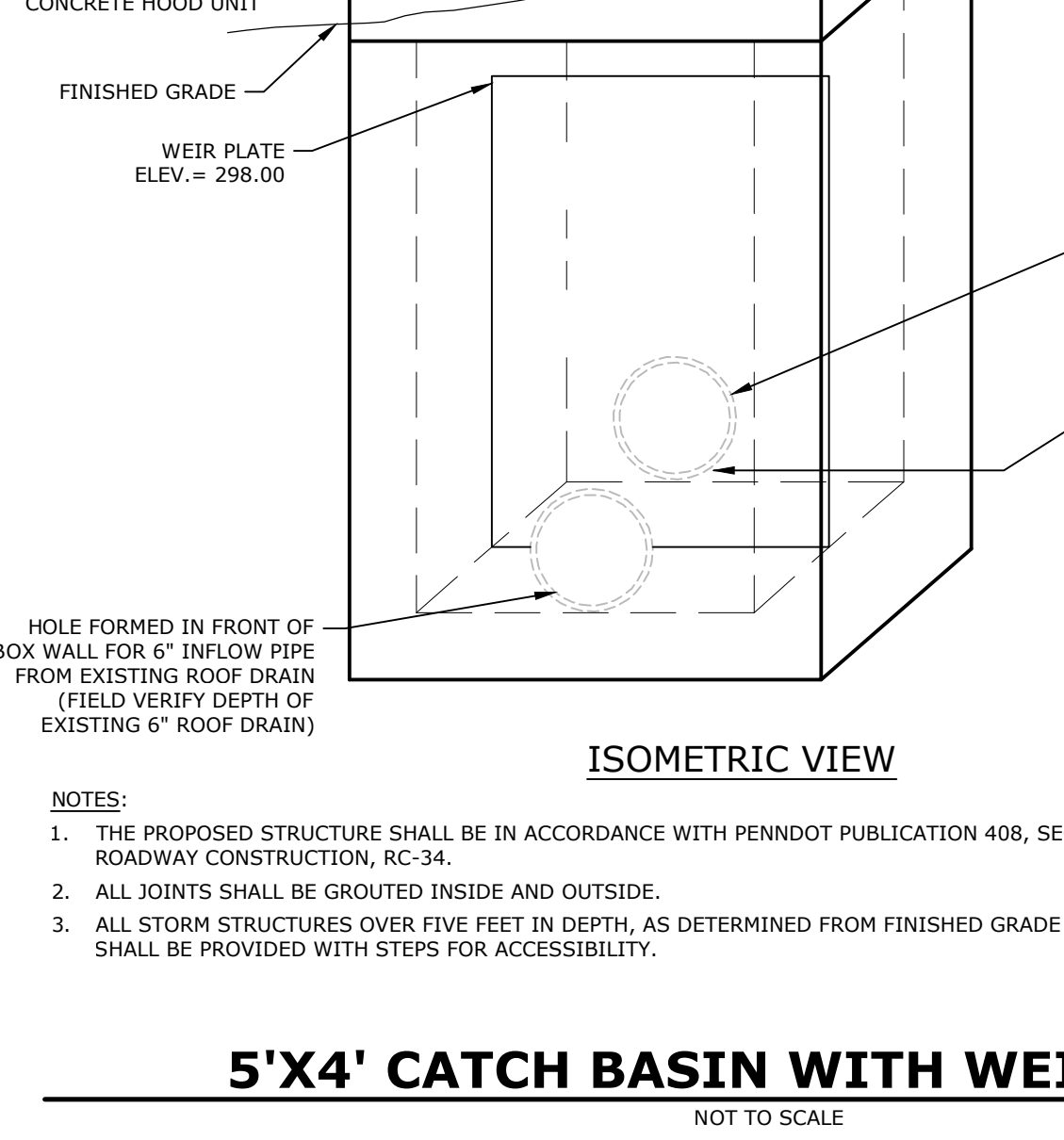
ISOMETRIC VIEW

SECTION VIEW

PLAN VIEW

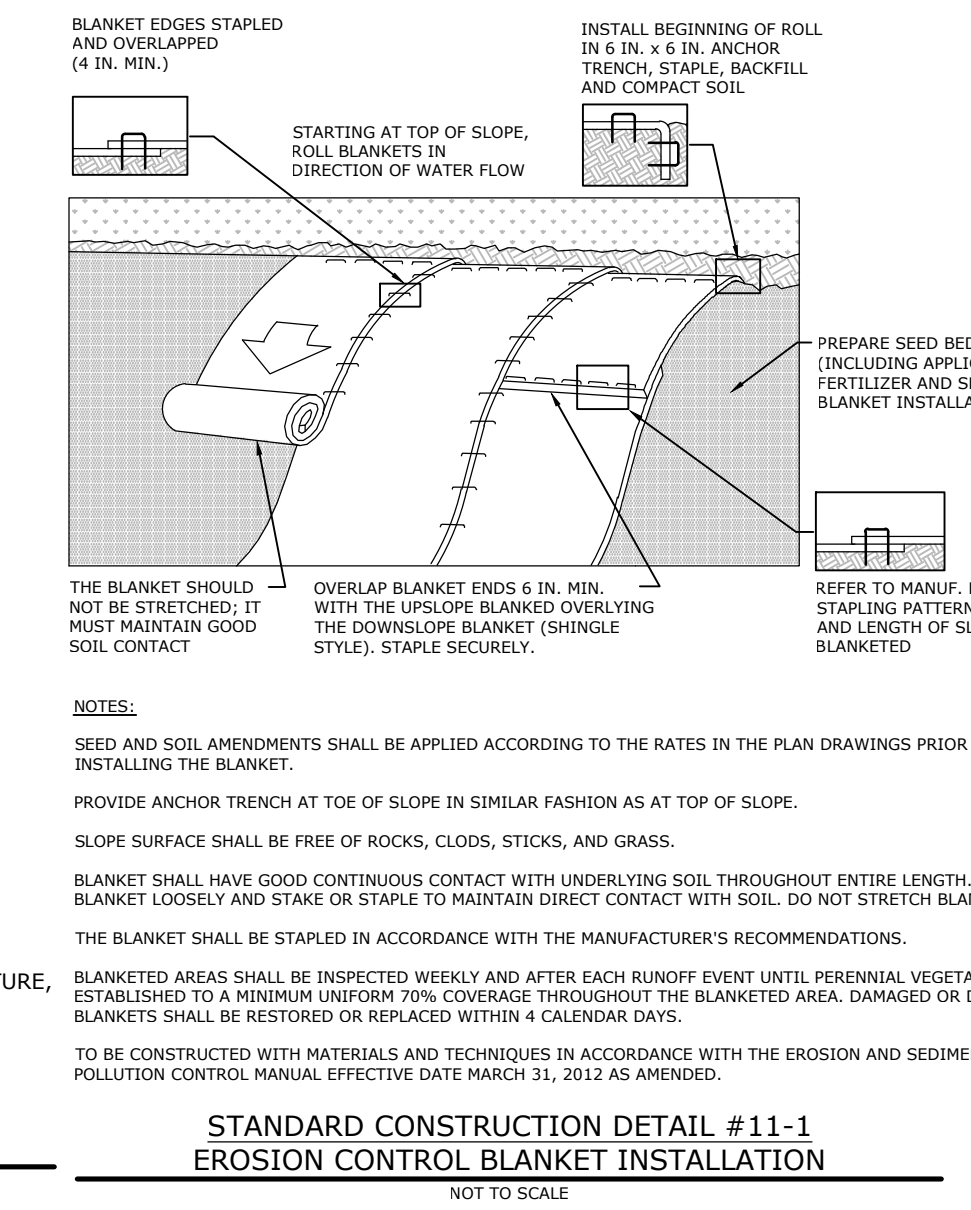
NOTES:

- MAXIMUM DRAINAGE AREA = 1/2 ACRE.
- INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.
- ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBGRADE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.

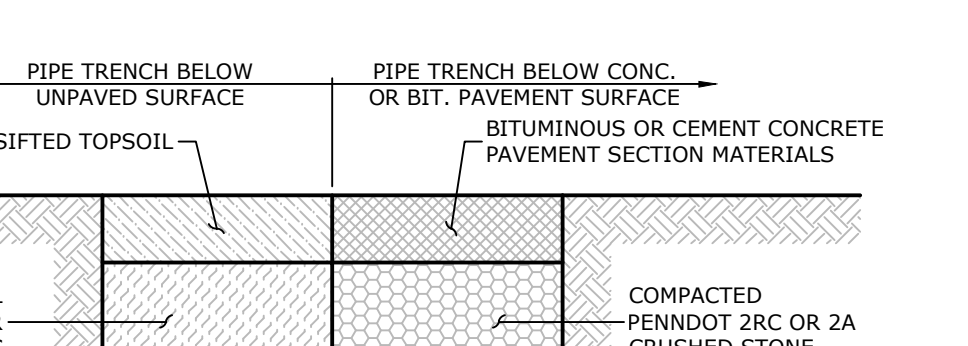


5'X4' CATCH BASIN WITH WEIR PLATE
NOT TO SCALE

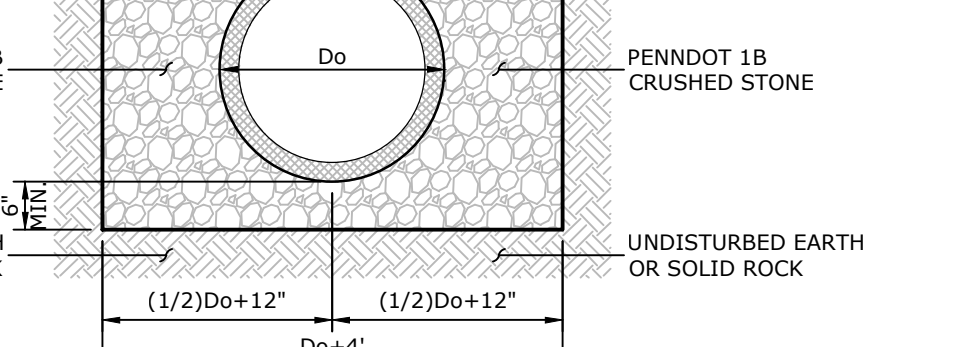
INFILTRATION FACILITY SECTION (BMP 1)
NOT TO SCALE



YD-202 ORIFICE CATCH BASIN WEIR PLATE DETAIL
NOT TO SCALE



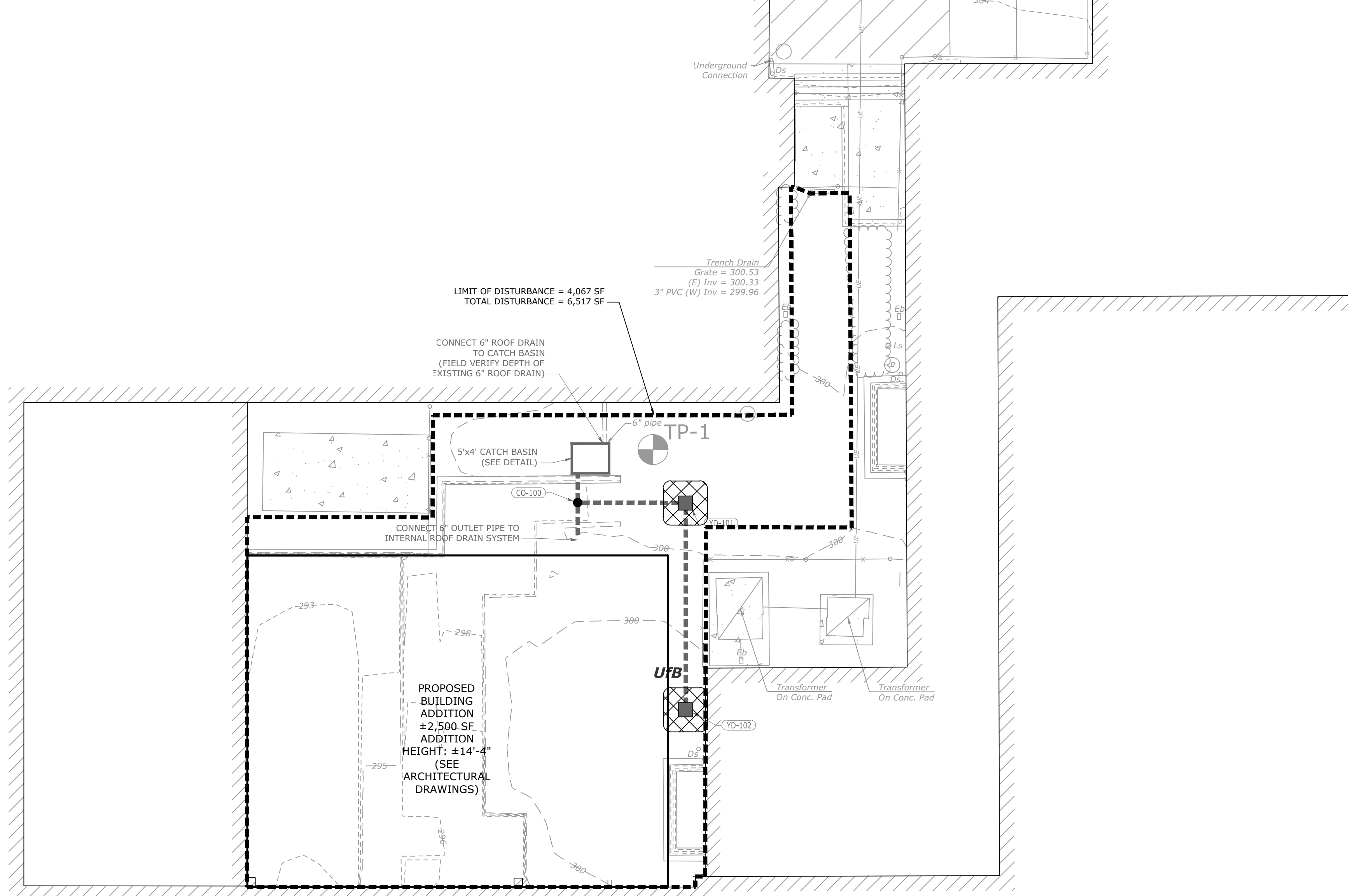
CATCH BASIN WEIR PLATE DETAIL
NOT TO SCALE



STORM PIPE TRENCH SECTION
NOT TO SCALE



**CONSTRUCTION STAGING AREA
SITE RESTORATION
SEE SHEET C-103**



SEQUENCE OF CONSTRUCTION

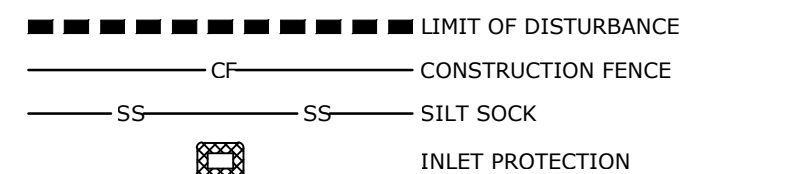
ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED AND IMMEDIATELY STABILIZED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.

IMMEDIATELY UPON DISCOVERING UNEXPECTED CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.

SCHEDULE SHALL INCLUDE REGULAR INSPECTION AND MAINTENANCE REQUIREMENTS INCLUDING ENGINEER'S PRESENCE AT SITE TO OBSERVE CONSTRUCTION AT CRITICAL STAGES AS INDICATED HEREIN. CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS PRIOR TO CONSTRUCTION OF STAGES.

- AT LEAST SEVEN (7) DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, THE LANDOWNER, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENT CONTROL PLAN REVIEWER, AND A REPRESENTATIVE OF THE DELAWARE COUNTY CONSERVATION DISTRICT TO AN ON-SITE PRE-CONSTRUCTION MEETING.
- AT LEAST THREE (3) DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1376 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- CONTRACTOR SHALL CLEARLY MARK THE LIMIT OF DISTURBANCE AS SHOWN ON THE PLAN, ORANGE CONSTRUCTION FENCE OR WOODEN STAKES WITH FLAG TAPE ARE ADEQUATE FOR FIELD MARKING. ADDITIONALLY, CONTRACTOR SHALL CLEARLY MARK ALL WATER OF THE COMMONWEALTH, CLEAR AND GRUB THE PORTIONS OF THE SITE, AND DEMO ITEMS AS REQUIRED. STRIP TOPSOIL, AND STOCKPILE AT THE TEMPORARY AREA PROVIDED, SURROUND WITH CORROST FILTER SOCK AND SEED PER TEMPORARY EROSION SPECIFICATIONS, FERTILIZER AND MULCH. BEGIN BREAK EXCAVATION OF THE SITE TO THE REQUIRED GRADES AS SHOWN ON THE PLANS. ANY EXCAVATED SOIL MATERIAL REMOVED FROM THE SITE SHALL ONLY BE PLACED IN AN AREA THAT HAS AN APPROVED EROSION CONTROL PLAN. INSURE SEDIMENT LADEN RUNOFF IS DIRECTED TO AN APPROPRIATE EROSION CONTROL BMP.
- CRITICAL STAGE. INSTALL UNDERGROUND INFILTRATION TRENCH (BMP 1). EXISTING SUBGRADE UNDER THE BED AREAS SHOULD NOT BE COMPACTED OR SUBJECT TO EXCESSIVE CONSTRUCTION EQUIPMENT TRAFFIC PRIOR TO GEOTEXTILE AND STONE BED PLACEMENT.**
 - INSTALL CONSTRUCTION FENCING AROUND LOCATIONS OF BMP 1, AS SHOWN ON THE PLANS.
 - WHERE EROSION OF SUBGRADE HAS CAUSED ACCUMULATION OF FINE MATERIALS AND/OR SURFACE PONDING, THIS MATERIAL SHOULD BE REMOVED WITH LIGHT EQUIPMENT AND THE UNDERLYING SOILS SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES WITH A YORK RAKE (OR EQUIVALENT) AND LIGHT TRACTOR. ALL FINE GRADING SHOULD BE DONE BY HAND. ALL BED BOTTOMS SHOULD BE AT LEVEL GRADE. INSTALL UPSTREAM AND DOWNSTREAM CONTROL STRUCTURES, CLEANOUTS, PERFORATED PIPING, AND ALL OTHER NECESSARY STORMWATER STRUCTURES.
 - GEOTEXTILE AND BED AGGREGATE SHOULD BE PLACED IMMEDIATELY AFTER APPROVAL OF SUBGRADE PREPARATION. GEOTEXTILE SHOULD BE PLACED IN ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDATIONS.
 - CLEAN-WASHED, UNIFORMLY GRADED AGGREGATE SHOULD BE PLACED IN THE BED IN MAXIMUM 6-INCH LIFTS. EACH LAYER SHOULD BE LIGHTLY COMPACTED, WITH CONSTRUCTION EQUIPMENT KEPT OFF THE BED BOTTOM AS MUCH AS POSSIBLE.
 - APPROVED SOIL MEDIA SHOULD BE PLACED OVER INFILTRATION TRENCH IN MAXIMUM 4-INCH LIFTS.
- INSTALL STORMWATER COLLECTION AND CONVEYANCE FACILITIES BEGINNING AT THE DOWNSTREAM CONNECTIONS AND WORKING UPSTREAM. ALL STORM SEWER CONSTRUCTION INCLUDES TRENCHING, JACKING, AND APPLYING FINAL STABILIZATION. ALL AREAS DRAINING TO STORMWATER COLLECTION, CONVEYANCE, AND MANAGEMENT FACILITIES SHALL BE IMMEDIATELY STABILIZED AND, IF REQUIRED, TEMPORARY DIVERSION MEASURES UTILIZED TO MINIMIZE THE AMOUNT OF SEDIMENT REACHING THEM. INSTALL TEMPORARY INLET PROTECTION WHERE INDICATED ON THE PLAN.
- UPON ACHIEVING FINAL ELEVATION IN THE PROPOSED BUILDING PAD AREA, EXCAVATE THE BUILDING FOOTERS, POUR CONCRETE FOR FOOTERS AND CONSTRUCT FOUNDATION WALL. WHEN CONDITIONS WARRANT, THE FOOTERS AND FOUNDATION WALLS MAY BE BACKFILLED. FILL MATERIAL SHALL BE FREE OF ROOTS, SOIL, AND OTHER ORGANIC MATERIAL. FROZEN SOIL, STONES, AND DISCARDED CONSTRUCTION MATERIAL, THE FILL SHALL BE PLACED IN 8" LAYERS, WITH EACH LAYER BEING ROLLED AND COMPACTED PRIOR TO THE NEXT LAYER BEING PLACED. WHEN THE AREA REACHES THE PRESCRIBED ELEVATION, THE SUBGRADE SHOULD BE THOROUGHLY ROLLED AND COMPACTED TO ELIMINATE ANY SOFT OR UNSETTLED AREAS.
- UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATORS SHALL CONTACT THE COUNTY CONSERVATION DISTRICT FOR AN INSPECTION PRIOR TO THE REMOVAL/CONVERSION OF THE E&S BMPs.
- THE CONTRACTOR SHALL REMOVE TEMPORARY INLET PROTECTION AND FLUSH ALL STORM SEWER PIPES AFTER THE SITE IS COMPLETELY STABILIZED.
 - STABILIZATION - PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLIDING, SLIPPING, OR OTHER MOVEMENTS.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITIES. DURING NON-GENERATING PERIODS, MULCH MUST BE APPLIED AT THE SPECIFIED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REESTABLISHED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINISHED GRADE ON WHICH WILL NOT BE REESTABLISHED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.

LEGEND PROPOSED E&S CONTROL PLAN FEATURES



SOIL LIMITATION RESOLUTIONS

- SLOPES** - EXCAVATIONS SHOULD BE STABILIZED TO PREVENT EROSION AND CONTRACTOR SHOULD EMPLOY PROPER CONSTRUCTION TECHNIQUES TO ENSURE SAFETY ON STEEP SLOPE AREAS.
- DEPTH OF ROCK** - IF BEDROCK IS ENCOUNTERED, REMOVE AS NECESSARY IN ACCORDING WITH PROJECT SPECIFICATIONS.
- FROST ACTION** - CONTRACTOR SHALL CONSULT PROJECT GEOTECHNICAL ENGINEER/INSPECTOR REGARDING ANY SPECIAL MEASURES TO BE TAKEN FOR EARTHWORK WHICH IS TO OCCUR DURING PERIODS OF FROST.
- SOIL pH LEVELS** - CONTRACTOR SHALL HAVE SOIL pH TESTED TO DETERMINE CORRECT FERTILIZER APPLICATION RATES.
- FLOODING POTENTIAL** - ENSURE THAT THE SITE HAS PROPER DRAINAGE.
- HIGH GROUNDWATER LEVEL** - CONTRACTOR SHALL EMPLOY DEWATERING TECHNIQUES AS APPROVED BY THE CONSERVATION DISTRICT. PUMPED WATER FILTER BAGS SHALL BE USED TO DEWATER UTILITY TRENCHES AND BELOW GRADE EXCAVATIONS.
- EROSION** - ANY EROSION THAT OCCURS THAT CAN NOT BE ADDRESSED BY MEASURES FOUND IN THE PLANS THE CONTRACTOR SHALL CONTACT THE SITE DESIGN ENGINEER AND THE CONSERVATION DISTRICT.
- BASEIN AREAS AND EMBANKMENTS** - FILL FOR BASIN EMBANKMENTS SHALL BE COMPACTED BY 8" LIFTS TO 98% MAXIMUM DRY DENSITY (STANDARD PROCTOR) ±2% MOISTURE CONTENT PER PER ASTM D-1557. ANTI-SEEP COLLARS SHALL BE INSTALLED ON A BASIN DISCHARGE PIPING TO PREVENT SEEPAGE OF WATER FROM THE BASIN. CONSULT WITH SITE DESIGN ENGINEER FOR THE SPECIFIC ANTI-SEEP COLLAR SIZE REQUIREMENTS.

GENERAL E&S NOTES

- BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE DELAWARE COUNTY CONSERVATION DISTRICT.
- THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE II, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
- SPECIAL CARE SHALL BE TAKEN TO PREVENT SEDIMENT LADEN STORMWATER FROM ENTERING ALL STORMWATER MANAGEMENT AND CONVEYANCE FACILITIES UNTIL THE SITE HAS BEEN PROPERLY STABILIZED.



ALL REPORTS, PLANS, SPECIFICATIONS AND COMPUTER FILES RELATING TO THIS PROJECT ARE THE PROPERTY OF CRABTREE, ROHRBAUGH & ASSOCIATES. CRABTREE ROHRBAUGH & ASSOCIATES RETAINS ALL COMMON LAW, STATUTE AND OTHER RESERVED RIGHTS INCLUDING THE COPYRIGHT THEREIN. REPRODUCTION OF THE MATERIAL HEREIN OR SUBSTANTIAL USE WITHOUT WRITTEN PERMISSION OF CRABTREE, ROHRBAUGH & ASSOCIATES VIOLATES THE COPYRIGHT LAWS OF THE UNITED STATES AND WILL BE SUBJECT TO LEGAL PROSECUTION. CRABTREE, ROHRBAUGH & ASSOCIATES, INC. 2023

REVISIONS

NO.	DATE	BY	DESCRIPTION OF CHANGES
01	07/25/2024	RES	REVISED PER COMMENT LETTER
02	08/05/2024	RES	REVISED PER COMMENT LETTER

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
www.cra-architects.com
TOWSON, MARYLAND
CHARLOTTEVILLE, VIRGINIA
WHITE SULPHUR SPRINGS, WEST VIRGINIA

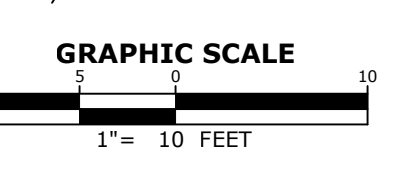
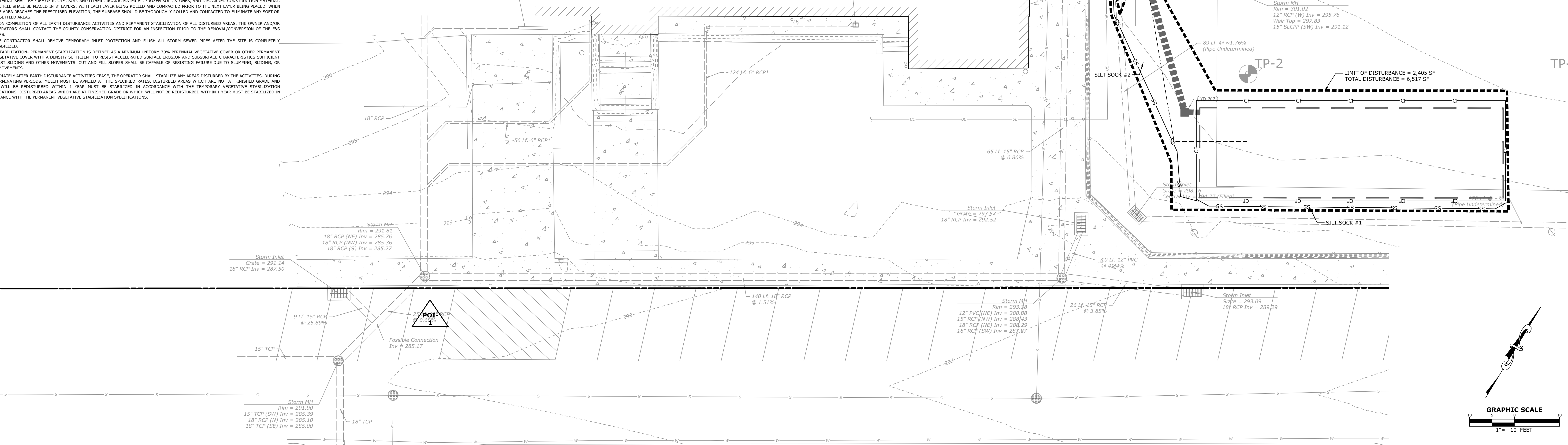
**ADDITION & RENOVATION TO
HAVERFORD MIDDLE SCHOOL
SCHOOL DISTRICT OF HAVERFORD TOWNSHIP**
400 ALLSTON RD., HAVERFORD, PA 19083

CR
401 EAST WINDING HILL ROAD
MECHANICSBURG PA 17055
717-458-0272



E&S PLAN
NOT SCALE AS SHOWN
DATE: MAY 9, 2024

PROJECT
3691
C-701



Township of Haverford

Resolution No. 2397-2024

(Formatted for Accessibility)

American Rescue Plan Act
Coronavirus Local Fiscal Recovery Fund
Recreation Facilities

Whereas, Haverford Township's direct allocation from the Coronavirus State and Local Fiscal Recovery Fund was \$19.8 million;

Whereas, on April 1, 2022 the US Department of Treasury released the Final Rule covering the Coronavirus State and Local Fiscal Recovery Fund, as created and directed by the American Rescue Plan Act authorizing recipients to use funds to invest in public health improvements, economic recovery and development, services to disproportionately affected communities, and general government services, among other allowable purposes: and,

Whereas, the Board of Commissioners desires to make improvements and financial investments in several Township projects and initiatives in accordance with the allowable spending structure as described by the U.S. Department of Treasury's Final rule as follows:

Freedom Playground at Andy Lewis Community Park replacement triple slide - \$6,546.00

Brookline Park playground safety surfacing including stone base - \$94,255.00

Resolved this 9th day of September, 2024.

Township of Haverford

C. Lawrence Holmes, Esq.
President, Board of Commissioners

David R. Burman, Township Manager/Secretary

PRICE QUOTE
 DATE: 7/31/2024
 QUOTE #
 BY Larry McCullough
 CELL 610-331-6554
 PH 800-726-4793
 FX: 610-353-5161

GENERAL RECREATION, INC.
 PO BOX 440
 NEWTOWN SQUARE, PA 19073
larry@gen-rec.com



CUST: **HAVERFORD TOWNSHIP**
 ATTN: Eileen Mottola

TERMS:
 SHIPPED BY: CC
 F. O. B.: DEL
 SHIP DATE:
 PHONE: 610-449-9307
 EMAIL:
emottola@havtwp.org

Quantity	Model #	DESCRIPTION	Each	Total
		REPLACEMNET SLIDE		
1		CW - 00152 ALPINE THUNDER SLIDE TRIPLE BEDWAY COLOR GREEN	\$5,521.00	\$5,521.00
1		SHIPPING	\$1,025.00	\$1,025.00

**ANY UNFORESEEN UNDERGROUND IMMOVABLE
 OBJECTS MAY REQUIRE AN ADDITIONAL FEE TO REMOVE**

THE PRICE INCLUDES SHIPPING COST
 NOT INCLUDE ARE UNLOADING , STORAGE AND INSTALLATION

SUB: \$6,546.00

THE ABOVE EQUIPMENT CAN BE PURCHASED
 PA STATE CONTRACT & COSTARS -14
 COSTARS VENDOR NUMBER 122659

Freight:

Quote valid for 30 days
 To confirm order please sign below and fax to 610-353-5161
 Signature _____

SUB: \$6,546.00
 Sales Tax:
 Total: \$6,546.00

GENERAL RECREATION, INC.



From: [Kathleen Oulahan](#)
To: [Gloria Cugini](#)
Cc: ajdunl@verizon.net
Subject: CDBG Housing Rehabilitation Lead Based Paint Testing RFP
Date: Thursday, August 29, 2024 10:44:53 AM

Gloria,

We received 3 responses to the Lead Based Paint Testing RFP for the Housing Rehabilitation Program, they are as follows:

ARC Environmental
RT Environmental Services, Inc.
Accredited Environmental Technologies, Inc.

Based on our review of the submissions, the scoring qualifications, and comparison of the pricing we recommend award of the contract in accordance with the terms outlined in the RFP to:

ARC Environmental
1311 Haubert Street
Baltimore, MD. 21230

Kathleen Oulahan
AJ Dunleavy Assoc., Inc
1254 West Chester Pike, Ste #301
Havertown, PA. 19083

[Sent from Yahoo Mail for iPad](#)

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Kathleen Oulahan
AJ Dunleavy Assoc., Inc
1254 West Chester Pike, Ste #301
Havertown, PA. 19083

[Sent from Yahoo Mail for iPad](#)

Township of Haverford

Public Works Department Memorandum

Date: August 27, 2024

To: Board of Commissioners
David R. Burman, Township Manager

From: Dan Mariani, Public Works Director

Re: Replacement Street Light Poles

Public Works Department is in need of two (2) Street Light Poles with two (2) 6' arms as replacements.

Items to be purchased from: Turtle (T&H) Philadelphia in the amount of \$10,575.00

Thank you.



INVOICE

T&H PHILADELPHIA
 375 CONSTANCE DR
 WARMINSTER, PA 18974-2816

INVOICE #	INVOICE DATE
6315336-00	08/23/2024
REMIT TO :	
100 Walnut Ave., 4th Floor Clark, NJ 07066 PHONE: (732) 574-3600 FAX: (732) 453-0685	

BILL TO: 128915

SHIP TO: SHOP

HAVERFORD TOWNSHIP
 1014 DARBY RD
 HAVERTOWN, PA 19083

HAVERFORD TOWNSHIP
 PUBLIC WORKS SHOP
 1 HILLTOP ROAD
 BILL BAKER 610 636 1893
 HAVERTOWN, PA 19083

SHIP VIA	SHIP DATE	ORDER DATE	CUSTOMER ORDER #	REFERENCE	SLS 1	TERMS
BEST WAY	08/22/2024	04/04/2024	PW001828	STREET LIGHTS	A101	PROX 30 NM

INSTRUCTIONS	PLACED BY	BOB M
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LN	QUANTITY ORDERED	QUANTITY B/O	QUANTITY SHIPPED	PRODUCT AND DESCRIPTION	ITEM #	UNIT PRICE	PRICE U/M	AMOUNT (NET)
1	2.00	0	2.00	HAPCO 32916X ROUND TAPERED ALUM POLE 24'X8"X.250 SATIN FINISH PN: UPC:000000000000	1	\$ 2,350.00000	EACH	\$ 4,700.00
2	2.00	0	2.00	HAPCO 12365 TWIN 6' DAVIT ARM SATIN FINISH PN: UPC:000000000000	2	\$ 1,590.00000	EACH	\$ 3,180.00
3	1.00	0	1.00	HAPCO 32917 TWIN 12' DAVIT ARM SATIN FINISH PN: UPC:000000000000	3	\$ 1,810.00000	EACH	\$ 1,810.00
4	1.00	0	1.00	HAPCO 32917X 12' DAVIT ARM SATIN FINISH PN: UPC:000000000000	4	\$ 885.00000	EACH	\$ 885.00
4	LINES TOTAL		QTY SHIPPED TOTAL	6.00		SUB TOTAL		\$ 10,575.00
						INVOICE AMOUNT		\$ 10,575.00
						AMOUNT DUE		\$ 10,575.00

SERVICE CHARGE OF 1 1/2 % PER MONTH
 IF NOT PAID BY 09/30/24



Visit Us Online at: www.turtle.com

Haverford Township Parks and Recreation Department Memorandum

(Formatted for Accessibility)

Date: August 27, 2024

To: David R. Burman, Township Manager

From: Brian Barrett, Director of Parks and Recreation

Subject: Jack McDonald Field Lights and Brookline Park Surfacing

Attached is a quote for the replacement of the field lights at Jack McDonald Field. Darby Creek Trail extension now runs along the road side of the field and the existing lights needed to be removed to site the trail. Denney Electric will install the lights for fall sports. Denney Electric is Costars with vendor #018-E22-017. The total cost is \$20,600.00 and will be paid with capital funds.

Also attached is a quote for safety surfacing for the playground equipment at Brookline Park. General Recreation will do the installation. They are Costars #122659. The total cost is \$94,255.00 and will be paid for with ARPA funds.

If there are any questions I will be on hand for the Board of Commissioner Work Session on September 3, 2024.

PRICE QUOTE
 DATE: 8/27/2024
 QUOTE # PIP
 BY Larry McCullough
 CELL 610-331-6554
 PH 800-726-4793
 FX: 610-353-5161

GENERAL RECREATION, INC.
 PO BOX 440
 NEWTOWN SQUARE, PA 19073
larry@gen-rec.com



CUST: **HAVERFORD TOWNSHIP**
 ATTN: Eileen Mottola

TERMS:
 SHIPPED BY: CC
 F. O. B.: DEL
 SHIP DATE:
 PHONE: 610-449-9307
 EMAIL:
emottola@havtwp.org

Quantity	Model #	DESCRIPTION	Each	Total
BROOKLINE PARK- PLAYGROUND PROPOSALS				
1		SAFETY TURF POURED IN PLACE RUBBER SAFETY SURFACING 2.5" THICKNESS 50% COLOR 50% BLACK AREA 54'X65'- 3510 SQ FT MATERIAL INSTALLED	\$71,955.00	\$71,955.00
1		INSTALLATION OF STONE BASE FOR THE RUBBER SURFACING EXCAVATION OF TOPSOIL TO 6" DEPTH SUPPLY AND INSTALL 4" STONE BASE	\$22,300.00	\$22,300.00
DOES NOT INCLUDE SITE PREP				
ANY UNFORESEEN UNDERGROUND IMMOVABLE OBJECTS MAY REQUIRE AN ADDITIONAL FEE TO REMOVE				

THE PRICE INCLUDES SHIPPING COST SUB: \$94,255.00
 NOT INCLUDE ARE UNLOADING , STORAGE AND INSTALLATION

THE ABOVE EQUIPMENT CAN BE PURCHASED
 PA STATE CONTRACT & COSTARS -14
 COSTARS VENDOR NUMBER 122659

Freight:

Quote valid for 30 days
 To confirm order please sign below and fax to 610-353-5161
 Signature _____

SUB: \$94,255.00
 Sales Tax:
 Total: \$94,255.00

GENERAL RECREATION, INC.





Expiration Date: 09/11/24

Quotation

TO:

HAVERFORD TWP REC CENTER
 9000 PARKVIEW DR
 HAVERFORD, PA 19041

Project Info:

Project: Mcdonald Memorial Field
 Job #: 4910
 Bid Date: 08/12/24
 Bid Time: 02:00 PM EDT
 Quoter: SHANE CONNERY

Type	Quantity	Vendor	Description	Unit or Lot#	Unit Price	Ext Price
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COSTARS CONTRACT NUMBERS:

- 018-E22-017
- 040-E22-125
- 008-E22-853
- 030-E22-028
- 033-E22-044
- 014-E23-303
- 003-E23-634

	8		KT-SLFLED500-S1-40-YM-750-VDI	Unit		
	4		MOUNTING BRACKET	Unit		
	1		LABOR (consists of the following)	Unit		
	0		1. Install 3 customer wooden poles that were taken down and laying over in bushes	Included		
	0		2. Remove 2 old lights left on pole where control cabinet is mounted	Included		
	0		3. Supply and install 4 8 wooden crossarms	Included		

From:

DENNEY ELECTRIC SUPPLY
 MAIN 610-444-2170
 of Kennett Square, Inc
 510 West State Street
 Kennett Square, PA 19348
 Printed By: DANIEL SCHLEGEL

Notes

Thank you for your business!!
 For terms of sale please refer to
<https://www.denneyelectricsupply.com/content/terms-sale.htm>



Project: Mcdonald Memorial Field
Expiration 09/11/24

Quotation

Type	Quantity	Vendor	Description	LOT #	Unit Price	Ext Price
	0		4. Supply and install 4 mounting brackets for lights	Included		
	0		5. Supply and install 8 LED field liters model KT-5LED500-S1-40-YM-750-VDi	Included		
	0		6. Install approximately 500 #2 triplex aerial between poles and make taps at each pole	Included		
	0		7. All labor non prevailing wage rate Note: Hopefully customer poles were not cut short during removal	Included		

From:
 DENNEY ELECTRIC SUPPLY
 MAIN 610-444-2170
 of Kennett Square, Inc
 510 West State Street
 Kennett Square, PA 19348
 Printed By: DANIEL SCHLEGEL

Total	20,600.00
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Notes
 Thank you for your business!!
 For terms of sale please refer to
<https://www.denneyelectricsupply.com/content/terms-sale.htm>

**CERTIFIED LOCAL GOVERNMENT MASTER AGREEMENT
BETWEEN
PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION
AND
HAVERFORD TOWNSHIP, DELAWARE COUNTY**

This Certified Local Government Master Agreement is between the Commonwealth of Pennsylvania, acting by and through the Pennsylvania Historical and Museum Commission, (hereinafter “Commission”) and Haverford Township , (hereinafter “CLG”).

Pursuant to the National Historic Preservation Act, 54 U.S.C. § 302902, the United States Department of the Interior’s National Park Service (“National Park Service”), makes certain funds available to the Commonwealth for the identification, evaluation and protection of historic resources in Pennsylvania to be distributed as grants to Certified Local Governments in a program administered by the Commission.

Haverford Township is a Certified Local Government (“CLG”) pursuant to 54 U.S.C. § 302501 *et seq.*, effective as of March 2, 2015. The CLG’s may submit applications to the Commission to carry out projects under the program.

The parties intending to be legally bound hereby, agree as follows:

I. Term.

- 1. Term.** The term of this agreement will commence on January 1, 2025 or the date of the last required Commonwealth signature, whichever is later, (“Effective Date”) and will terminate on December 31, 2029 (“Termination Date”), unless terminated by the Commonwealth in accordance with Article V, Section 4 of this agreement. This agreement is not legally binding on the Commonwealth until all signatories, including those signing their approvals for form and legality, have signed this agreement and the Commonwealth provides a fully executed copy to the CLG.

- 2. Master Agreement.** This agreement serves as the Master Agreement for the Certified Local Grant program (“Program”.) Once fully executed, the CLG may apply for Program funds in an open grant application cycle. Once the application and project are approved by the Commission, the Commission shall make appropriated funds available to the CLG upon issuance of a Funding Release. Such funds shall be used by the CLG to carry out the activities described in the CLG’s application. Each approved application will be attached to and become part of this Master Agreement. All Funding Releases issued by the Commission will be attached to and become part of this Master Agreement. Examples of Funding Release forms are attached and incorporated at Exhibit A.

III. Responsibilities of the Parties.

1. Responsibilities of the Certified Local Government.

- a. **Grant Project.** A CLG may submit multiple grant project applications per year. These grant projects will become part of and referenced within each Funding Release Form.
- b. **Project Description.** The CLG shall use the grant award in accordance with each approved application's project description and budget.
- c. **Project Budget.** The CLG's receipt of the executed Funding Release authorizes the CLG to incur costs in accordance with the Funding Release and approved project.
- d. **Guidelines.** The CLG shall review and comply with all guidelines and regulations issued by the Commission and the National Park Service applicable to this Program, including but not limited to the *Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation*; the *Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards*, 2 C.F.R. § 200 *et seq.*; and the Commission's current federal fiscal year grant application and instructions found at <https://www.phmc.pa.gov/Preservation/Grants-Funding>.
- e. **Matching Share.** The CLG will provide evidence in each grant application that it has secured a matching share as defined in the current federal fiscal year grant application and instructions.
- f. **Record Preservation and Audit.** The CLG shall maintain and preserve all records related to this Master Agreement. The CLG shall give the Commonwealth and any of its authorized representatives, including, but not limited to, the Commission, the Auditor General, the Inspector General, or federal auditors, full and free access to all of these records. The Commission reserves the right to perform audits, site visits and conduct progress reviews. The CLG shall preserve, maintain, and make available for inspection its records, including all receipts, obligations and disbursements related to any Funding Release approved under this Master Agreement, for a period of 5 years from the date of final payment under this agreement, and for period, required by applicable statute, by any other paragraph of this agreement, or by sub-paragraphs (a) or (b) below.
 - a. If this agreement is completely or partially terminated, the CLG shall preserve and make available to the Commission all records relating to

the work performed prior to termination for a period of 5 years from the date of any resulting final payment.

- b. For records related to any litigation or settlement of claims arising out of the CLG performance under this agreement or costs and expenses related to this agreement as to which exception has been taken by the auditors, the CLG must retain those records until the litigation, claim, or exception has resulted in a final decision or binding resolution by the relevant decision-maker or tribunal.

2. Responsibility of the Commission.

- A. **Commission Approval.** The Commission will approve or disapprove project applications at its discretion, and issue Funding Releases for approved projects. The Funding Release shall be approved and signed by the Executive Director, the Commission's Office of Chief Counsel, and Comptroller Operations certifying the availability of funds.
- B. **Reimbursement.** Subject to the availability of the federal grant funds, the Commission shall reimburse the CLG for project costs after the CLG submits invoices and source documentation. The Commission shall only reimburse those costs set forth in the Funding Release. The CLG must demonstrate full compliance with, and satisfactory progress toward, completion of the work as specified in the project description. After receiving satisfactory documentation of costs and expenditures, the Commission will make reimbursement pursuant to all laws, rules, and regulations including the CLG Guidelines and Instructions.

IV. Other Applicable Provisions

1. Assumption of Legal Responsibility. The CLG shall assume sole legal responsibility for any claims for damages asserted against the Commonwealth, the Commission, or any employees or agents, resulting from the negligence or intentional actions or omissions of the CLG. The CLG's responsibility includes, but is not limited to, the assertion of defenses on the part of the Commonwealth, the Commission, and their employees, and the costs of the assertion. The Commission shall provide the CLG with prompt notice of any claims brought to its attention and the CLG may control the defense or settlement of the claim. However, the Commonwealth reserves the right for itself, its instrumentality, the Commission, and their employees, to participate in the defense of any such claim through its Attorney General at its own expense.

2. **Home Rule.** If the CLG has a home rule charter promulgated under the laws of the Commonwealth, this agreement shall not be considered a waiver of any of the CLG's rights or defenses it may have under such charter.
3. **Federal Funding Accountability and Transparency Act Provisions.** The CLG shall maintain current registration in the federal System for Award Management (SAM) (SAM.gov), at all times during which the CLG has active Federal awards funded pursuant to this contract. SAM assigns a Unique Entity ID (UEID) to each entity registered in SAM. The CLG must provide its assigned UEID number to the Commission with its project application. The CLG agrees to provide additional information in conformance with the Federal Funding Accountability and Transparency Act if they become applicable.
4. **Termination.** The Commission reserves the right to terminate this agreement at any time by providing thirty (30) days written notice of termination to the CLG, for non-availability of funds; nonperformance; inadequate performance; or noncompliance with the project description, the terms and conditions of this agreement, or the terms and conditions contained in any other grant with the Commonwealth or the United States of America. The Commonwealth shall have the right to terminate the agreement for its convenience if the Commonwealth determines that termination is in the best interest of the Commonwealth. Upon termination of this agreement, the CLG shall be prohibited from incurring grant related expenses, spending or disbursing any remaining grant funds and shall immediately return all remaining unused grant funds to the Commission.
5. **No Grant Funds Will Be Used Against the Commonwealth.** No funding awarded to CLG under this Agreement shall be used in any action against the Commonwealth or the Commission.
6. **Ineligible Costs.** The CLG shall repay to the Commission the entire grant award amount if the CLG violates any terms and conditions of this agreement or any applicable laws or regulations, or if the Commission determines that costs claimed by the CLG are ineligible. Allowable costs are only those approved in the and in accordance with the grant award. All other costs are unallowable, unless approved in writing by the Commission
7. **Equipment.** The Commission reserves the right to make the final determination on the title to equipment or fixed assets purchased or fabricated with grant funds under this agreement.
8. **Amendments.** Amendments and modifications to this agreement must be accomplished through a formal written document signed by the parties with the same formality as the original agreement.
9. **Lobbying.** The CLG may not use the grant funds for lobbying activities.

10. Standard Terms and Conditions. The CLG agrees to be bound by the Commonwealth Standard Terms and Conditions in Exhibit B.

11. Proposal as a Public Record. The CLG's application and project proposal is part of the record of this transaction and will be available to the public.

12. Waiver. Any waiver of any terms and conditions of this agreement must be in writing and signed by the waiving party. The waiver of any of the terms and conditions of agreement may not be construed as a waiver of any subsequent breach of the same or any other terms or conditions of this agreement.

13. Assignment. The CLG may not assign any of its rights or obligations under this agreement without the prior written consent of the Commission. This agreement shall be binding upon and inure to the benefit of the parties and their respective successors and permitted assigns.

14. No Agency. The CLG is not an agent, employee or representative of the Commission or the Commonwealth, nor shall the CLG represent itself as such to third parties. Nothing in this Agreement may be construed so as to create a relationship of employer and employee, principal and agent, or joint venture among the Commonwealth, Commission and the CLG.

15. Third-Party Beneficiaries. Nothing in this Agreement is intended to grant any legally enforceable rights or provide any benefits to any third-party.

16. Survival. The terms and conditions of this Agreement that by their nature are reasonably intended by the parties to survive termination shall survive the expiration or termination of this Agreement.

17. Assurances. If reasonably requested by one party, the other party shall execute and deliver any other documents and take any other action as may be necessary to affect the terms of this agreement.

18. Counterparts. This agreement may be executed in counterparts, each of which is deemed an original (including copies sent to a party by electronic transmission) as against the party signing the counterpart, but which together shall constitute one and the same instrument.

19. Severability. If any provision of this agreement is determined to be void, invalid, unenforceable or illegal for any reason, it will be ineffective only to the extent that the validity and enforceability of all the remaining provisions is not affected.

20. Integration. This agreement, including all referenced documents, constitutes the entire agreement between the parties. No agent, representative, employee or officer of either the Commonwealth or the CLG has the authority to make, or has made, any statement, agreement or representation, oral or written, in connection

with this agreement, that, in any way, can be deemed to modify, add to or detract from, or otherwise change or alter its terms and conditions. No negotiations between the parties, nor any custom or usage, may be permitted to modify or contradict any of the terms and conditions of this agreement.

[SIGNATURE PAGE FOLLOWS.]

AGREEMENT BETWEEN THE PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION
AND
Haverford Township
1015 Darby Road,
Havertown, PA 19064

The parties, through their authorized representatives, have affixed their signatures below:

BY: _____ Date: _____
Signature

Print/Type Title Print/Type Name

BY: _____ Date: _____
Signature
Pennsylvania Historical & Museum Commission

Executive Director Andrea Bakewell Lowery
Print/Type Title Print/Type Name

Approved as to Form and Legality:

BY: _____ Date: _____
Office of Chief Counsel
Pennsylvania Historical and Museum Commission

BY: _____ Date: _____
Office of General Counsel
Commonwealth of Pennsylvania

BY: _____ Date: _____
Office of Attorney General
Commonwealth of Pennsylvania

BY: _____ Date: _____
Comptroller
Commonwealth of Pennsylvania

Exhibit A
Funding Release Form Example

Date	
Grantee Name	
Vendor Number	
Contract Number	
Funding Release Form Number	
Total Prior Funding Released	
Current Funding Release Amount	
Period of Performance	
Total Amount of all funding available under the Contract including the Current funding release amount	

Coding Information Totaling Current Funding Release Amount

The Pennsylvania Historical and Museum Commission hereby makes available to the Grantee the current funding release amount specified above, subject to the condition that it shall be used by the grantee to carry out the activities specified in the Work Plan and Budget attached hereto and incorporated herein.

Commonwealth of Pennsylvania
through the Pennsylvania Historical
and Museum Commission, State
Historic Preservation Office

BY: _____ Date: _____
Executive Director

Approved as to Form and Legality:

BY: _____ Date: _____
Office of Chief Counsel
Pennsylvania Historical and Museum Commission

Approved as to appropriateness and availability of funds:

BY: _____ Date: _____
Comptroller
Commonwealth of Pennsylvania

Exhibit B
Commonwealth Standard Terms and Conditions
Grant Version (Revised - 10/1/2023 v2)

1. DEFINITIONS

Capitalized terms used in these Commonwealth standard terms and conditions that are not otherwise defined in these provisions have the meanings specified in the agreement to which they are attached.

2. INDEMNIFICATION

The Grantee shall indemnify and defend the Commonwealth against all third-party claims, suits, demands, losses, damages, costs, and expenses, including without limitation, litigation expenses, attorneys' fees, and liabilities, arising out of or in connection with any activities performed by the Grantee or its employees and agents pursuant to this agreement, as determined by the Commonwealth in its sole discretion.

3. NONDISCRIMINATION/SEXUAL HARASSMENT

- a. **Representations.** The Grantee represents that it is presently in compliance with and will remain in compliance with all applicable federal, state, and local laws, regulations, and policies relating to nondiscrimination and sexual harassment for the term of the agreement. The Grantee shall, upon request and within the time periods requested by the Commonwealth, furnish all necessary employment documents and records, including EEO-1 reports, and permit access to its books, records, and accounts by the Commonwealth for the purpose of ascertaining compliance with provisions of this Nondiscrimination/Sexual Harassment Clause.

- b. **Nondiscrimination/Sexual Harassment Obligations.** The Grantee shall not:
 - i. in any manner discriminate in the hiring of any employee(s) for the performance of the activities required under this agreement or any subgrant agreement, contract, or subcontract, by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the Pennsylvania Human Relations Act ("PHRA") and applicable federal laws, against any citizen of this Commonwealth who is qualified and available to perform the work to which the employment relates.

 - ii. in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, against or intimidate any of its employees.

 - iii. in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, in the provision of services under this agreement or any subgrant agreement, contract, or subcontract.

- iv. in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of PHRA and applicable federal laws, against any subgrantee, contractor, subcontractor, or supplier who is qualified to perform the work to which this agreement relates.
 - v. in any manner discriminate against employees by reason of participation in or decision to refrain from participating in labor activities protected under the Public Employee Relations Act, Pennsylvania Labor Relations Act, or National Labor Relations Act, as applicable, and to the extent determined by entities charged with the Acts' enforcement and shall comply with any provision of law establishing organizations as employees' exclusive representatives.
- c. **Establishment of Grantee Policy.** The Grantee shall establish and maintain a written nondiscrimination and sexual harassment policy that complies with the applicable law and these Nondiscrimination/Sexual Harassment provisions and shall inform its employees in writing of the policy. The policy must contain a provision that states that sexual harassment will not be tolerated and employees who practice it will be disciplined. For the entire period of this agreement, the Grantee shall: (1) post its written nondiscrimination and sexual harassment policy or these Nondiscrimination/Sexual Harassment provisions conspicuously in easily accessible and well-lighted places customarily frequented by employees at or near where the grant activities are performed; or (2) provide electronic notice of the policy or this clause to its employees not less than annually.
- d. **Notification of Violations.** The Grantee's obligations pursuant to these provisions are ongoing from the effective date and through the termination date of the agreement. Accordingly, the Grantee shall notify the Commonwealth if, at any time during the term of this agreement, it becomes aware of any actions or occurrences that would result in violation of these provisions.
- e. **Cancellation or Termination of Agreement.** The Commonwealth may cancel or terminate this agreement and all money due or to become due under this agreement may be forfeited for a violation of the terms and conditions of these Nondiscrimination/Sexual Harassment provisions. In addition, the granting agency may proceed with debarment or suspension and may place the Grantee in the Contractor Responsibility File.
- f. **Subgrant Agreements, Contracts, and Subcontracts.** The Grantee shall include these Nondiscrimination/Sexual Harassment provisions in its subgrant agreements, contracts, and subcontracts with all subgrantees, contractors, and subcontractors providing goods or services under this agreement. The incorporation of these provisions in the Grantor's subgrants, contracts, or subcontracts does not create privity of contract between the Commonwealth and any subgrantee, contractor, or subcontractor, and no third-party beneficiaries are created by those provisions. If the Grantee becomes aware of a subgrantee's, contractor's, or subcontractor's violation of these provisions, the Grantee shall use its best efforts to ensure the subgrantee's, contractor's, or subcontractor's compliance with these provisions.

4. GRANTEE INTEGRITY

a. **Definitions.** For purposes of these Grantee Integrity Provisions, the following definitions apply:

- i. “Affiliate” means two or more entities where (a) a parent entity owns more than 50% of the voting stock of each of the entities; (b) a common shareholder or group of shareholders owns more than 50% of the voting stock of each of the entities; or (c) the entities have a common proprietor or general partner.
- ii. “Grantee” means the individual or entity, that has entered into this agreement with the Commonwealth.
- iii. “Grantee Related Parties” means any Affiliates of the Grantee and the Grantee’s executive officers, Pennsylvania officers and directors, or owners of five percent or more interest in the Grantee.
- iv. “Financial Interest” means ownership of more than a five percent interest in any business or holding a position as an officer, director, trustee, partner, employee, or holding any position of management.
- v. “Gratuity” means tendering, giving, or providing anything of more than nominal monetary value including, but not limited to, cash, travel, entertainment, gifts, meals, lodging, loans, subscriptions, advances, deposits of money, services, employment, or contracts of any kind. The exceptions set forth in the [Governor’s Code of Conduct, Executive Order 1980-18](#), as may be amended, 4 Pa. Code §7.153(b), apply.
- vi. “Non-Solicitation Award Process” means a method of awarding grants based on predetermined criteria, without the solicitation of grant applications.

b. **Representations and Warranties.**

- i. **Grantee Representation and Warranties.** The Grantee represents, to the best of its knowledge and belief, and warrants that within the last five years neither the Grantee nor Grantee Related Parties have:
 1. been indicted or convicted of a crime involving moral turpitude or business honesty or integrity in any jurisdiction;
 2. been suspended, debarred, or otherwise disqualified from entering into any contract with any governmental agency;
 3. had any business license or professional license suspended or revoked;
 4. had any sanction or finding of fact imposed as a result of a judicial or administrative proceeding related to fraud, extortion, bribery, bid rigging, embezzlement, misrepresentation or anti-trust; and
 5. been, and are not currently, the subject of a criminal investigation by any federal, state, or local prosecuting or investigative agency or civil anti-trust investigation by any federal, state, or local prosecuting or investigative agency.

- ii. **Grantee Explanation.** If the Grantee cannot make the representations and warranties set forth above at the time of its submission of its grant application or if the agreement is awarded pursuant to a Non-Solicitation Award Process at the time of the execution of the agreement, the Grantee shall submit a written explanation outlining the reasons why it cannot make those representations and warranties. The Commonwealth may, based on its evaluation of the explanation provided, determine whether it is in the Commonwealth's best interest to execute the agreement.
 - iii. **Further Representations.** By submitting any bills, invoices, or requests for payment pursuant to the agreement, the Grantee further represents that it has not violated any of these Grantee Integrity Provisions during the term of the agreement.
 - iv. **Notice.** The Grantee shall immediately notify the Commonwealth, in writing, if at any time during the term of the agreement it becomes aware of any event that would cause the Grantee's certification or explanation to change. The Grantee acknowledges that the Commonwealth may, in its sole discretion, terminate the agreement for cause if it learns that any of the certifications made in these Grantee Integrity Provisions are currently false or misleading due to intervening factual circumstances or were false or misleading or should have been known to be false or misleading when entering into the agreement.
- c. **Grantee Responsibilities.** During the term of this agreement, the Grantee shall:
- i. maintain the highest standards of honesty and integrity.
 - ii. take no action in violation of any applicable laws, regulations, or other requirements applicable to the Grantee that govern Commonwealth contracting or grant administration.
 - iii. establish and implement a written business integrity policy that includes, at a minimum, the requirements of these Grantee Integrity Provisions as they relate to the Grantee's activity with the Commonwealth and Commonwealth employees and ensure that its employees comply with the policy.
 - iv. not accept, agree to give, offer, confer, agree to confer, or promise to confer, directly or indirectly, any gratuity or pecuniary benefit to any person, or to influence or attempt to influence any person in violation of any federal or state law, regulation, executive order, statement of policy, management directive, or bulletin applicable to the award of grants or the administration of this agreement.
 - v. not have a financial interest in any other subgrantee, contractor, subcontractor, or supplier providing services, labor, or material under this agreement, unless the financial interest is disclosed to the Commonwealth in writing and the Commonwealth consents to Grantee's financial interest. The Grantee must disclose the financial interest to the Commonwealth at the time of submission of its grant application, or if a Non-Solicitation Award Process is used, no later than the date the Grantee signs the agreement. The Commonwealth shall be deemed to

have consented if the required disclosure is received and all of the required Commonwealth signatures are affixed.

- vi. comply with the requirements of the Lobbying Disclosure Act (65 Pa.C.S. § 13A01 et seq.) regardless of the method of award.
- vii. comply with the requirements of Section 1641 of the Pennsylvania Election Code (25 P.S. § 3260a) if this agreement was awarded pursuant to a Non-Solicitation Award Process.
- viii. immediately notify the Commonwealth or the Office of the State Inspector General, in writing, when the Grantee has reason to believe that any breach of ethical standards as set forth in law, the Governor's Code of Conduct, or these Grantee Integrity Provisions has occurred or may occur, including, but not limited to, contact by a Commonwealth officer or employee, which, if acted upon, would violate the ethical standards.

d. **Investigations.** If a State Inspector General investigation is initiated, the Grantee shall:

- i. reimburse the Commonwealth for the reasonable costs of investigation incurred by the Office of the State Inspector General for investigations of the Grantee's compliance with the terms of this or any other agreement between the Grantee and the Commonwealth that results in the suspension or debarment of the Grantee. The Grantee shall not be responsible for investigative costs for investigations that do not result in the Grantee's suspension or debarment.
- ii. cooperate with the Office of the State Inspector General in its investigation of any alleged Commonwealth agency or employee breach of ethical standards and any alleged Grantee non-compliance with these Grantee Integrity Provisions and make identified Grantee employees and volunteers available for interviews at reasonable times and places.
- iii. upon the inquiry or request of an Inspector General, provide, or if appropriate, make promptly available for inspection or copying, any information of any type or form deemed relevant by the Office of the State Inspector General to Grantee's integrity and compliance with these provisions. This information may include, but is not be limited to, the Grantee's business or financial records, documents or files of any type or form that refer to or concern this agreement.

e. **Termination.** For violation of any of these Grantee Integrity Provisions, the Commonwealth may terminate this agreement and any other contract with the Grantee, claim liquidated damages in an amount equal to the value of anything received in breach of these Grantee Integrity provisions, claim damages for all additional costs and expenses incurred in obtaining another grantee to complete performance under this agreement, and debar and suspend the Grantee from doing business with the Commonwealth. These rights and remedies are cumulative, and the use or non-use of any one does not preclude the use of all or any other. These rights and remedies are in addition to those the Commonwealth may have under law, statute, regulation, or otherwise.

f. **Subcontracts.** The Grantee shall include these Grantee Integrity Provisions in its subgrant agreements, contracts, and subcontracts with all subgrantees, contractors, and

subcontractors providing goods or services under this agreement. The incorporation of this provision in the Grantee's subgrant agreements, contracts, and subcontracts shall not create privity of contract between the Commonwealth and any subgrantee, contractor, or subcontractor, and no third-party beneficiaries are created by the inclusion of these provisions. If the Grantee becomes aware of a subgrantee's, contractor's, or subcontractor's violation of these provisions, the Grantee shall use its best efforts to ensure their compliance with these provisions.

5. CONTRACTOR RESPONSIBILITY

- a. **Definition.** For the purpose of these provisions, the term "Contractor" means as any person, including, but not limited to, a bidder, offeror, loan recipient, grantee or lessor, who has furnished or performed or seeks to furnish or perform, goods, supplies, services, leased space, construction or other activity, under a contract, grant, lease, purchase order or reimbursement agreement with the Commonwealth. The term also includes a permittee, licensee, or any agency, political subdivision, instrumentality, public authority, or other public entity in the Commonwealth.
- b. **Contractor Representations.**
 - i. The Contractor represents for itself and its subgrantees, contractors, and subcontractors required to be disclosed or approved by the Commonwealth, that as of the date of its execution of this agreement, that neither the Contractor, nor any of its subgrantees, contractors, and subcontractors, are under suspension or debarment by the Commonwealth or any governmental entity, instrumentality, or authority and, if the Contractor cannot make this representation, the Contractor shall submit, along with the agreement, a written explanation of why the certification cannot be made.
 - ii. The Contractor represents that, as of the date of its execution of this agreement, it has no tax liabilities or other Commonwealth obligations, or has filed a timely administrative or judicial appeal, if any liabilities or obligations exist, or is subject to a duly approved deferred payment plan if any liabilities exist.
- c. **Notification.** The Contractor shall notify the Commonwealth if, at any time during the term of the agreement, it becomes delinquent in the payment of taxes, or other Commonwealth obligations, or if it or, to the best of its knowledge, any of its subgrantees, contractors, or subcontractors are suspended or debarred by the Commonwealth, the federal government, or any other state or governmental entity. The Contractor shall provide this notification within 15 days of the date of suspension or debarment.
- d. **Default.** The Contractor's failure to notify the Commonwealth of its suspension or debarment by the Commonwealth, any other state, or the federal government constitutes an event of default of the agreement with the Commonwealth.
- e. **Reimbursement.** The Contractor shall reimburse the Commonwealth for the reasonable costs of investigation incurred by the Office of State Inspector General for investigations of the Contractor's compliance with the terms of this agreement or any other agreement between the Contractor and the Commonwealth that results in the suspension or

debarment of the Contractor. These costs include, but are not limited to, salaries of investigators, including overtime; travel and lodging expenses; and expert witness and documentary fees. The Contractor shall not be responsible for investigative costs for investigations that do not result in the Contractor's suspension or debarment.

- f. **Suspension and Debarment List.** The Contractor may obtain a current list of suspended and debarred Commonwealth contractors by visiting the eMarketplace website at <http://www.emarketplace.state.pa.us> and clicking the Debarment list tab.

6. AMERICANS WITH DISABILITIES ACT

- a. **No Exclusion.** Pursuant to the Americans with Disabilities Act, 42 U.S. Code § 12101, et seq., no qualified individual with a disability may, on the basis of the disability, be excluded from participation in this agreement or from activities provided for under this agreement.
- b. **Compliance.** For all goods and services provided pursuant to this agreement, the Grantee shall comply with Title II of the Americans with Disabilities Act, the "General Prohibitions Against Discrimination" set forth in 28 C. F. R. § 35.130, and all other regulations promulgated under Title II of the Americans with Disabilities Act that apply to state and local governments.
- c. **Indemnification.** The Grantee shall indemnify the Commonwealth against all third-party claims, suits, demands, losses, damages, costs, and expenses, including without limitation, litigation expenses, attorneys' fees, and liabilities, arising out of or in connection with the Grantee's failure or its employee's or agent's failure to comply with the provisions of paragraph a, as determined by the Commonwealth in its sole discretion.

7. APPLICABLE LAW AND FORUM

This agreement is governed by and must be interpreted and enforced in accordance with the laws of the Commonwealth of Pennsylvania (without regard to any conflict of laws provisions) and the decisions of the Pennsylvania courts. The Grantee consents to the jurisdiction of any court of the Commonwealth of Pennsylvania and any federal courts in Pennsylvania and waives any claim or defense that such forum is not convenient or proper. Any Pennsylvania court or tribunal has in personam jurisdiction over the Grantee, and the Grantee consents to service of process in any manner authorized by Pennsylvania law. This provision may not be interpreted as a waiver or limitation of the Commonwealth's rights or defenses.

8. RIGHT TO KNOW LAW

- a. **Applicability.** The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, ("RTKL") applies to this agreement.
- b. **Grantee Assistance.** If the Commonwealth needs the Grantee's assistance in any matter arising out of the RTKL related to this agreement, the Commonwealth shall notify the Grantee that it requires the Grantee's assistance, and the Grantee shall provide to the Commonwealth:
 - i. access to, and copies of, any document or information in the Grantee's possession (Requested Information) arising out of this agreement that the

Commonwealth reasonably believes is a public record under the RTKL, within ten calendar days after receipt of written notification; and

- ii. any other assistance as the Commonwealth may reasonably request, in order to comply with the RTKL with respect to this agreement.
- c. **Trade Secret or Confidential Proprietary Information.** If the Grantee considers the Requested Information to include a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, or other information that the Grantee considers exempt from production under the RTKL, the Grantee shall notify the Commonwealth and provide, within seven calendar days of receipt of the written notice a written statement, signed by a representative of the Grantee, that explains why the requested material is exempt from public disclosure under the RTKL. If the Commonwealth determines that the Requested Information is clearly not exempt from disclosure, the Grantee shall provide the Requested Information to the Commonwealth within five business days of receipt of written notice of the Commonwealth's determination.
- d. **Reimbursement**
 - i. **Commonwealth Reimbursement.** If the Grantee fails to provide the Requested Information and the Commonwealth is ordered to produce the Requested Information, the Grantee shall reimburse the Commonwealth for any damages, penalties, or costs that the Commonwealth may incur as a result of the Grantee's failure, including any statutory damages assessed against the Commonwealth.
 - ii. **Grantor Reimbursement.** The Commonwealth will reimburse the Grantee for any costs that the Grantee incurs as a direct result of complying with these provisions only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL.
- e. **Challenges of Commonwealth Release.** The Grantee may file a legal challenge to any Commonwealth decision to release a record to the public with the Office of Open Records, or in the Pennsylvania Courts, however, the Grantee shall reimburse the Commonwealth for any legal expenses incurred by the Commonwealth as a result of the challenge, including any damages, penalties or costs that the Commonwealth may incur as a result of the Grantee's legal challenge, regardless of the outcome.
- f. **Waiver.** As between the parties, the Grantee waives all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL.
- g. **Survival.** The Grantee's obligations contained in this Section survive the termination or expiration of this agreement.

9. OFFSET

The Commonwealth may set off the amount of any state tax liability or other obligation of the Grantee, or its subsidiaries, owed to the Commonwealth against any payments due the Grantee under any contract between the Commonwealth and Grantee.

10. AUTOMATED CLEARING HOUSE (ACH) PAYMENTS

- a. **Payment Method.** The Commonwealth shall make payments to the Grantee through the Automated Clearing House (ACH). Within 10 days of the grant award, the Grantee must submit or must have submitted its ACH information within its user profile in the Commonwealth's Master Database. The Grantee may enroll to receive remittance information via electronic addenda and email (e-Remittance). ACH and e-Remittance information is available at the following:

<https://www.budget.pa.gov/Services/ForVendors/Pages/Direct-Deposit-and-e-Remittance.aspx>

- b. **Unique Identifier.** The Grantee must submit a unique invoice number with each invoice submitted. The Commonwealth shall list the Grantee's unique invoice number on its ACH remittance advice to enable the Grantee to properly apply the state agency's payment to the respective invoice or program.
- c. **ACH Information in the Commonwealth's Master Database.** The Grantee shall ensure that the ACH information contained in Commonwealth's Master Database is accurate and complete. The Grantee's failure to maintain accurate and complete information may result in delays in payments.

11. WORKER PROTECTION AND INVESTMENT

The Grantee shall comply with all applicable Pennsylvania state labor laws and worker safety laws including, but not limited to, the following:

- a. Construction Workplace Misclassification Act;
- b. Employment of Minors Child Labor Act;
- c. Minimum Wage Act;
- d. Prevailing Wage Act;
- e. Equal Pay Law;
- f. Employer to Pay Employment Medical Examination Fee Act;
- g. Seasonal Farm Labor Act;
- h. Wage Payment and Collection Law;
- i. Industrial Homework Law;
- j. Construction Industry Employee Verification Act;
- k. Act 102: Prohibition on Excessive Overtime in Healthcare;
- l. Apprenticeship and Training Act; and
- m. Inspection of Employment Records Law.