



UPPER UWCHLAN TOWNSHIP
PLANNING COMMISSION
AGENDA

June 8, 2023
7:00 p.m.

LOCATION

Upper Uwchlan Township Building, 140 Pottstown Pike, Chester Springs PA 19425

		Packet Page #
I.	7:00 PM Meeting Call To Order	
II.	Chester County Parks & Facilities Conditional Use and Land Development Plan, and Natural Lands Trust Conditional Use Plan Review consultants' comments of the County's revised Plan (May 17, 2023) to extend the Struble Trail from its current terminus, across Dorlan Mill Road, to Marsh Creek State Park. Consider making recommendations for approval of both Conditional Use Applications and the County's Land Development Plan.	2
III.	Eagleview Lot 1A Preliminary/Final Land Development Plan Review consultants' comments of plans last revised April 25, 2023. Consider making recommendation for approval.	38
IV.	Approval of Minutes: April 13, 2023 Workshop and Meeting May 11, 2023 Workshop and Meeting	58 61
V.	Meeting Updates ~ Reports A. Environmental Advisory Council (EAC) B. Historical Commission (HC) C. Active Transportation Plan (ATP)	
VI.	Next Meeting Date: July 13, 2023 7:00 p.m.	
VII.	Open Session	
VIII.	Adjournment	



June 1, 2023

File No. 13-11046T

VIA E-MAIL ONLY

Mr. Tony Scheivert
Upper Uwchlan Township Manager
140 Pottstown Pike
Chester Springs, PA 19425

Reference: Struble Trail – Extension II
Preliminary/Final Land Development Application and Conditional Use Application
Upper Uwchlan Township, Chester County, PA

Dear Tony:

Gilmore & Associates, Inc. (G&A) is in receipt of the following documents prepared by Bursich Associates, Inc., unless otherwise noted:

- Letter of Transmittal to Upper Uwchlan Township, dated May 17, 2023.
- Plan review Response Letter dated May 17, 2023.
- Plan set consisting of nineteen (19) sheets titled "Preliminary / Final Land Development Plans Struble Trail – Extension II," dated May 1, 2019 and last revised May 17, 2023.
- Report titled "Post Construction Stormwater Management Report for Struble Trail Extension II," dated April 2023 and revised May 17, 2023.

G&A, as well as the other Township Consultants, have completed our fourth review of the above referenced Conditional Use Application and Preliminary / Final Land Development Application for compliance with the applicable sections of the Township's Zoning Ordinance, Subdivision and Land Development Ordinance, and Stormwater Management Ordinance, and wish to submit the following comments for your consideration.

Please note that comments with **(CU)** or **(RW)** may require relief from the Township Ordinances. A **(CU)** denotes a conditional use may be required or has previously been granted, and **(RW)** denotes a requested waiver. Comments in *italics* are from our previous review, and comments in **bold text** require resolution by the applicant.

I. OVERVIEW

The subject site is located off Dorlan Mill Road (S.R. 4019) in Upper Uwchlan Township, Chester County, Pennsylvania. The site is zone Limited Industrial (L-I). The project intends to make improvements to an existing trailhead for the Struble Trail. The Struble Trail is a multi-use trail system along the bed of the abandoned East Branch Brandywine Railroad Company railroad line and follows the East Branch Brandywine Creek. The open, paved section of the trail currently extends 2.6 miles from the existing trailhead at Dorlan Mill Road to a parking area on Norwood Road in Downingtown Borough.

The project is located along the East Branch Brandywine Creek within the Brandywine Creek Watershed, which is classified within PaDEP Title 25 Chapter 93 as HQ-TSF.

The Applicant is proposing an approximately 810 linear feet extension of the Struble Trail. Additional improvements include post and rail fencing, and steel entry gate with bollard installations. Stormwater management will be handled by an infiltration trench. A trench drain is also proposed at the entrance to the existing parking lot.

II. ZONING ORDINANCE REVIEW

1. **(CU)** §200-44.I.(10) – *The Applicant is requesting a conditional use to allow a governmental use for the site.*

III. SUBDIVISION & LAND DEVELOPMENT ORDINANCE REVIEW

1. **(RW)** §162-8.B. – *The Applicant is requesting a waiver to allow a combined preliminary/final plan submission. For reference, this waiver was requested and granted for the previous phase of this project.*

IV. STORMWATER MANAGEMENT ORDINANCE REVIEW

1. *An HOP permit will be required for the proposed 18" RCP pipe crossing Dorlan Mill Road.*

The response letter indicates an HOP application will be submitted to PennDOT.

V. TOWNSHIP TRAFFIC CONSULTANT COMMENTS
McMAHON ASSOCIATES, INC.

All our previous technical comments have been addressed, and we have no further comments; however, we note that the applicant's engineer confirms they

File No. 13-11046T

June 1, 2023

will verify with PennDOT whether the previously approved PennDOT permits for the trail and pedestrian flashing signal are still valid due to the passage of time. The applicant's engineer will copy the Township on all correspondence with PennDOT.

VI. TOWNSHIP PLANNING CONSULTANT COMMENTS
BRANDYWINE CONSERVANCY

No comments at this time.

This concludes our review of the above-referenced application. We would recommend the plans be revised to address the above-referenced comments as well as any raised by the Planning Commission and the Board of Supervisors. If you have any questions, please do not hesitate to contact me.

Sincerely,

David N. Leh

David N. Leh, P.E.
Vice President
Gilmore & Associates, Inc.

cc: Upper Uwchlan Township Planning Commission Members
Upper Uwchlan Township Board of Supervisors
Gwen Jonik – Township Secretary
Rhys Lloyd – Director of Code Enforcement
Anthony Campbell – Zoning Officer
Rob Daniels, Brandywine Conservancy
Christopher J. Williams, P.E., McMahon Associates, Inc.
Kevin McKenna, Esq. Latsha, Davis, & McKenna
Skip Brion, Esq. – BBM&M
Ari Chrisakis, Esq.- BBM&M
Nicholas E. Feola, P.E., Bursich Associates, Inc.
Dave Stauffer, Chester County Dept. of Facilities and Parks
Jan Bowers, Chester County Dept. of Facilities and Parks

Draft Motions for February 6, 2023 HC Meeting

Background:

- ▶ Chester County has submitted a conditional use application and land development plan that reflects removal of the stone retaining walls and steps of the Dorlan's Mill miller's house in connection with extending the Struble Trail to become part of Marsh Creek State Park.
- ▶ The Dorlan's Mill miller's house site is a significant historic resource associated with prominent Chester County and Township resident, James Dorlan, and associated with the history of Chester County's and the Township's paper mills. The house and site are also recognized in Futhey and Cope's iconic 1881 *History of Chester County* (see excerpts attached).
- ▶ The Dorlan's Mill miller's house site and related features are historic resources protected under Township ordinance Sections 162-44A, 55A and 55G.
- ▶ Given that the miller's house will be demolished it is important to preserve historic features related to the house, along with appropriate signage, to interpret the historic site for public educational purposes, similar to the Dowlin Forge ruins preserved along Struble Trail.

Draft Motions for February 6, 2023 HC Meeting

Recommendations:

The Upper Uwchlan Township Historical Commission (UUTHC) hereby makes the following recommendations to the Planning Commission and Board of Supervisors:

- Condition approval of Chester County's conditional use application and land development plan on the following:
 - ▶ Preserve the retaining walls in front of the house along Dorlan's Mill road
 - ▶ Preserve the retaining walls in back of the house
 - ▶ Preserve the steps leading up to the front of the house along Dorlan's Mill road
- The Township works with the Commonwealth of Pennsylvania to obtain permission to build a low stone wall outlining where the house stood, reusing stones from the demolished house, along with interpretative signage

PRELIMINARY / FINAL LAND DEVELOPMENT PLANS

STRUBLE TRAIL - EXTENSION II

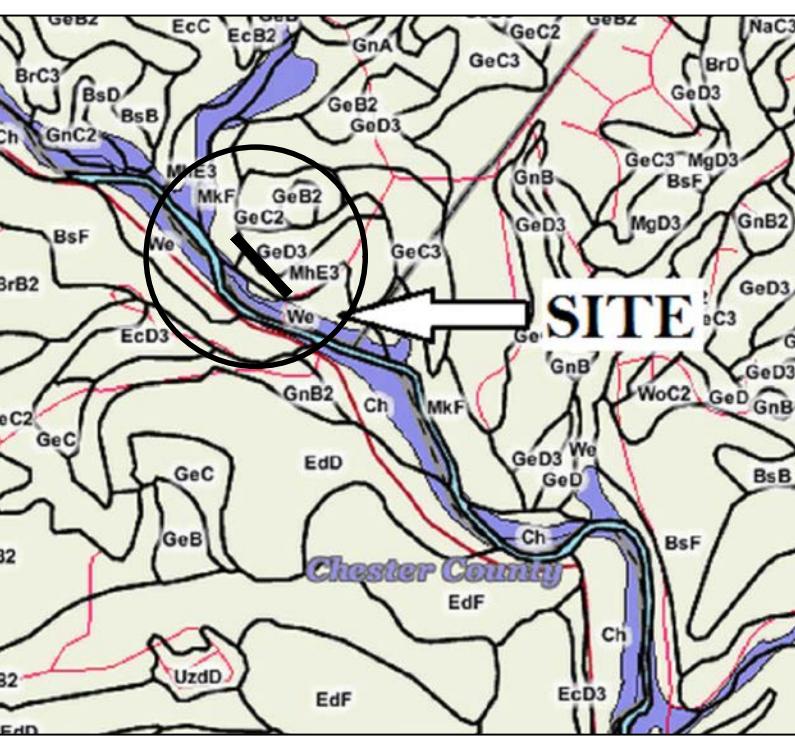
UPPER UWCHLAN TOWNSHIP - CHESTER COUNTY - PENNSYLVANIA

PREPARED FOR: CHESTER COUNTY, DEPARTMENT OF FACILITIES
 313 WEST MARKET STREET, SUITE 5402
 P.O. BOX 2748
 WEST CHESTER, PA 19380-0991

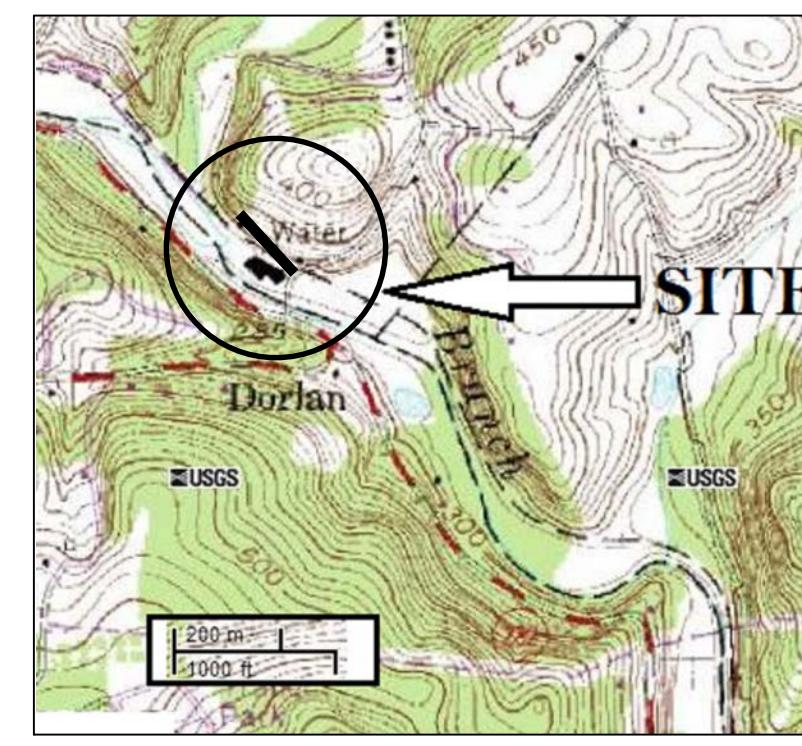
PREPARED BY: BURSICH ASSOCIATES, INC.
 2129 EAST HIGH STREET
 POTTSTOWN, PENNSYLVANIA 19464

MAY 1, 2019
 REVISED DECEMBER 21, 2022
 REVISED APRIL 5, 2023
 REVISED APRIL 26, 2023
 REVISED MAY 17, 2023

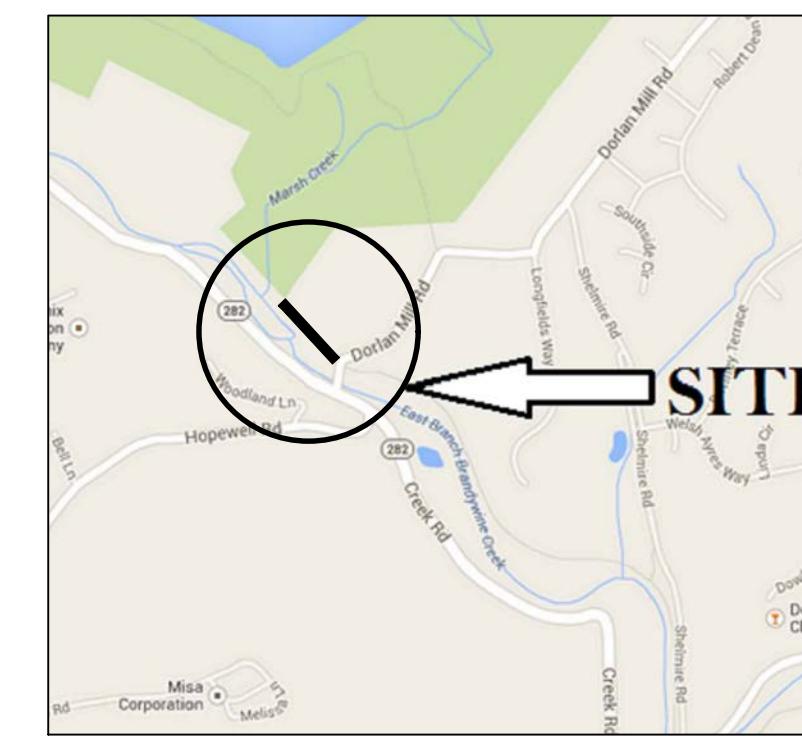
COMMONWEALTH OF PENNSYLVANIA
 COUNTY OF CHESTER
 ON THE _____ DAY OF _____, 20____, BEFORE ME, THE SUBSCRIBER, A NOTARY PUBLIC FOR THE
 COMMONWEALTH OF PENNSYLVANIA, RESIDING IN _____, PERSONALLY APPEARED TO ME,
 _____, WHO ACKNOWLEDGES TO BE THE _____ OF THE NATURAL LANDS TRUST,
 AND THAT AS SUCH, BEING AUTHORIZED TO DO SO BY THE NATURAL LANDS TRUST, EXECUTED THE FOREGOING PLAN, AND THAT THEY DESIRE THAT THIS PLAN BE DULY RECORDED
 ACCORDING TO LAW.



SOILS MAP
1"=1000'



USGS TOPO
1"=1000'



LOCATION MAP
1"=1000'

AUTHORIZED SIGNATURE _____
 NOTARY PUBLIC _____
 UPPER UWCHLAN TOWNSHIP PLANNING COMMISSION
 REVIEWED BY THE PLANNING COMMISSION OF UPPER UWCHLAN TWP., CHESTER CO., PA THIS
 _____ DAY OF _____, 20____.
 CHAIRPERSON _____

UPPER UWCHLAN TOWNSHIP BOARD OF SUPERVISORS
 APPROVED BY THE BOARD OF SUPERVISORS OF UPPER UWCHLAN TWP., CHESTER CO., PA THIS
 _____ DAY OF _____, 20____.
 CHAIRPERSON _____

TOWNSHIP ENGINEER REVIEW
 REVIEWED BY THE TOWNSHIP ENGINEER FOR UPPER UWCHLAN TOWNSHIP THIS _____ DAY OF
 _____, 20____.

CHESTER COUNTY PLANNING COMMISSION
 REVIEWED BY THE CHESTER COUNTY PLANNING COMMISSION THIS _____ DAY OF _____, 20____.

RECORDER OF DEEDS
 RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF CHESTER COUNTY AT WEST CHESTER, PENNSYLVANIA IN PLAN BOOK
 _____ PAGE_____, ON THE _____ DAY OF _____, 20____.
 RECORDER OF DEEDS _____

RECORDER OF DEEDS _____

ZONING DATA:
 ZONING DISTRICT: LIMITED INDUSTRIAL (L-I)
 FLOOD HAZARD OVERLAY DISTRICT
 PROPOSED USE: GOVERNMENT USE (EXTENSION OFSTRUBLE TRAIL)

SITE DATA:
 UPI 32-08-48.1, COMMONWEALTH OF PENNSYLVANIA, 3.1 ACRES.
 EASEMENT IN FAVOR OF COUNTY OF CHESTER FORSTRUBLE TRAIL DEVELOPMENT.
 20' WIDE TRAIL EASEMENT THROUGH PART OF UPI 32-6-49.3
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 SEPTEMBER 22, 2010, 0.28 AC.

UPI 32-06-49.2, COMMONWEALTH OF PENNSYLVANIA, 1.22 ACRES.
 EASEMENT IN FAVOR OF COUNTY OF CHESTER FORSTRUBLE TRAIL DEVELOPMENT.
 UPI 32-06-65.1, COUNTY OF CHESTER, 2.3 ACRES
 UPI 32-06-66, COUNTY OF CHESTER, 0.55 ACRES

FLOODPLAIN NOTE:
 100 YEAR FLOODPLAIN PER FIRM FLOOD RATE INSURANCE MAP,
 CHESTER COUNTY, PENNSYLVANIA DOWNLOADED FROM FEMA ON
 AUGUST 28, 2018.

RECORDER OF DEEDS

SHEET LIST		
SHEET #	DRAWING #	SHEET DESCRIPTION
01	CO137340-1A	COVER SHEET
02	GN137340-1A	GENERAL NOTES
03	LO137340-1A	SITE PLAN
04	LO237340-1A	SITE PLAN
05	EF137340-1A	EXISTING FEATURES/SITE ANALYSIS & IMPACT PLAN
06	EF237340-1A	EXISTING FEATURES/SITE ANALYSIS & IMPACT PLAN
07	GR137340-1A	GRADING PLAN
08	GR237340-1A	GRADING PLAN
09	UT137340-1A	UTILITY PLAN
10	UT237340-1A	UTILITY PLAN
11	CD337340-1A	CONSTRUCTION DETAILS
12	PC137340-1A	STORMWATER MANAGEMENT SITE PLAN AND OPERATION & MAINTENANCE PLAN
13	PC237340-1A	STORMWATER MANAGEMENT SITE PLAN AND OPERATION & MAINTENANCE PLAN
14	CD137340-1A	STORMWATER MANAGEMENT DETAILS AND OPERATION & MAINTENANCE PLAN
15	CD237340-1A	STORMWATER MANAGEMENT DETAILS AND OPERATION & MAINTENANCE PLAN
16	CD437340-1A	STORMWATER MANAGEMENT DETAILS AND OPERATION & MAINTENANCE PLAN
17	ES137340-1A	EROSION AND SEDIMENT CONTROL PLAN
18	ES237340-1A	EROSION AND SEDIMENT CONTROL PLAN
19	ES3237340-1A	EROSION AND SEDIMENT CONTROL DETAILS

PLAN SHEETS TO BE RECORDED

LIST OF UTILITIES-RESPONSES

THE FOLLOWING COMPANIES WERE NOTIFIED BY THE PENNSYLVANIA ONE CALL SYSTEM (1-800-242-1776) AND REQUESTED TO MARK OUT UNDERGROUND FACILITIES AFFECTING THE SITE. THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON IS BASED UPON THE UTILITY COMPANIES RESPONSES TO THIS REQUEST. SERIAL NO.:

AQUA PENNSYLVANIA INC (HS)
 CLEAR-NO FACILITIES.

BUCKEYE PARTNERS (IA)
 CLEAR-NO FACILITIES.

COMCAST CABLE COMMUNICATIONS INC (J2)
 CLEAR-NO FACILITIES.

PECO ENERGY (P)
 CLEAR-NO FACILITIES.

SUNOCO PIPELINE LP (SP)
 DESIGN CONFLICT

UPPER UWCHLAN TWP/UPPER UWCHLAN MUNICIPAL AUTHORITY (UT)
 CLEAR-NO FACILITIES.

UWCHLAN TOWNSHIP LOCAL AUTHORITY (UTMA)
 FACILITIES ON SITE

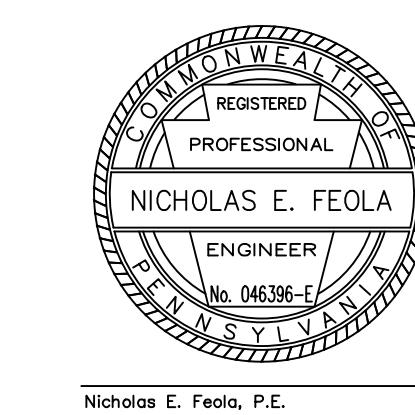
VERIZON PENNSYLVANIA LLC (Y)
 CLEAR-NO FACILITIES.

NOTE: SHRYOCK BROTHERS, INC. HAS EXISTING PRIVATE, UNMARKED WATER SERVICE LINE IN PROJECT VICINITY (SEE GENERAL NOTE #3 ON SHEET 2).

UPI 32-6-48.1, 32-6-49.3, 32-6-49.2



Stop - Call Before You Dig!
 Pennsylvania Act 181 (2007) requires notification by excavators, designers, or any person preparing to disturb the earth's surface anywhere in the commonwealth.
 Pennsylvania One Call System, Inc.
 811 or 1-800-242-1776
 SERIAL # 20132890184



Nicholas E. Feola, P.E.

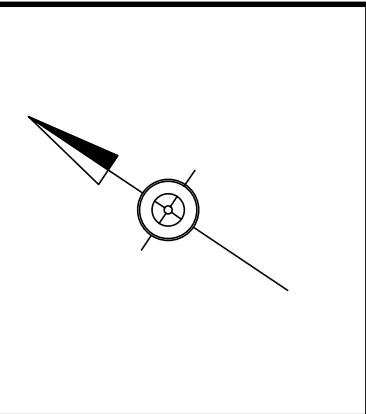
BURSICH
 Sharing your Vision

Corporate Headquarters
 2129 East High Street
 Pottstown, PA 19464
 610-323-4040

Southampton Office
 706 Lakeside Drive
 Southampton, PA 18966

www.bursich.com

RECORD PLAN 1 OF 9



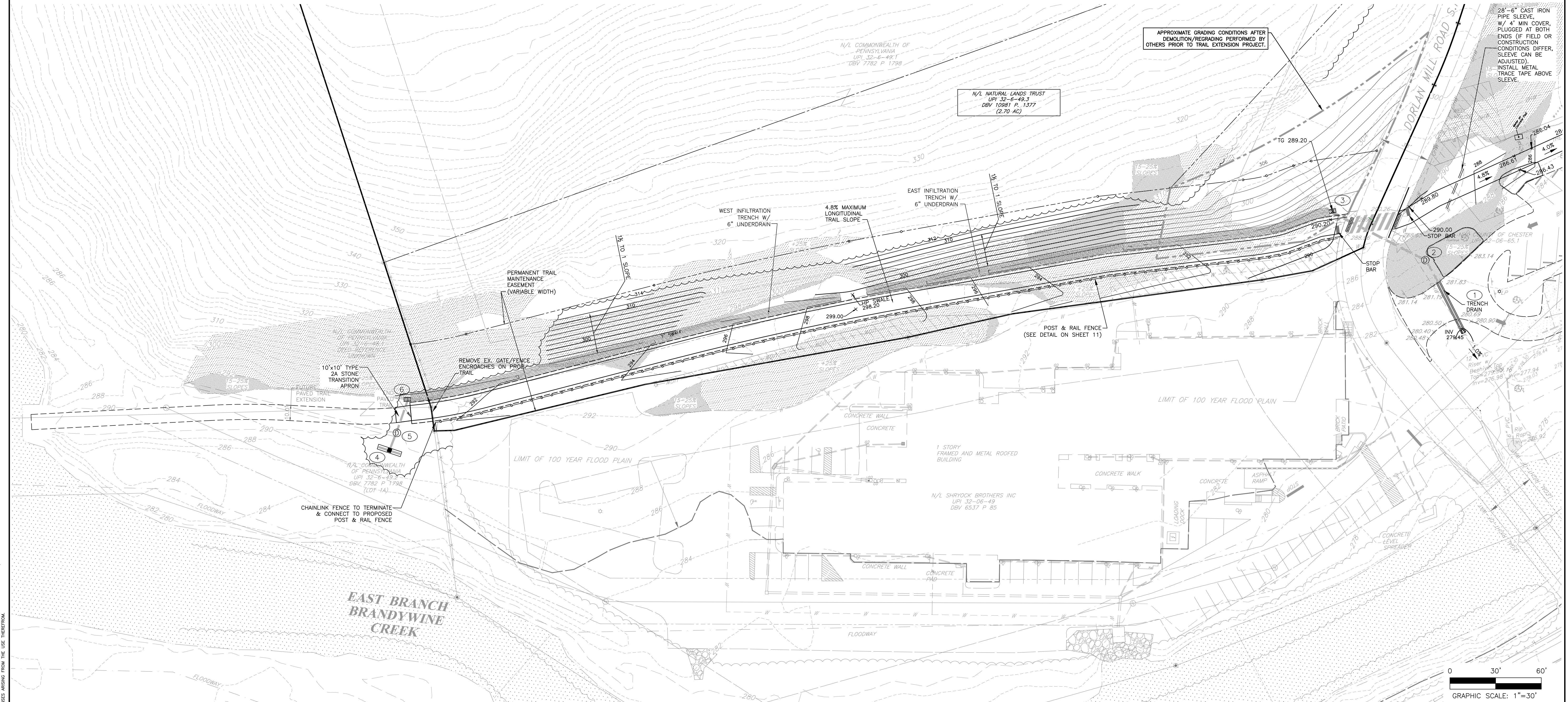
PROPOSED FEATURES LEGEND:

SOILS LIST

GdB - GLADSTONE GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES
GdC - GLADSTONE GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES
GeD - GLADSTONE-PARKER GRAVELLY LOAMS, 15 TO 25 PERCENT SLOPES
Ha - HATBORO SILT LOAM
PaE - PARKER GRAVELLY LOAM, 25 TO 35 PERCENT SLOPES
PaF - PARKER GRAVELLY LOAM, 35 TO 60 PERCENT SLOPES
W - WATER

APPROXIMATE GRADING CONDITIONS AFTER
DEMOLITION/REGRADING PERFORMED BY
OTHERS PRIOR TO TRAIL EXTENSION PROJECT.

28'-6" CAST IRON
PIPE SLEEVE,
W/ 4' MIN COVER,
PLUGGED AT BOTH
ENDS (IF FIELD OR
CONSTRUCTION
CONDITIONS DIFFER,
SLEEVE CAN BE
ADJUSTED).
15-
SLO TRACE TAPE ABOVE
SLEEVE.



A scale bar consisting of a horizontal line divided into three equal segments by vertical tick marks. The left segment is shaded black, the middle segment is white, and the right segment is shaded black. Below the scale bar, the text 'SCALE: 1" - 30' is printed.

SCALE: 1 = 50

37340.01A

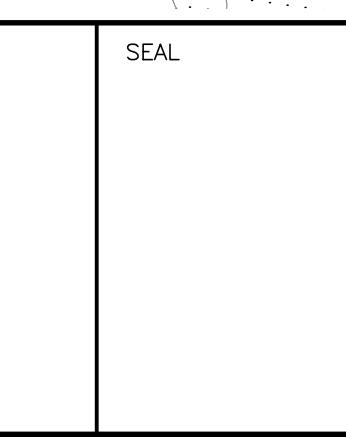
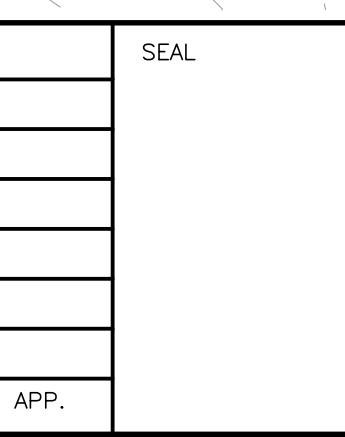
STREET NO.

7-01-19

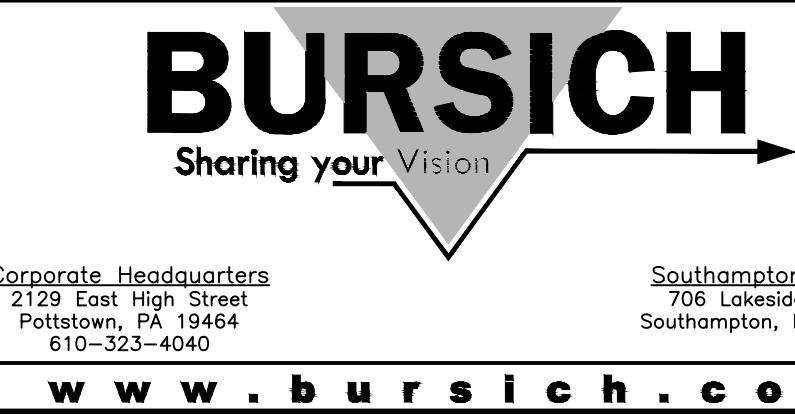
R137340-1

10 of 10

FOR ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES			
NO.	REVISION	DATE	BY
4.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 5/4/2023	5/17/23	AJ
3.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 4/18/2023	4/26/23	AJ
2.	REVISIONS PER GILMORE ASSOC. REVIEW DATED 2/3/2023	4/5/23	AJ
1.	REVISIONS PER OWNER AND TOWNSHIP CONSULTANTS REVIEWS	12/21/22	AJ



MANAGER
NE
DESIGN
KK
DRAFT
AJK
FILE
CHE-22
NOTES

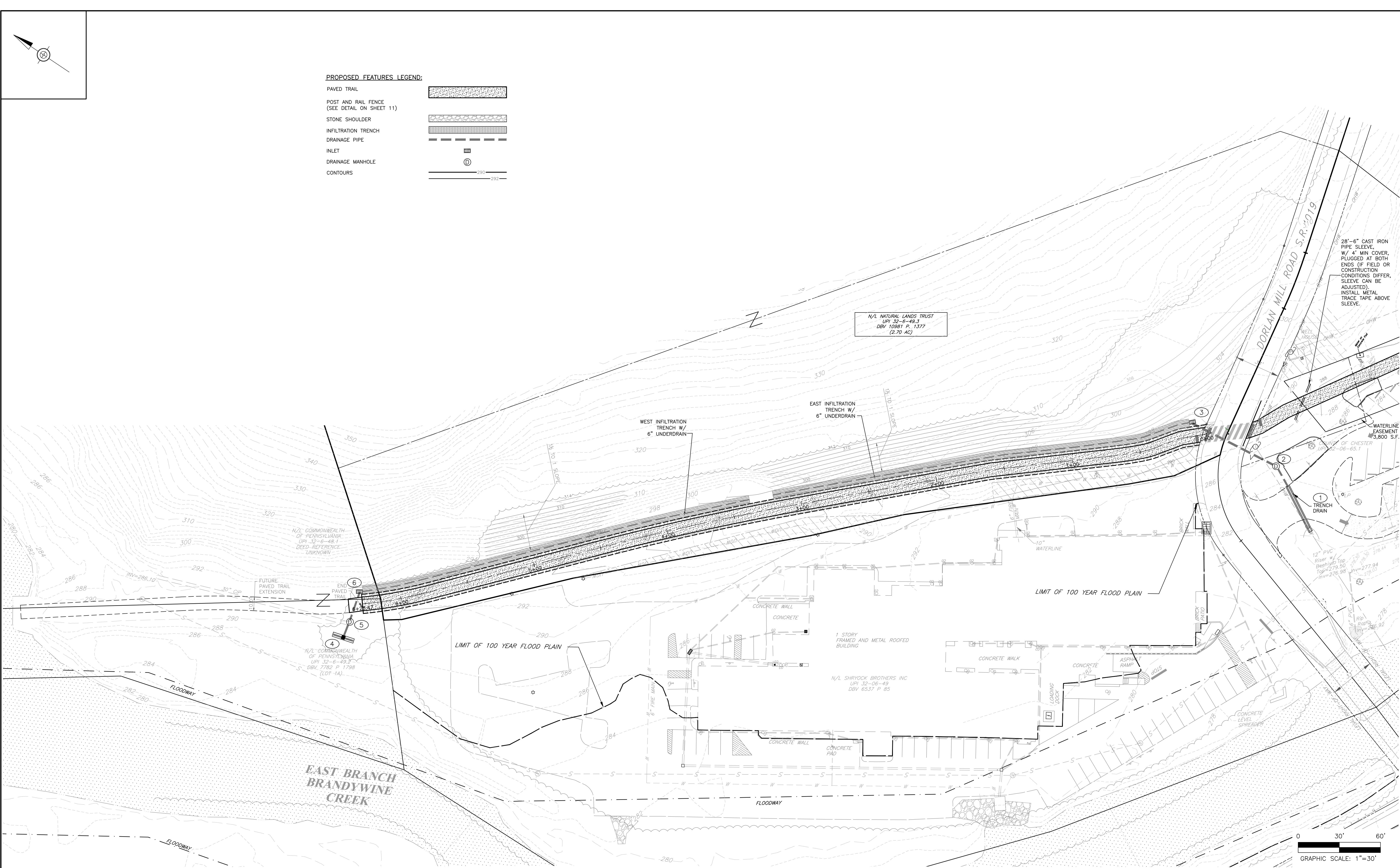


Corporate Headquarters

Southampton, C.

CLIENT
CHESTER COUNTY, DEPARTMENT OF FACILITIES
313 W. MARKET STREET
SUITE 5402
P.O. BOX 2748
WEST CHESTER, PA 19380

SUBJECT	
<u>GRADING PLAN</u>	
STRUBLE TRAIL EXTENSION II	
UPPER UWCHLAN TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA	



				SEAL	SEAL	MANAGER
						NEF _____
4.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 5/4/2023	5/17/23	AJK			DESIGN KK CHKD. BY
3.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 4/18/2023	4/26/23	AJK			DRAFT AJK CHKD. BY
2.	REVISIONS PER GILMORE ASSOC. REVIEW DATED 2/3/2023	4/5/23	AJK			FILE CHE-22 DATE MAY 1, 2019
1.	REVISIONS PER OWNER AND TOWNSHIP CONSULTANTS REVIEWS	12/21/22	AJK			NOTES SCALE 1"=30'
NO.	REVISION	DATE	BY	APP.		

		SEAL	SEAL	MANAGER
				NEF _____
4.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 5/4/2023			DESIGN KK CHKD. BY
3.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 4/18/2023			DRAFT AJK CHKD. BY
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BURSICH
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Corporate Headquarters
2129 East High Street
Pottstown, PA 19464
610-323-4044

Southampton Office
708 Lakeside Drive
Southampton, PA 18966

www.bursich.com

CLIENT
CHESTER COUNTY, DEPARTMENT OF FACILITIES
313 W. MARKET STREET
SUITE 5402
P.O. BOX 2748
WEST CHESTER, PA 19380

SUBJECT
UTILITY PLAN
STRUBLE TRAIL EXTENSION II
UPPER UWCHLAN TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA

JOB NO.
137340.01A

SHEET NO.
9 OF 19

DWG. NO.
UT137340-1A

PRELIMINARY / FINAL LAND DEVELOPMENT PLANS

STRUBLE TRAIL - EXTENSION II

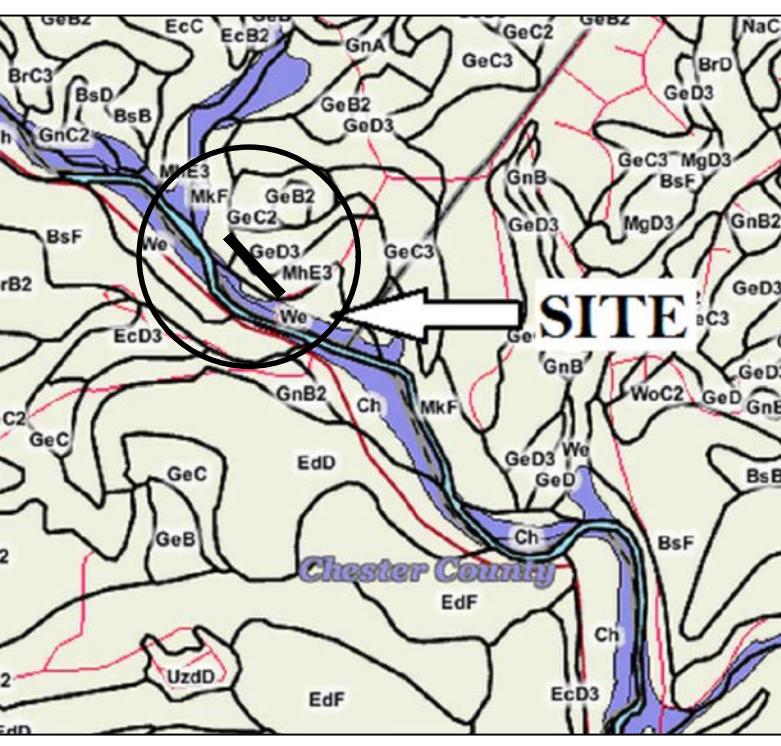
UPPER UWCHLAN TOWNSHIP - CHESTER COUNTY - PENNSYLVANIA

PREPARED FOR: CHESTER COUNTY, DEPARTMENT OF FACILITIES
 313 WEST MARKET STREET, SUITE 5402
 P.O. BOX 2748
 WEST CHESTER, PA 19380-0991

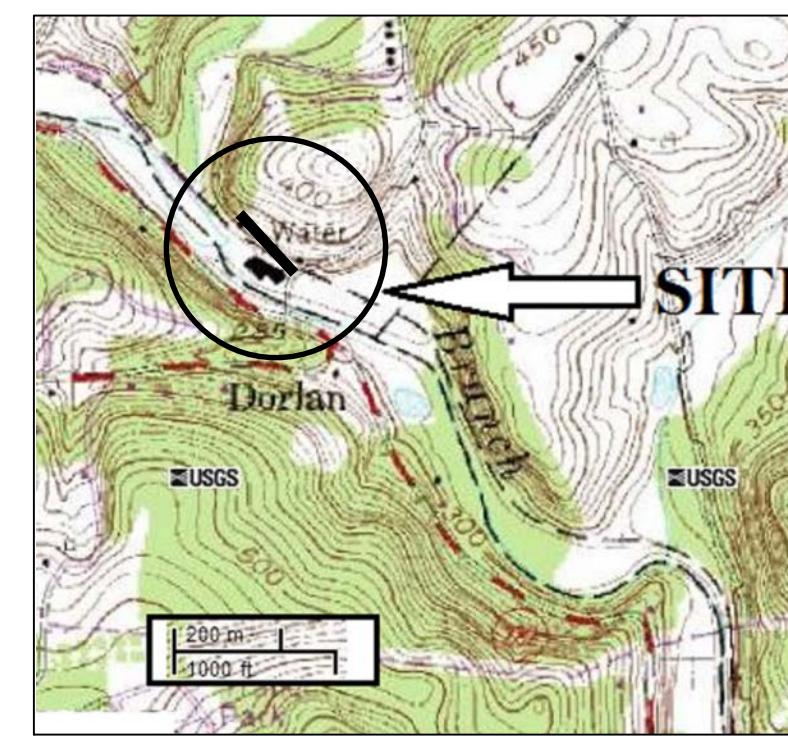
PREPARED BY: BURSICH ASSOCIATES, INC.
 2129 EAST HIGH STREET
 POTTSTOWN, PENNSYLVANIA 19464

MAY 1, 2019
 REVISED DECEMBER 21, 2022
 REVISED APRIL 5, 2023
 REVISED APRIL 26, 2023
 REVISED MAY 17, 2023

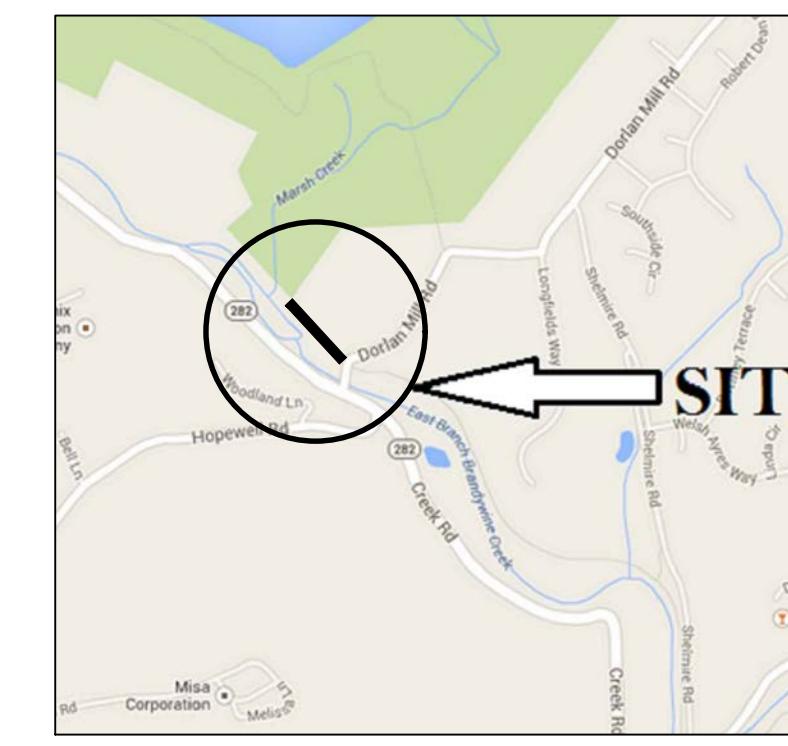
COMMONWEALTH OF PENNSYLVANIA
 COUNTY OF CHESTER
 ON THE _____ DAY OF _____, 20____, BEFORE ME, THE SUBSCRIBER, A NOTARY PUBLIC FOR THE
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 PERSONALLY APPEARED TO ME,
 AND THAT AS SUCH, BEING AUTHORIZED TO DO SO BY THE NATURAL LANDS TRUST, EXECUTED THE FOREGOING PLAN, AND THAT THEY DESIRE THAT THIS PLAN BE DULY RECORDED
 ACCORDING TO LAW.



SOILS MAP
 1"=1000'



USGS TOPO
 1"=1000'



LOCATION MAP
 1"=1000'

AUTHORIZED SIGNATURE _____
 NOTARY PUBLIC _____
 UPPER UWCHLAN TOWNSHIP PLANNING COMMISSION
 REVIEWED BY THE PLANNING COMMISSION OF UPPER UWCHLAN TWP., CHESTER CO., PA THIS
 DAY OF _____, 20____.
 CHAIRPERSON _____

UPPER UWCHLAN TOWNSHIP BOARD OF SUPERVISORS
 APPROVED BY THE BOARD OF SUPERVISORS OF UPPER UWCHLAN TWP., CHESTER CO., PA THIS
 DAY OF _____, 20____.
 CHAIRPERSON _____

TOWNSHIP ENGINEER REVIEW
 REVIEWED BY THE TOWNSHIP ENGINEER FOR UPPER UWCHLAN TOWNSHIP THIS _____ DAY OF
 20____.

CHESTER COUNTY PLANNING COMMISSION
 REVIEWED BY THE CHESTER COUNTY PLANNING COMMISSION THIS _____ DAY OF _____, 20____.

RECORDER OF DEEDS
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 _____ PAGE____, ON THE _____ DAY OF _____, 20____.
 RECORDER OF DEEDS _____

RECORDER OF DEEDS _____

ZONING DATA:
 ZONING DISTRICT: LIMITED INDUSTRIAL (L-I)
 FLOOD HAZARD OVERLAY DISTRICT
 PROPOSED USE: GOVERNMENT USE (EXTENSION OFSTRUBLE TRAIL)

SITE DATA:
 UPI 32-08-48.1, COMMONWEALTH OF PENNSYLVANIA, 3.1 ACRES.
 EASEMENT IN FAVOR OF COUNTY OF CHESTER FORSTRUBLE TRAIL DEVELOPMENT.
 20' WIDE TRAIL EASEMENT THROUGH PART OF UPI 32-6-49.3
 (NATURAL LANDS TRUST), BY DECLARATION OF TAKING FILED ON
 SEPTEMBER 22, 2010, 0.28 AC.

UPI 32-06-49.2, COMMONWEALTH OF PENNSYLVANIA, 1.22 ACRES.
 EASEMENT IN FAVOR OF COUNTY OF CHESTER FORSTRUBLE TRAIL DEVELOPMENT.
 UPI 32-06-65.1, COUNTY OF CHESTER, 2.3 ACRES
 UPI 32-06-66, COUNTY OF CHESTER, 0.55 ACRES

FLOODPLAIN NOTE:
 100 YEAR FLOODPLAIN PER FIRM FLOOD RATE INSURANCE MAP,
 CHESTER COUNTY, PENNSYLVANIA DOWNLOADED FROM FEMA ON
 AUGUST 28, 2018.

RECORD PLAN 1 OF 9

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 ALL REPORTS, DOCUMENTS, COMPUTER FILES, FIELD DATA, NOTES AND OTHER DOCUMENTS AND
 RIGHTS IN THIS DOCUMENT ARE THE PROPERTY OF BURSICH ASSOCIATES, INC. AND ARE
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 MODIFIED, WITHOUT THE WRITTEN CONSENT OF BURSICH ASSOCIATES, INC. THE USE
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 ASSOCIATES, INC. IS NOT RESPONSIBLE FOR ANY DAMAGE OR LOSS ARISING FROM THE USE OF THIS
 DOCUMENT.

LIST OF UTILITIES-RESPONSES

THE FOLLOWING COMPANIES WERE NOTIFIED BY THE PENNSYLVANIA
 ONE CALL SYSTEM (1-800-242-1776) AND REQUESTED TO MARK
 OUT UNDERGROUND FACILITIES AFFECTING THE SITE.
 THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON IS BASED
 UPON THE UTILITY COMPANIES RESPONSES TO THIS REQUEST.
 SERIAL No.: _____

AQUA PENNSYLVANIA INC (HS)
 CLEAR-NO FACILITIES.

BUCKEYE PARTNERS (IA)
 CLEAR-NO FACILITIES.

COMCAST CABLE COMMUNICATIONS INC (J2)
 CLEAR-NO FACILITIES.

PECO ENERGY (P)
 CLEAR-NO FACILITIES.

SUNOCO PIPELINE LP (SPJ)
 DESIGN CONFLICT

UPPER UWCHLAN TWP/UPPER UWCHLAN MUNICIPAL AUTHORITY (UT)
 CLEAR-NO FACILITIES.

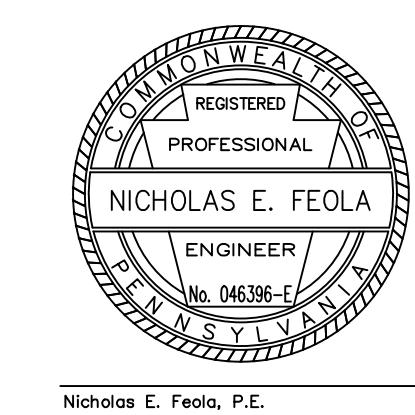
UWCHLAN TOWNSHIP MUNICIPAL AUTHORITY (UTMA)
 FACILITIES ON SITE

VERIZON PENNSYLVANIA LLC (Y)
 CLEAR-NO FACILITIES.

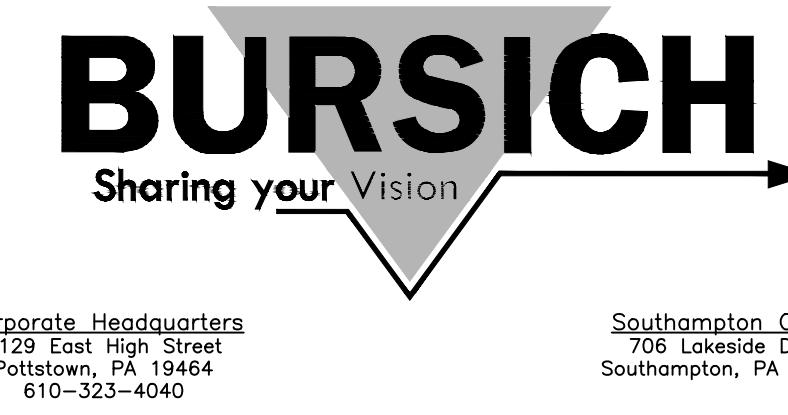
NOTE: SHRYOCK BROTHERS, INC. HAS EXISTING PRIVATE, UNMARKED
 WATER SERVICE LINE IN PROJECT VICINITY (SEE GENERAL
 NOTE #3 ON SHEET 2).



Stop - Call Before You Dig!
 Pennsylvania Act 181 (2007) requires
 notification by excavators, designers, or any
 person preparing to disturb the earth's
 surface anywhere in the commonwealth
 Pennsylvania One Call System, Inc.
 811 or 1-800-242-1776
 SERIAL # 20132890184



Nicholas E. Feola, P.E.



Corporate Headquarters
 2129 East High Street
 Pottstown, PA 19464
 610-323-4040

Southampton Office
 706 Lakeside Drive
 Southampton, PA 18966

www.bursich.com

PURPOSE OF PLAN NOTE:

THE PURPOSE OF THIS PLAN IS TO EXTEND THE STRUBLE TRAIL TO THE LANDS OF THE COMMONWEALTH OF PENNSYLVANIA. THE CHESTER COUNTY, DEPARTMENT OF FACILITIES PROPOSES TO EXTEND THE TRAIL FROM DORLAN MILL ROAD APPROXIMATELY 650 FEET TO THE NORTH. THIS SECTION OF TRAIL IS NOT LOCATED IN THE 100 YEAR FLOODPLAIN FOR EAST BRANCH OF THE BRANDYWINE CREEK OR MARSH CREEK.

GENERAL NOTES

1. SITE AREA:
THE PROJECT AREA CONSISTS OF A TRAIL EASEMENT THROUGH PARCEL 32-6-49.3 OWNED BY NATURAL LANDS TRUST AND EXTENDING INTO THE LANDS OF THE COMMONWEALTH OF PENNSYLVANIA, PARCELS 32-6-48.1 AND 32-6-49.2. PARCEL 32-6-49.2 IS EASED IN FAVOR OF CHESTER COUNTY AND DEED RESTRICTED FROM DEVELOPMENT OTHER THAN IMPROVEMENTS THAT SHALL BE PROPOSED AS EXTENSION OR EXPANSION OF THE "STRUBLE TRAIL", PER THE FINAL MINOR SUBDIVISION PLAN OF LANDS N/L SHRYOCK BROTHERS, INC, SHEETS 1-2 OF 2, DB 7782,
PG. 1798.
2. ANYONE USING THIS DRAWING FOR CONSTRUCTION IS ADVISED TO CALL 1-800-242-1776 FOR UNDERGROUND UTILITIES PRIOR TO EXCAVATION IN ACCORDANCE WITH PENNSYLVANIA ACT NO. 37
3. ALL UTILITIES ARE SHOWN PER VISIBLE FIELD SURFACE INVESTIGATIONS, PLANS BY OTHERS, AND PLANS FROM UTILITY COMPANIES ACCRUED THROUGH A PA ONE CALL DESIGN NOTIFICATION, SERIAL NUMBER 20132890184.

SHRYOCK BROTHERS, INC. (SHRYOCK) HAS AN EXISTING, UNMARKED PRIVATE WATER SERVICE LINE IN THE PROJECT VICINITY. THE SERVICE RUNS IN GENERAL FROM THE EXISTING WELL HOUSE ON THE EAST SIDE OF DORLAN MILL ROAD TO THEIR EXISTING BUILDING ON UPI 32-06-49. SHRYOCK HAS INDICATED THE SERVICE IS 2" POLY (INCLUDING 100'+/- OF 10" C900DR18PVCJ). THIS SERVICE LINE WAS LOCATED BY GROUND PENETRATING RADAR SYSTEMS, INC. (GPSR) ON MARCH 15, 2022 AND PLOTTED BY BURSICH ASSOCIATES, INC. CONTRACTOR SHALL FIELD LOCATE/MARK OUT THIS WATER SERVICE PRIOR TO CONSTRUCTION AND TAKE APPROPRIATE PRECAUTIONS TO PROTECT DURING CONSTRUCTION.

4. SOILS SHOWN ARE TAKEN FROM UNITED STATES DEPARTMENT OF AGRICULTURE SOILS SURVEY WEBSITE.
5. A HIGHWAY OCCUPANCY PERMIT IS REQUIRED PURSUANT TO SECTION 420 OF THE ACT OF JUNE 1, 1945 (P.L. 1242, NO. 428) KNOWN AS THE "STATE HIGHWAY LAW" BEFORE DRIVEWAY ACCESS TO A STATE HIGHWAY IS PERMITTED. PERMIT W-6256-03 FROM THE PA DEPARTMENT OF TRANSPORTATION FOR THE INSTALLATION OF THE TRAIL CROSSING OF DORLAN MILL ROAD WITH FLASHING WARNING DEVICES WAS ISSUED ON AUGUST 3, 2017.

CONSTRUCTION AND DETAIL NO.

1. ALL STORM SEWER, PAVEMENT, GRADING AND OTHER RELATED SITE CONSTRUCTION TO BE COMPLETED IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE TOWNSHIP OF UPPER UWCHLAN AND THE COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT OF TRANSPORTATION, PUBLICATION 408, LATEST REVISION.
2. CONTRACTOR IS SOLELY RESPONSIBLE FOR DISPOSAL OF ALL EXCESS AND WASTE MATERIALS IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REGULATIONS.
3. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL STATE AND/OR LOCAL REGULATIONS RELATING TO EXCAVATION AND DEMOLITION WORK IN THE VICINITY OF UNDERGROUND UTILITIES.
4. WORK SHALL BE IN ACCORDANCE WITH PENNDOT PUBLICATION 408, APRIL 2011, LATEST REVISION.
5. TRAFFIC CONTROL PAVEMENT MARKINGS AND SIGNING STANDARDS (TC-8600 AND TC-8700 SERIES), PUB 111M MAY 2007, LATEST REVISION.
6. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, US DEPARTMENT OF TRANSPORTATION, FHWA, 2009.
7. WORK ZONE TRAFFIC CONTROL GUIDELINES, PUBLICATION 213, APRIL 2010 (67 PA CODE, CHAPTER 212).
8. STANDARDS FOR ROADWAY CONSTRUCTION (SERIES RC 1M TO 100M), PENNDOT PUBLICATION 72M, JUNE 2010 OR AS AMENDED.
9. OFFICIAL TRAFFIC CONTROL DEVICES, PUBLICATION 212, MARCH 2006.
10. DETAILS OTHER THAN THOSE INDICATED HEREIN, ARE SHOWN ON THE FOLLOWING STANDARD PENNDOT DRAWINGS (PUBLICATION 72M):

CLASSIFICATION OF EARTHWORK	RC-10M
PAY LIMIT OF SUBBASE	RC-13M
PIPE EXCAVATION, BEDDING & BACKFILL	RC-30M
CURBS AND GUTTERS	RC-64M
CURB RAMPS AND SIDEWALKS	RC-67M
PERIMETER CONTROL DEVICES	RC-70M
INLET AND OUTLET PROTECTION	RC-72M
CHANNEL AND SLOPE PROTECTION	RC-73M
DEWATERING DEVICES	RC-75M
ROCK CONSTRUCTION ENTRANCE	RC-77M
PAVEMENT MARKINGS	TC-8600
POST MOUNTED SIGNS, TYPE B	TC-8702B
11. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY DAMAGE CAUSED BY CONSTRUCTION TO THE EXISTING PAVED PORTION OF THE STRUBLE TRAIL. REPAIR TO BE COMPLETED AT NO ADDITIONAL COST TO THE COUNTY.
12. ALL PROPOSED PEDESTRIAN FACILITIES REFLECTED ON THESE PLANS SHALL BE CONSTRUCTED TO COMPLY WITH THE FOLLOWING STANDARDS:
 - 12.1. PENNDOT DESIGN MANUAL 2, CHAPTER 6.
 - 12.2. PENNDOT STANDARDS FOR ROADWAY CONSTRUCTION, PUBLICATION 72M, RC-67M.
 - 12.3. U.S. ACCESS BOARD, ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG) AND ALL APPLICABLE US ACCESS BOARD STANDARDS AND GUIDELINES IN PLACE AT THE TIME OF CONSTRUCTION.

CONSTRUCTION NOTES

1. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATION, INCLUDING THE NOTES CONTAINED THEREON, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FOR SUCH DEVIATIONS FROM THE OWNER AND ENGINEER, IT SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE. ALL FINES OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND IT SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS TO CONNECT ANY SUCH WORK AND FROM ALL SUCH FINES AND PENALTIES, COMPENSATION AND PUNITIVE DAMAGES AND COSTS OF ANY NATURE RESULTING THEREFROM.
2. FEATURES TO BE REMOVED ARE NOTED ON THE EXISTING FEATURES PLAN, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS BY ALL OF THE PERMITTING AUTHORITIES.
3. THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR ANY/ALL CERTIFICATIONS, INSPECTIONS, ETC. REQUIRED BY ALL GOVERNING JURISDICTIONAL AGENCIES DURING AND AFTER CONSTRUCTION FOR SIGN-OFF AND CERTIFICATE OF OCCUPANCY ISSUANCE, INCLUDING BUT NOT LIMITED TO PROCUREMENT OF SERVICES, SCHEDULING OF FIELD OBSERVATIONS, AND COORDINATION WITH REPRESENTATIVES OF THE APPROPRIATE PARTIES. CONTRACTOR IS RESPONSIBLE TO COORDINATE CERTIFICATIONS, SIGN-OFFS, ETC. NECESSARY FOR JOB CLOSE-OUT AND ISSUANCE OF CERTIFICATE OF OCCUPANCY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, REFERENCED DOCUMENTS, AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
4. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATIONS HAVE NOT BEEN PROVIDED.
5. THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT STRUCTURE. ETC. TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES AS NECESSARY TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT TO REMAIN AND PROVIDE A SAFE WORK AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ANY SIGNAL INTERCONNECT CABLE, CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEM DURING CONSTRUCTION SUCH AS BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS ETC. REPAIR SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ALL EXISTING DAMAGES OF THE SITE PRIOR TO CONSTRUCTION.
7. ALL CONCRETE SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS INDICATED IN SPECIFICATIONS AND REFERENCED DOCUMENTS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS.
8. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS FOR COMPLETION OF THE WORK DEPICTED ON THESE PLANS NOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND NOTIFICATION OF OWNER AND DESIGN ENGINEER OF RECORD WHEN A CONFLICT IS IDENTIFIED.
9. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SAFETY NOR HAS HE OR SHE BEEN RETAINED FOR SUCH PURPOSES.
10. SIGNAGE AND STRIPING FOR THIS PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH PENNDOT AND THE TOWNSHIPS REQUIREMENTS.
11. ALL CONTRACTORS MUST CARRY STATUTORY WORKERS COMPENSATION, EMPLOYERS LIABILITY INSURANCE, AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME CHESTER COUNTY AND IT'S CONSULTANT(S) AS ADDITIONAL INSURED AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO ENSURE THE HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH CHESTER COUNTY WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS CHESTER COUNTY AND ITS SUB CONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.
12. ALL STORM SEWER, PAVEMENT, GRADING AND OTHER RELATED SITE CONSTRUCTION TO BE COMPLETED IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE TOWNSHIP OF UPPER UWCHLAN AND THE COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION PUBLICATION 408, LATEST VERSION.
13. ALL SHEETING AND SHORING FOR EXCAVATION SHALL MEET OSHA SAFETY STANDARDS. CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO ADEQUATELY BRACE, SUPPORT, PROTECT ANY AND ALL EXCAVATION, STRUCTURE OR BUILDING THROUGHOUT CONSTRUCTION UNTIL IT IS COMPLETE IN ITS FINISHED STATE. COSTS FOR DAMAGES TO ANY STRUCTURE OR EXCAVATION DUE TO IMPROPER BRACING OR PROTECTION SHALL BE SOLELY BORNE BY THE CONTRACTOR.
14. CONTRACTOR SHALL SECURE HIS WORK (BEFORE HE LEAVES THE SITE UNATTENDED) ON A DAILY BASIS AND SHALL FILL OR PLATE ALL EXCAVATION AND PROVIDE BARRICADES AND WARNING SIGNS AROUND ALL STRUCTURES BEING ERECTED.
15. CONTRACTOR IS SOLELY RESPONSIBLE FOR DISPOSAL OF ALL EXCESS AND WASTE MATERIALS IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REGULATIONS.
16. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF ALL STATE AND/OR LOCAL ONE CALL REGULATIONS RELATING TO EXCAVATION AND DEMOLITION WORK IN THE VICINITY OF UNDERGROUND UTILITIES.
17. UPON COMPLETION OF OTHER CONSTRUCTION, THE ENTIRE AMOUNT OF TOPSOIL STRIPPED SHALL BE REPLACED ON THE SITE (IF POSSIBLE). NO TOPSOIL SHALL BE DISPOSED OF, BY SALE OR OTHERWISE, OFF THE SITE OF CONSTRUCTION WITHOUT TOWNSHIP APPROVAL.

DEDICATION NOTE:

NO IMPROVEMENTS AT THE SITE ARE BEING OFFERED FOR DEDICATION TO THE TOWNSHIP

BRANDYWINE CREEK HQ-TSF, MF WATERSHED NOTE

BRANDYWINE CREEK IS HIGH QUALITY TROUT STOCKING, MIGRATORY FISHES (HQ-TSF, MF) AS LISTED BY THE PADEP CHAPTER 93 STREAM DESIGNATION LIST.

EXISTING SOIL TYPES:

GeD—CLADSTONE—PARKER GRAVELLY LOAM, 15–25% SLOPES, WELL DRAINED, 80" TO WATER TABLE
Ha—HATBORO SILT LOAM, POORLY DRAINED, 0–6" TO WATER TABLE
DUE DRAINS, 0.14" OF 75% SLOPES, EXCLUSIVELY DRAINED, 20" TO WATER TABLE

WETLANDS

WETLANDS.
WETLANDS WERE NOT EVALUATED SINCE THE SOILS IN THE AREA OF THE TRAIL CONSTRUCTION ARE WELL DRAINED WITH A WATER TABLE AT 80 INCHES.

STEERED SLOPES

2,269 SF OF 15–25% PRECAUTIONARY STEEP SLOPES ARE WITHIN THE TRAIL EASEMENT AND WILL BE DISTURBED NORTH OF DORLAN MILL ROAD AND 2,800 SF OF 15–25% PRECAUTIONARY STEEP SLOPES WILL BE DISTURBED SOUTH OF DORLAN MILL ROAD.

11,120 SF OF +25% PRO
NORTH OF DORLAN MILL

ZONING ORDINANCE SECTION 200-107.D(2)(a) LISTS PASSIVE RECREATION (DEFINED TO INCLUDE HIKING AND BIKING) AS A PERMITTED USE IN PROHIBITIVE SLOPES AND SECTION 200-107.D(3)(a)[1] LISTS PASSIVE RECREATION AS A PERMITTED USE IN PRECAUTIONARY SLOPES.

SURVEY NOTES

1. SITE INFORMATION:

ZONING: LI – LIMITED INDUSTRIAL DISTRICT
TAX PARCELS: #32-6-48.1, #32-6-49.3, #32-6-49.2, #32-6-65.1, AND #32-6-66
2. THIS DRAWING REFERENCES THE FOLLOWING PLANS BY:

LAKE ROEDER HILLARD & BEERS
ENTITLED: STRUBLE TRAIL, BOUNDARY SURVEY, CHESTER COUNTY PARKS & RECREATION DEPARTMENT
DATED: SEPTEMBER 2, 2013

BENCH MARK LOCATION
PROJECT BENCH MARK: EXISTING SANITARY MANHOLE RIM 147' EAST OF DORLAN MILL ROAD 4' SOUTH OF EXISTING GRAVEL TRAIL. RIM ELEVATION = 282.57' DATUM SHIFT TO NGVD 29 -0.66'. NGVD 29 ELEVATION OF MANHOLE = 282.91'. PER GPS OBSERVATION AND OPUS SOLUTION, CONVERTED TO NGVD 29 USING VERTCON.

RECORD PLAN 2 OF

RECORD PLAN 2 OF 4				
FOR ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES				
NO.	REVISION	DATE	BY	APP.
4.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 5/4/2023	5/17/23	AJK	
3.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 4/18/2023	4/26/23	AJK	
2.	REVISIONS PER GILMORE ASSOC. REVIEW DATED 2/3/2023	4/5/23	AJK	
1.	REVISIONS PER OWNER AND TOWNSHIP CONSULTANTS REVIEWS	12/21/22	AJK	



STRUBLE TRAIL
EXTENSION II

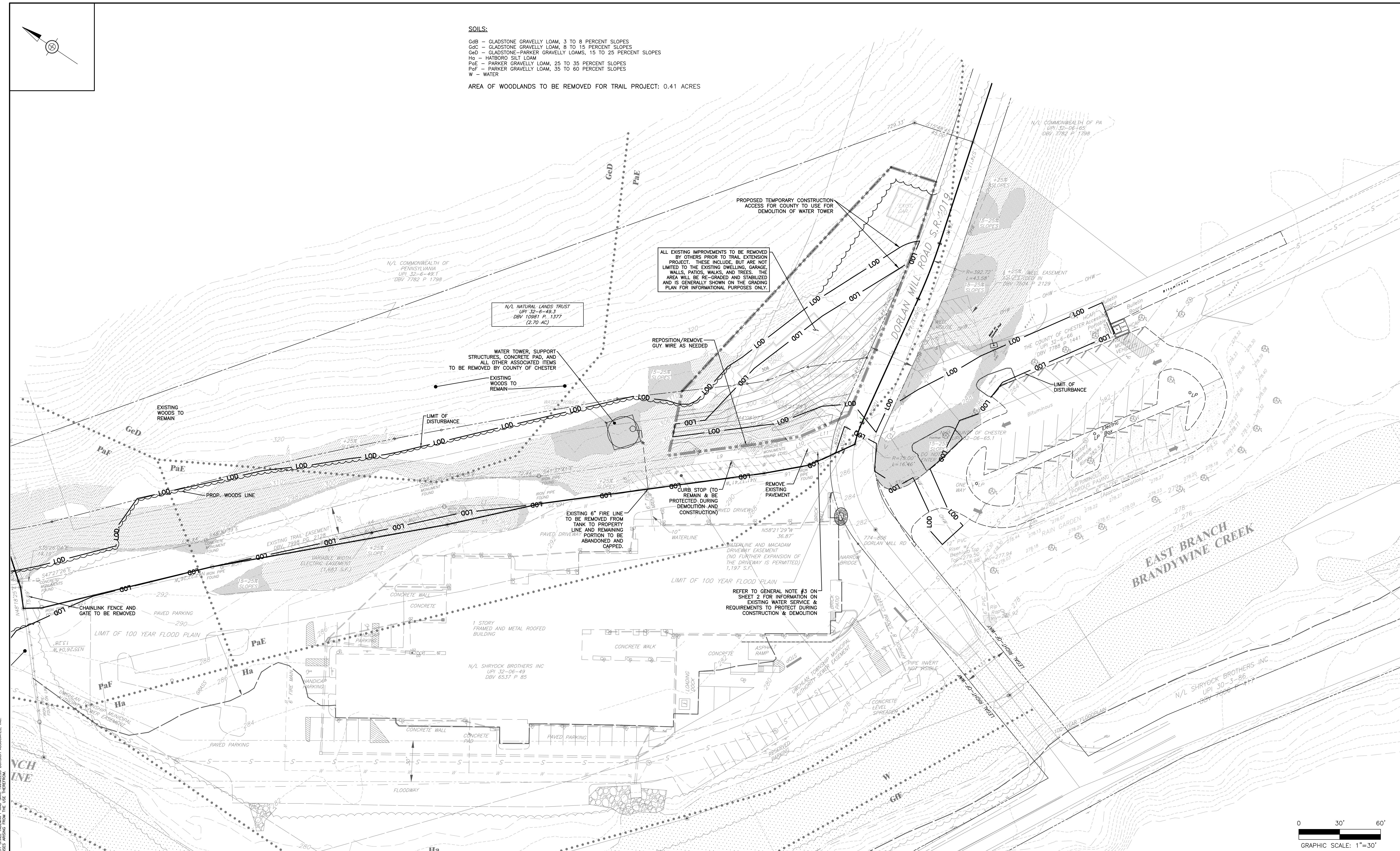
Corporate Headquarters
2129 East High Street
Pottstown, PA 19464
610-323-4040

Southampton Office
76 Lakeside Drive
Southampton, PA 18966

UPPER JEWELL TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA

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SEAL	SEAL	MANAGER NEF _____	CLIENT	SUBJECT	JOB NO. 137340.01A
		DESIGN KK	GENERAL NOTES RECORD PLAN 2 OF 9		SHEET NO. 2 OF 19
		DRAFT AJK	CHKD. BY		WVG. NO.
		FILE CHE-22	DATE MAY 1, 2019		GN 137340-1
		NOTES	SCALE		



			SEAL	SEAL	MANAGER NEF	
4.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 5/4/2023	5/17/23	AJK		DESIGN KK	CHKD. BY
3.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 4/18/2023	4/26/23	AJK		DRAFT AJK	CHKD. BY
2.	REVISIONS PER GILMORE ASSOC. REVIEW DATED 2/3/2023	4/5/23	AJK		FILE CHE-22	DATE MAY 1, 2019
1.	REVISIONS PER OWNER AND TOWNSHIP CONSULTANTS REVIEWS	12/21/22	AJK		NOTES	SCALE 1"=30'
NO.	REVISION	DATE	BY	APP.		

SEAL	SEAL

MANAGER NEF	
DESIGN KK	CHKD. BY
DRAFT AJK	CHKD. BY
FILE CHE-22	DATE MAY 1, 2019
NOTES	SCALE 1"=30'

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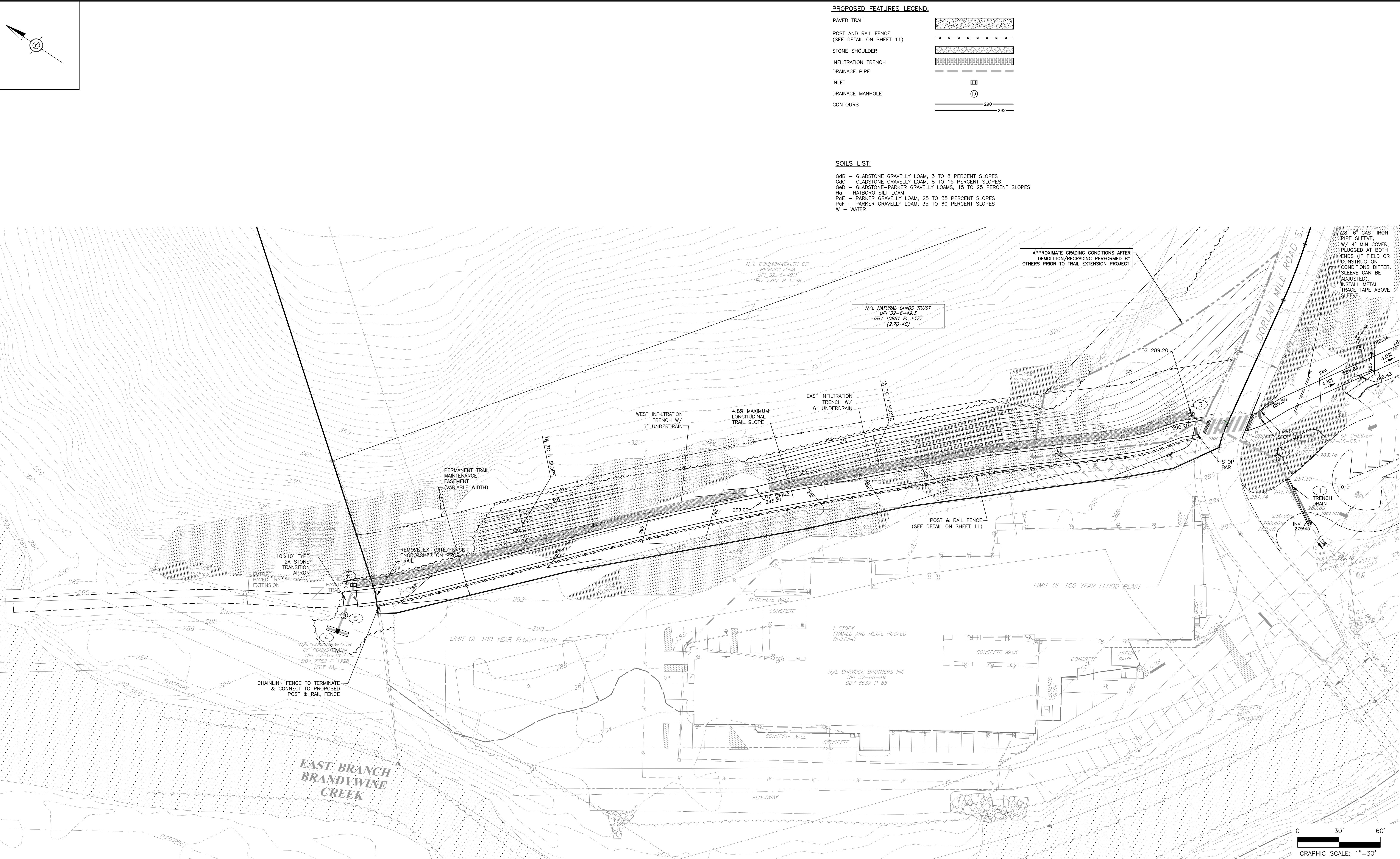
CLIENT
CHESTER COUNTY, DEPARTMENT OF FACILITIES
313 W. MARKET STREET
SUITE 5402
P.O. BOX 2748
WEST CHESTER, PA 19380

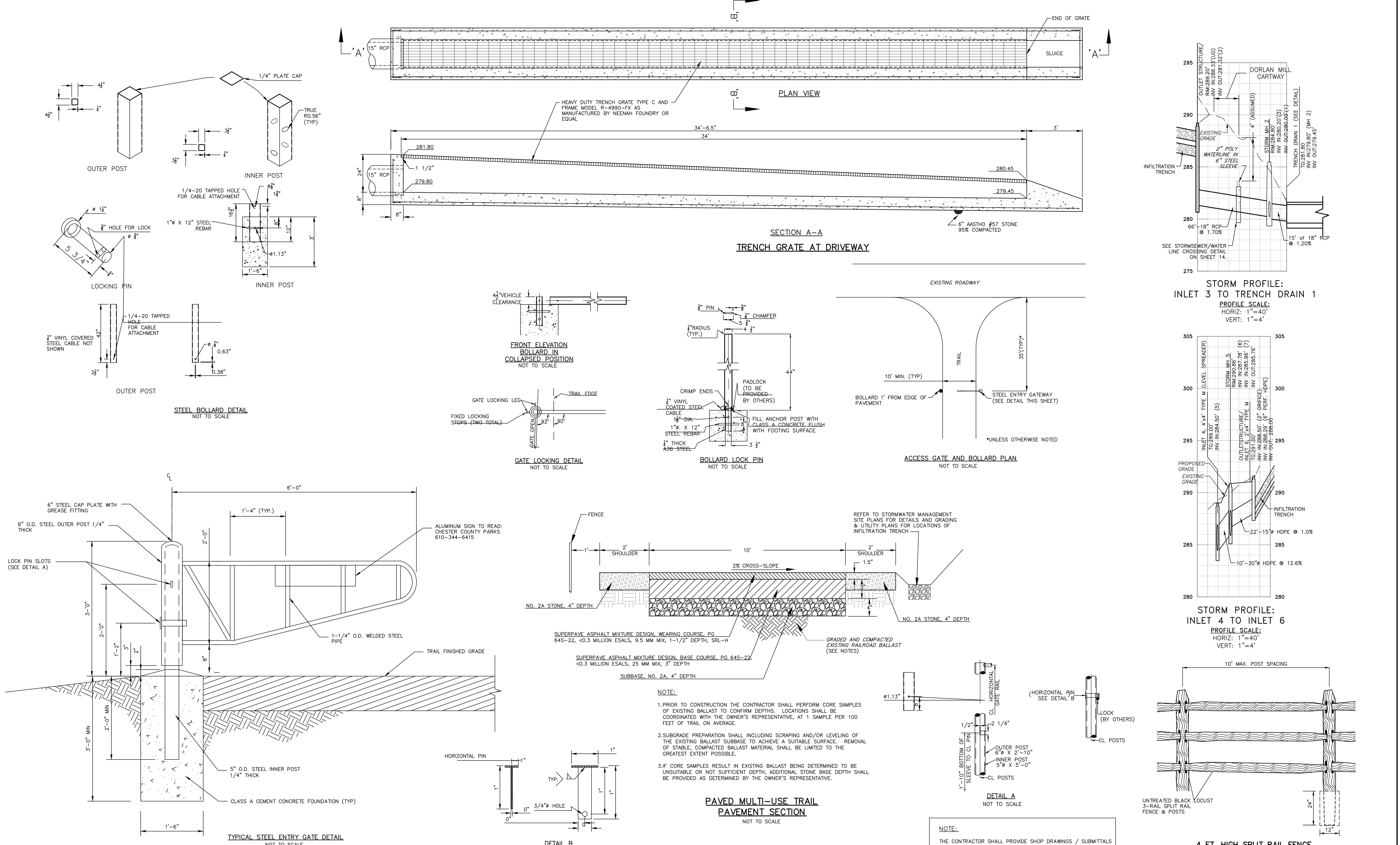
SUBJECT
EXISTING FEATURES/SITE ANALYSIS AND IMPACT PLAN
STRUBLE TRAIL EXTENSION II
UPPER UWCHLAN TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA

JOB NO.
137340.01A

SHEET NO.
6 OF 19

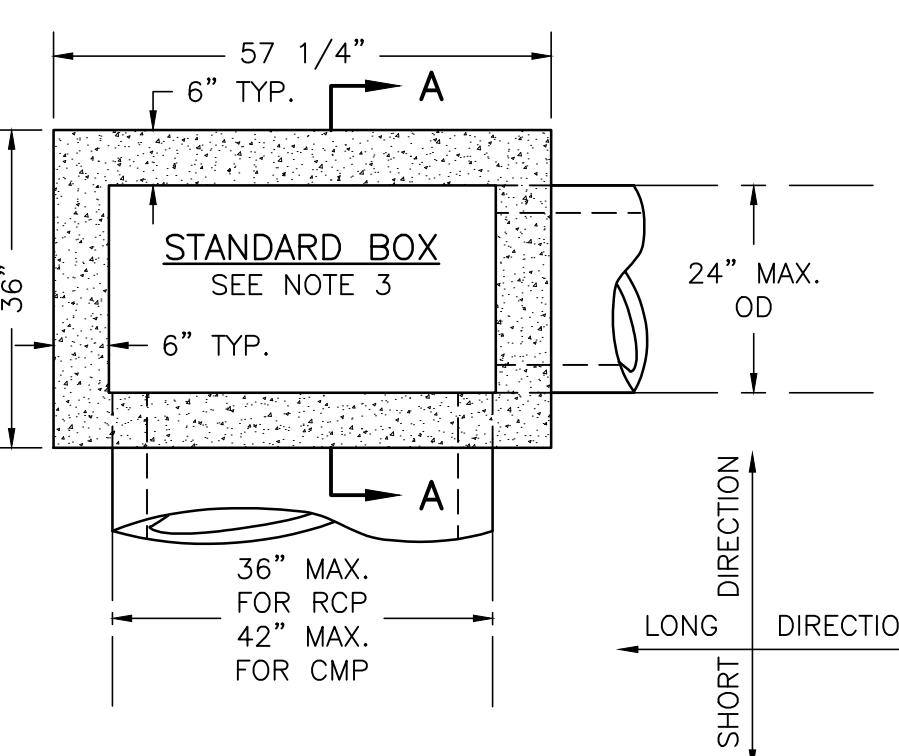
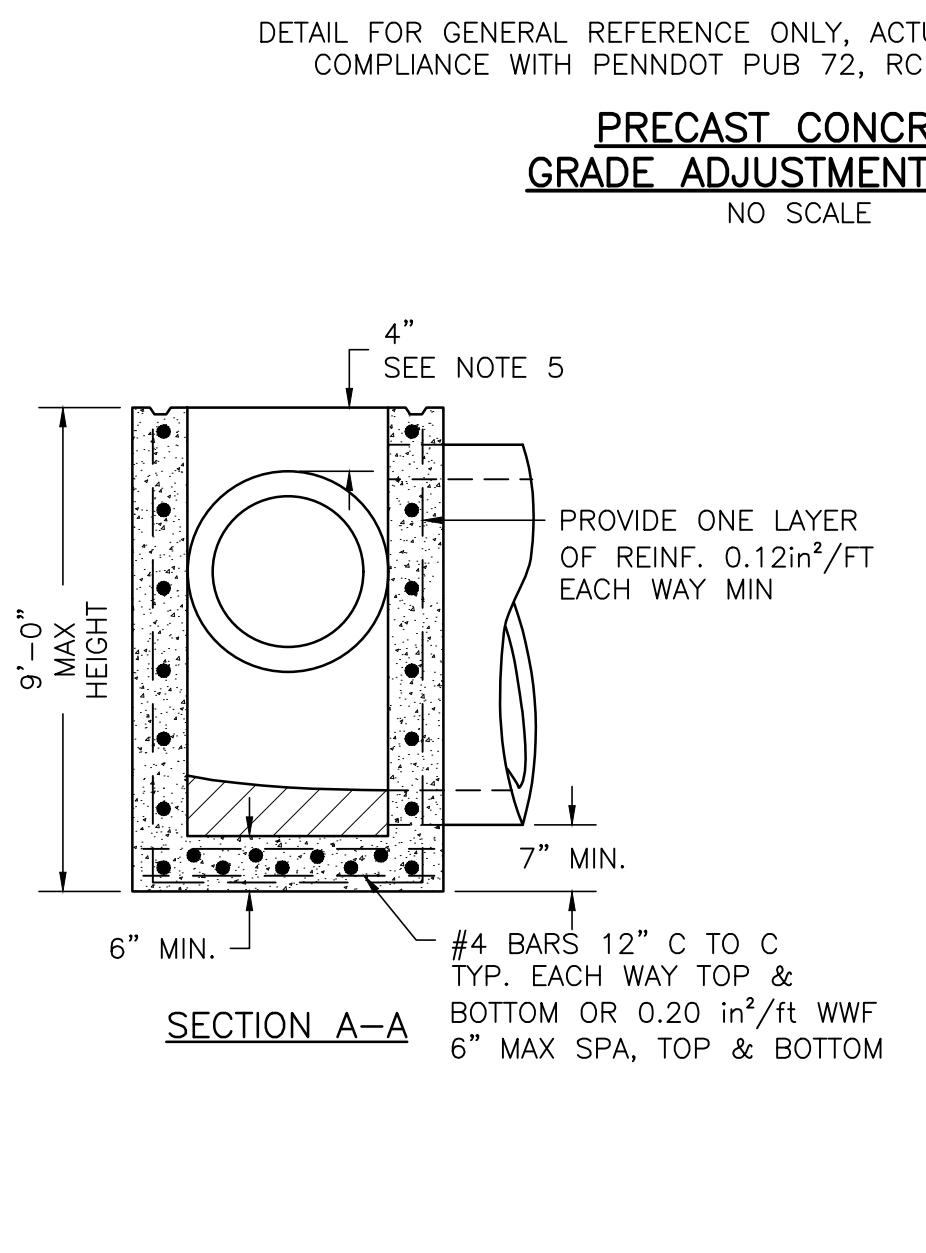
DWG. NO.
EF237340-1A





NO.	REVISIONS PER OWNER AND TOWNSHIP CONSULTANTS REVIEWS	REVISION	DATE	BY	APP.
4.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 5/4/2023		5/17/23	AJK	
3.	REVISIONS PER GILMORE ASSOC. COMMENTS DATED 4/18/2023		4/26/23	AJK	
2.	REVISIONS PER GILMORE ASSOC. REVIEW DATED 2/3/2023		4/5/23	AJK	
1.	REVISIONS PER GILMORE ASSOC. REVIEW DATED 2/3/2023		12/21/22	AJK	

SEAL	SEAL	MANAGER NEF _____ DESIGN KK CHKD. BY DRAFT AJK CHKD. BY FILE CHE-22 DATE MAY 1, 2019 NOTES _____ SCALe _____	CLIENT CHESTER COUNTY, DEPARTMENT OF FACILITIES 313 W. MARKET STREET SUITE 5402 P.O. BOX 2748 WEST CHESTER, PA 19380 Corporate Headquarters 2129 East High Street Pottstown, PA 19464 610-323-4040 Southampton Office 708 Lakeside Drive Southampton, PA 18966 www.bursich.com	SUBJECT CONSTRUCTION DETAILS STRUBLE TRAIL EXTENSION II UPPER UWCHLAN TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA	JOB NO. 137340.01A SHEET NO. 11 OF 19 DWG. NO. CD337340-1A
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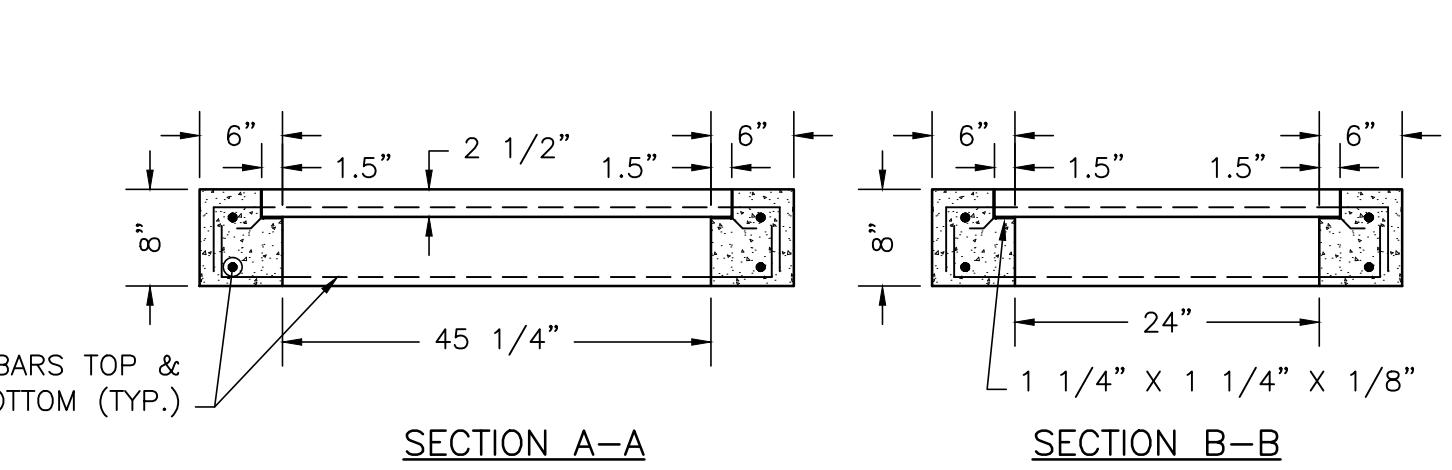
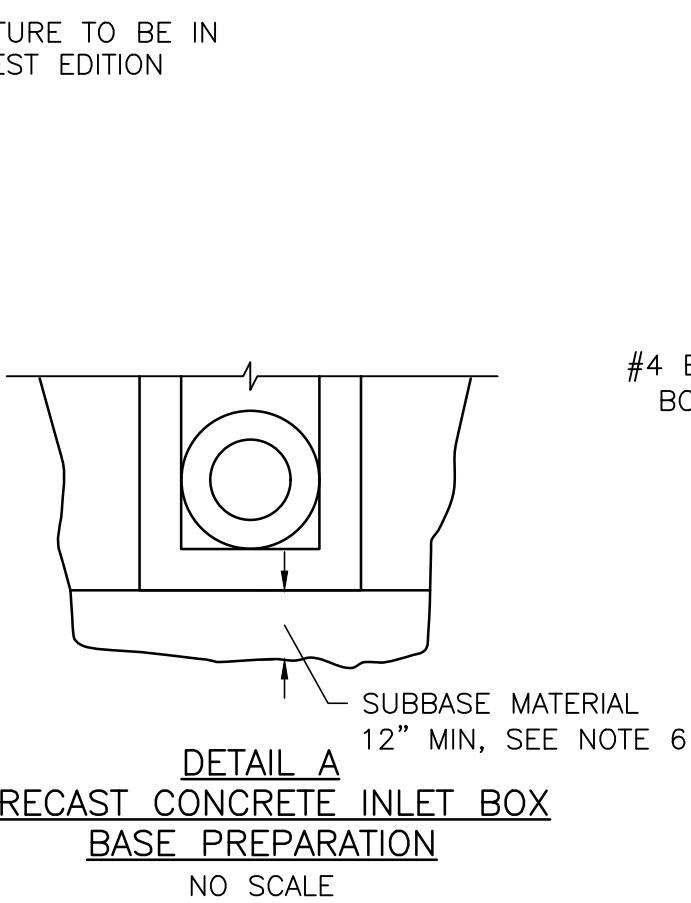


DETAIL FOR GENERAL REFERENCE ONLY, ACTUAL STRUCTURE TO BE IN COMPLIANCE WITH PENNDOT PUB 72, RC-45M, LATEST EDITION

STANDARD PRECAST INLET BOX
NO SCALE

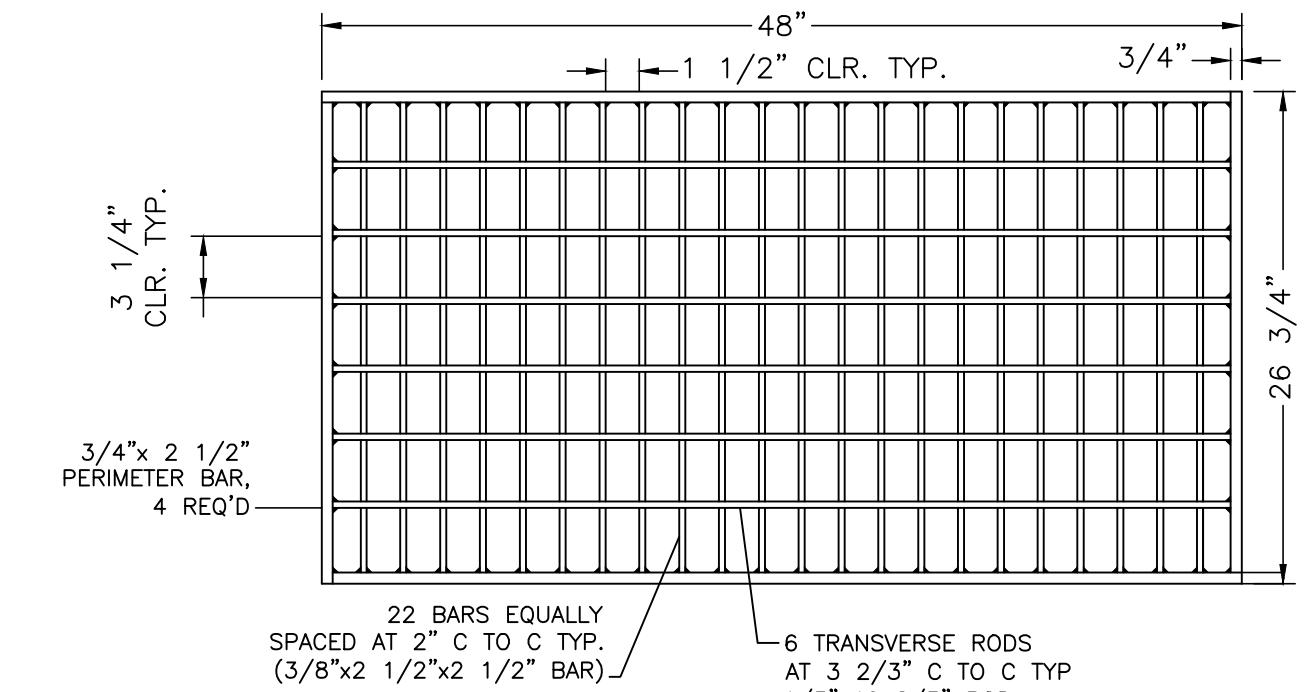
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PRECAST CONCRETE GRADE ADJUSTMENT RINGS
NO SCALE



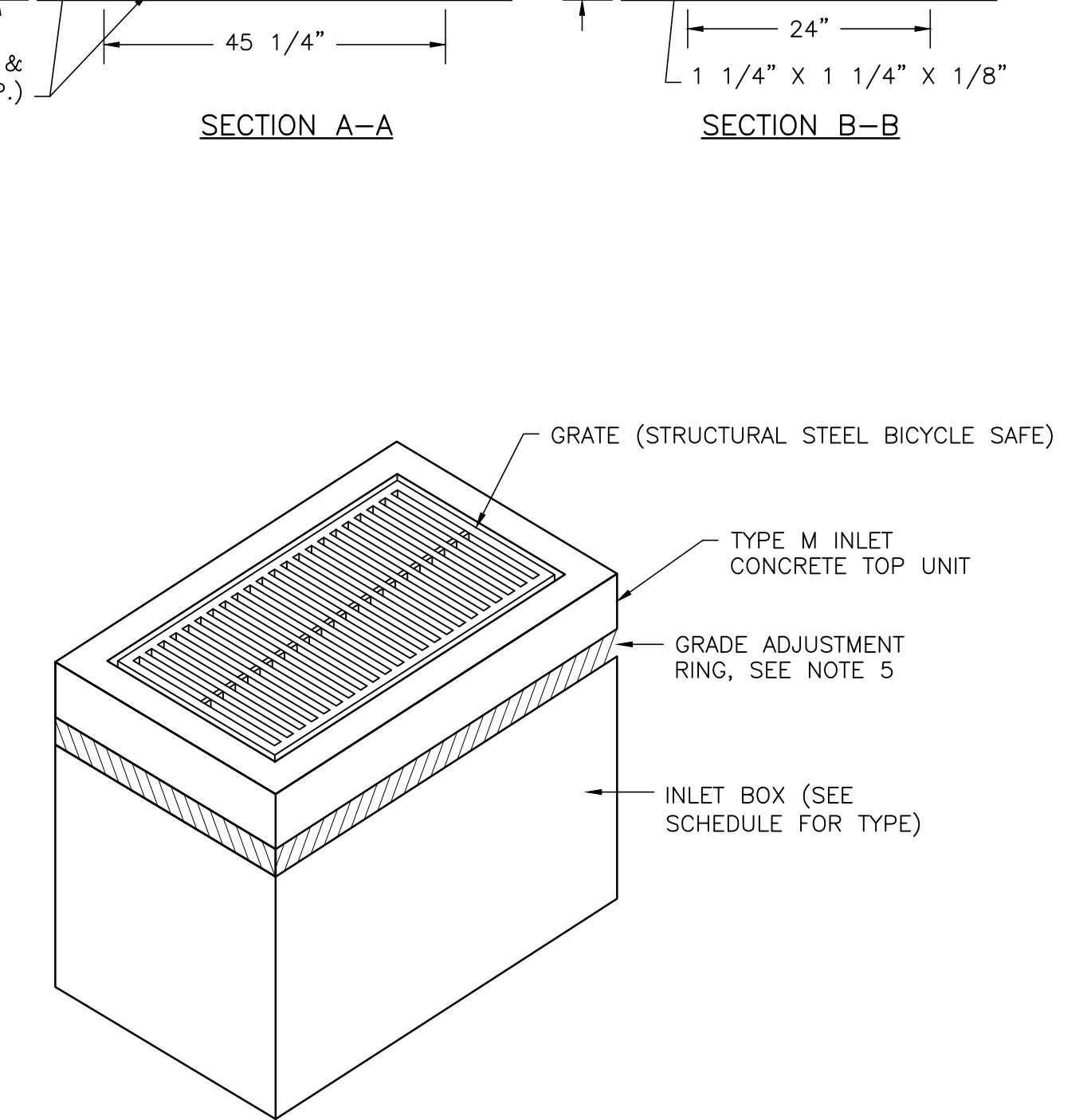
SECTION A-A **SECTION B-B**

STRUCTURAL STEEL GRATE BICYCLE SAFE
NO SCALE



PENNDOT TYPE M INLET TOP DETAIL
NO SCALE

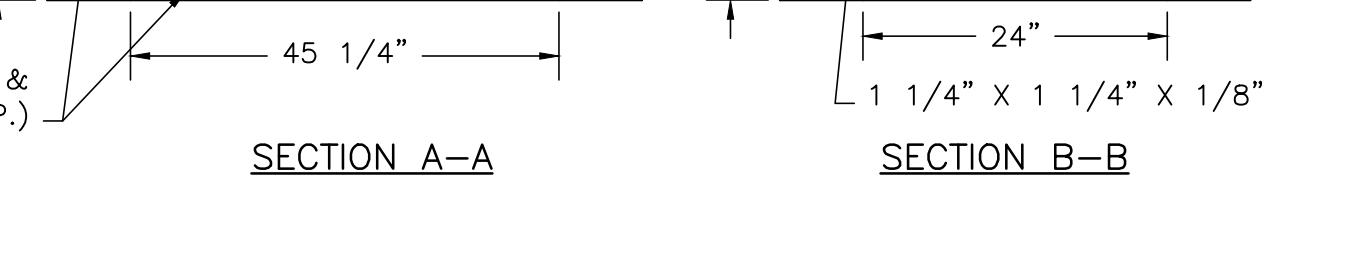
DETAIL FOR GENERAL REFERENCE ONLY, ACTUAL STRUCTURE TO BE IN COMPLIANCE WITH PENNDOT PUB 72, RC-45M, LATEST EDITION



DETAIL FOR GENERAL REFERENCE ONLY, ACTUAL STRUCTURE TO BE IN COMPLIANCE WITH PENNDOT PUB 72, RC-45M, LATEST EDITION

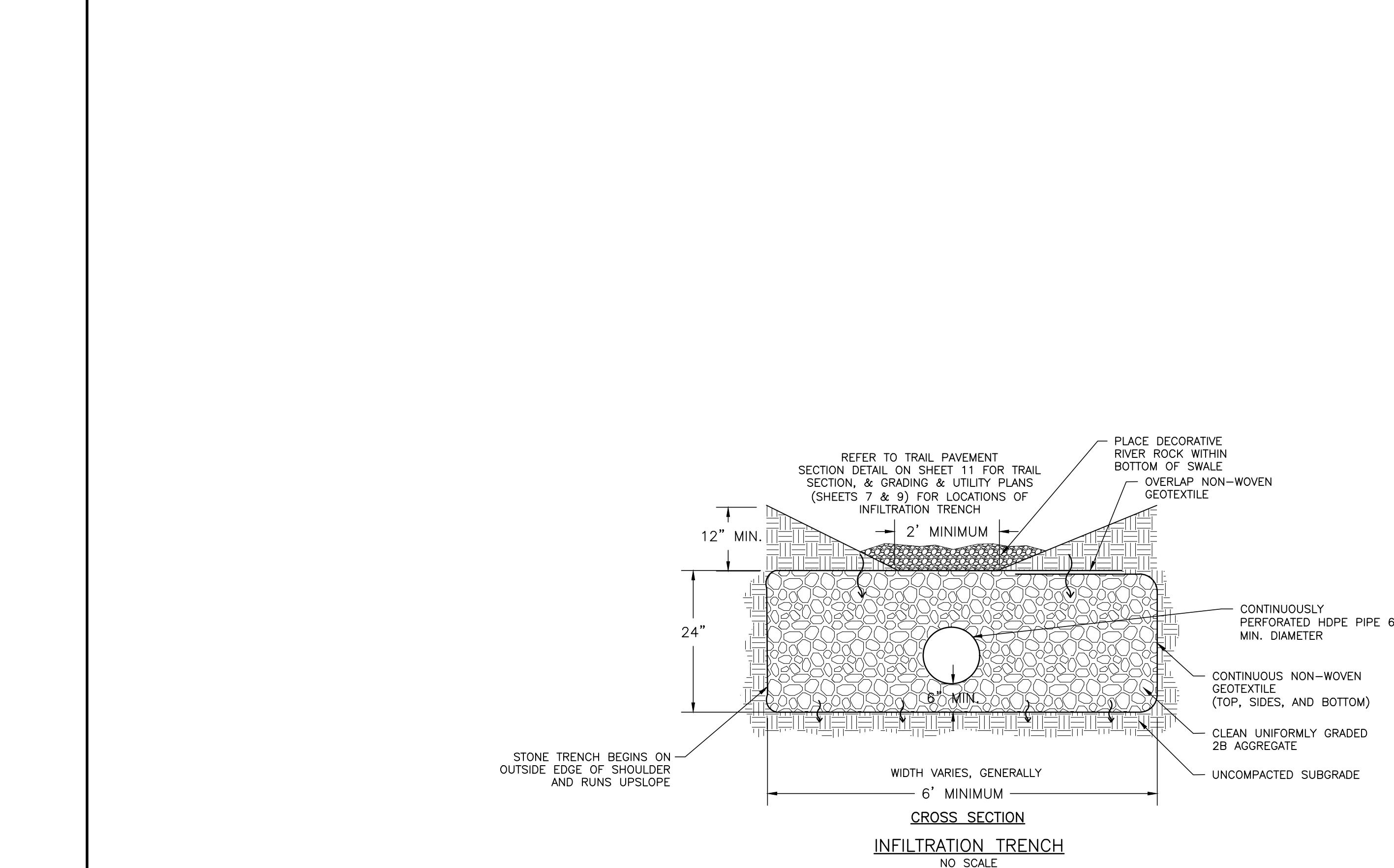
PENNDOT TYPE M INLET TOP DETAIL
NO SCALE

DETAIL FOR GENERAL REFERENCE ONLY, ACTUAL STRUCTURE TO BE IN COMPLIANCE WITH PENNDOT PUB 72, RC-45M, LATEST EDITION



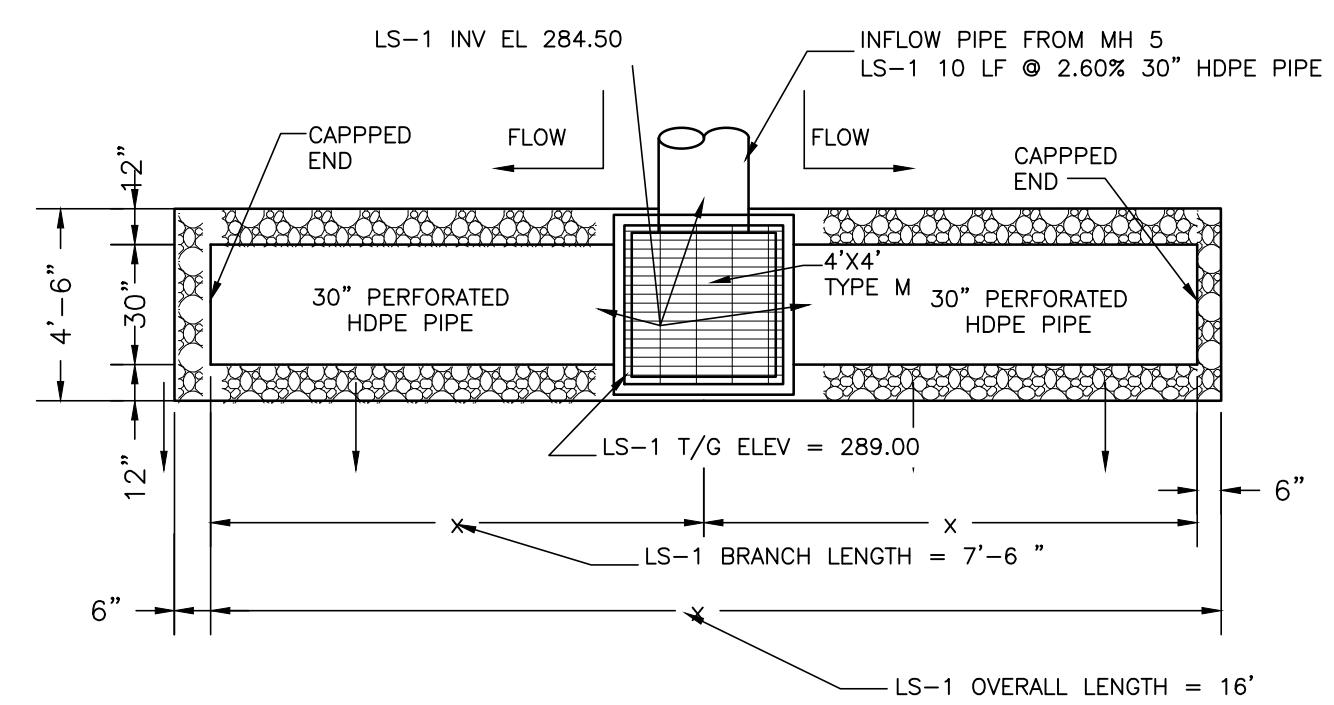
SECTION A-A **SECTION B-B**

SECTION

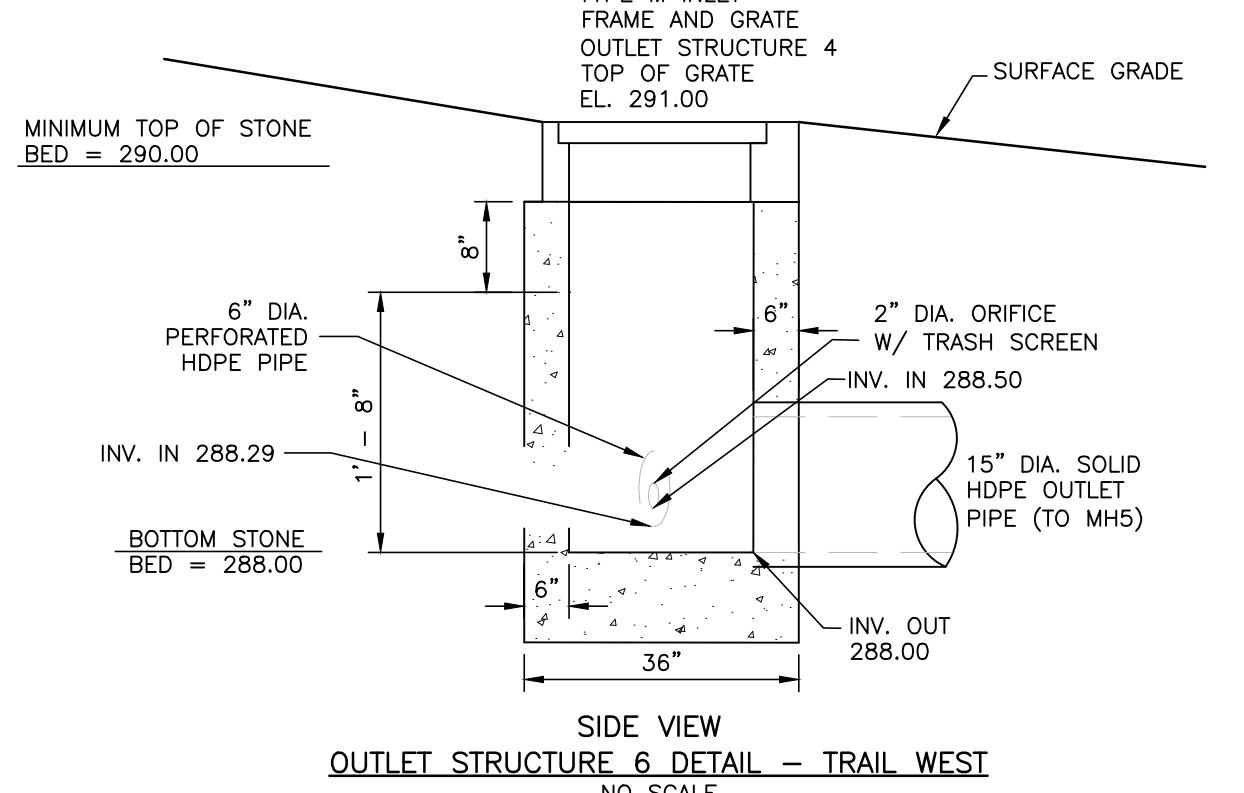


NOTES:
ALL COLLARS SHALL BE INSTALLED SO AS TO BE WATERTIGHT.
COLLAR SIZE AND SPACING SHALL BE AS INDICATED WITHIN TABLE.
*** REFER TO TRENCH PROFILES ON SHEET 16 FOR LOCATIONS AND SPACING

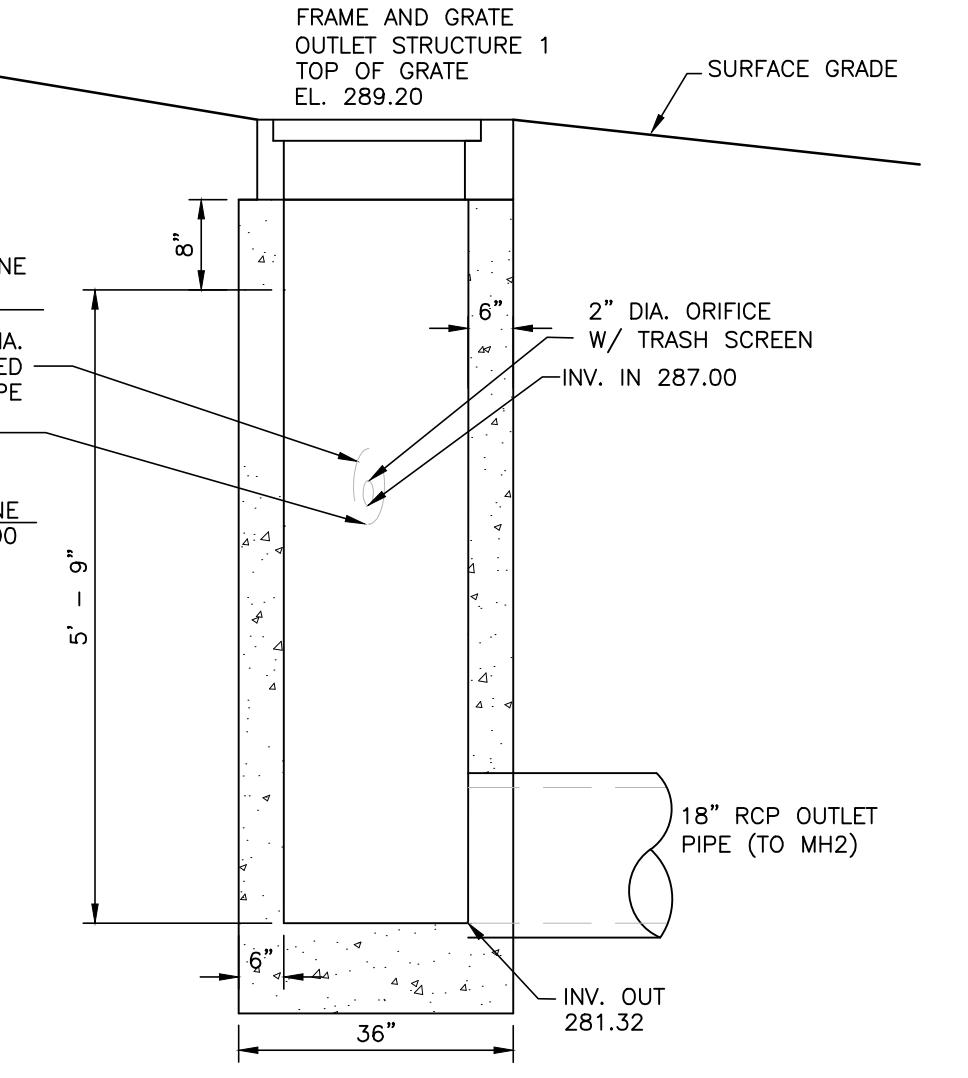
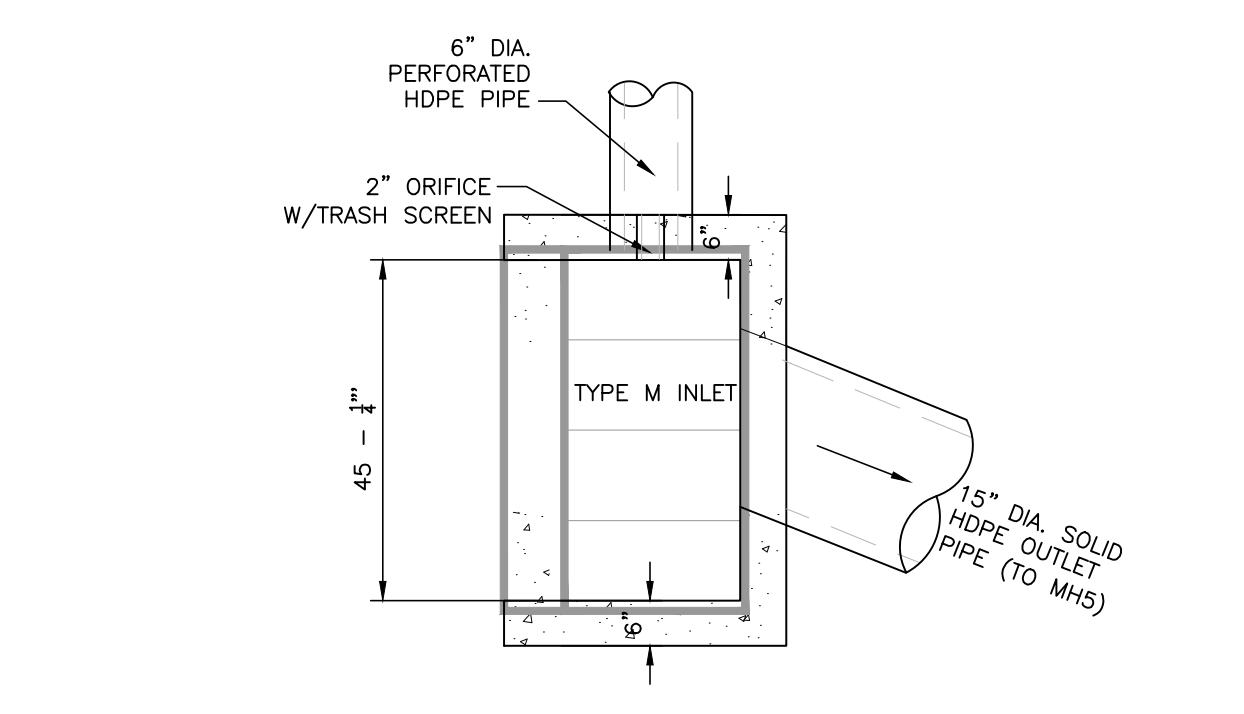
PIPE BAFFLE FOR STONE TRENCH



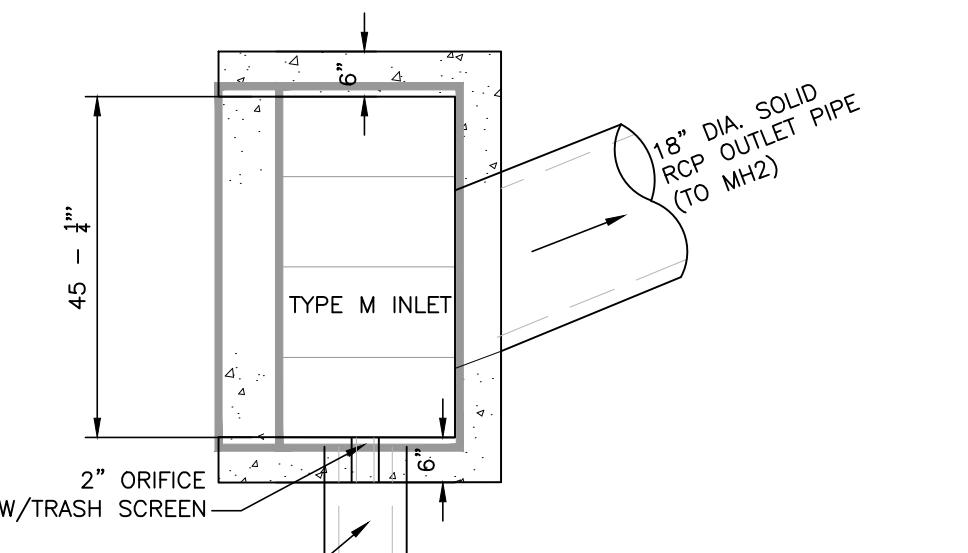
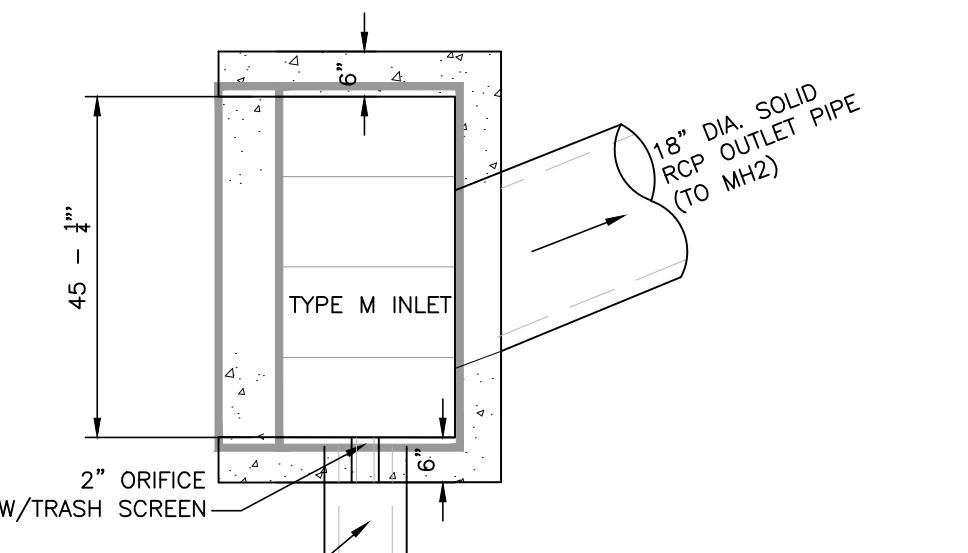
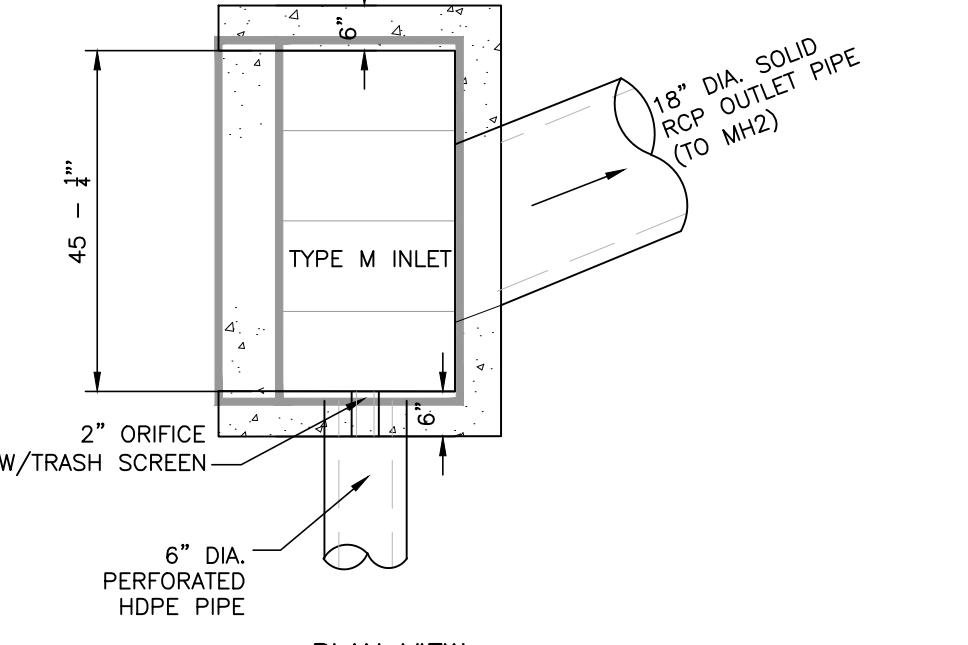
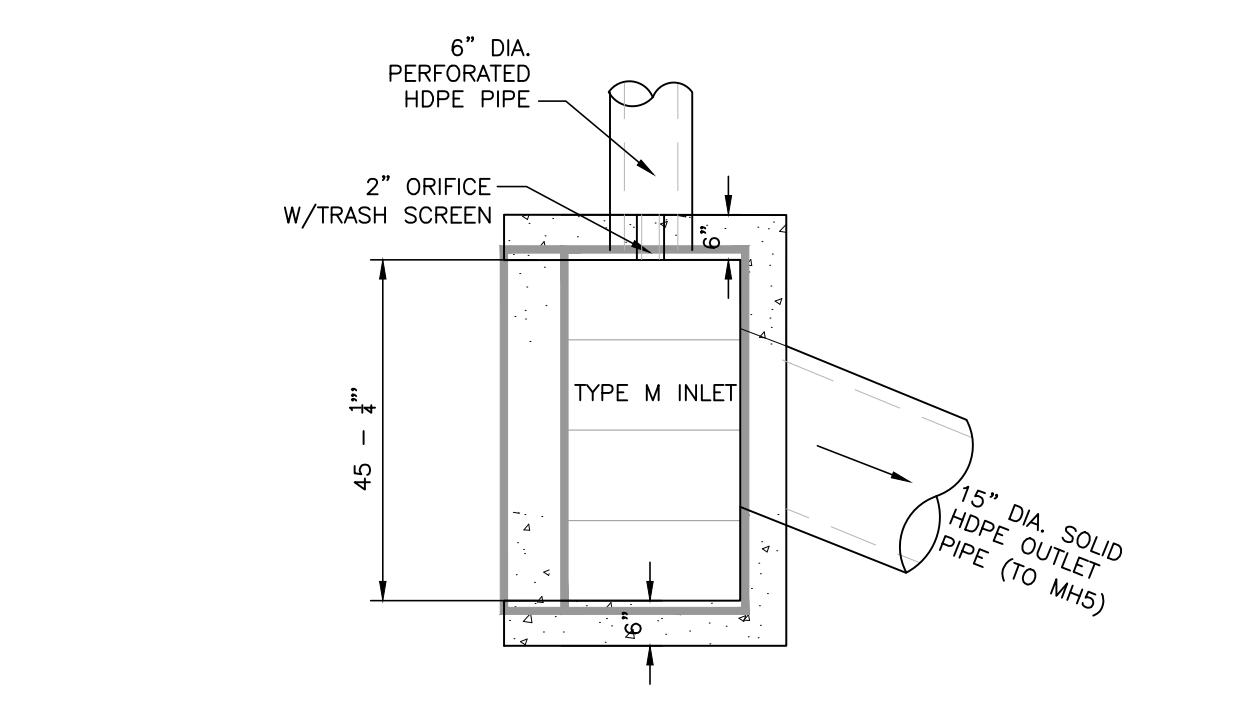
LEVEL SPREADER DETAIL



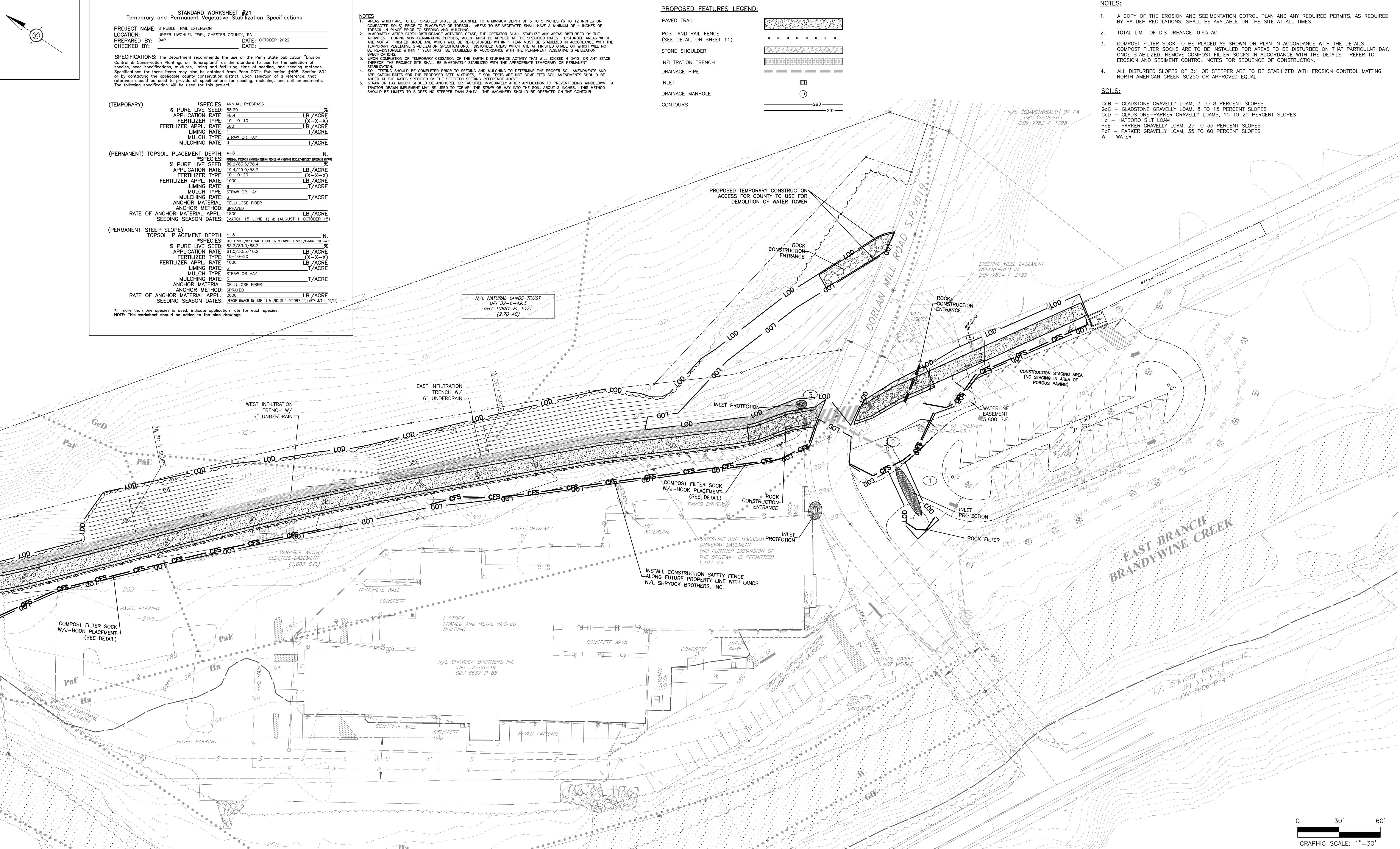
SIDE VIEW
OUTLET STRUCTURE 6 DETAIL - TRAIL WEST
NO SCALE



SIDE VIEW
OUTLET STRUCTURE 3 DETAIL - TRAIL EAST
NO SCALE



PLAN VIEW



STANDARD WORKSHEET #21
Temporary and Permanent Vegetative Stabilization Specifications

PROJECT NAME: STRUBLE TRAIL EXTENSION
LOCATION: UPPER UWCHLAN TWP., CHESTER COUNTY, PA
PREPARED BY: DAR DATE: OCTOBER 2022
CHECKED BY: DATE:

SPECIFICATIONS: The Department recommends the use of the Penn State publication "Erosion Control & Conservation Plantings on Noncropland" as the standard to use for the selection of species, seed rates, fertilization, mulching, liming, and seeding methods. Specifications for these items may also be obtained from Penn DOT's Publication #400, Section 804 or by contacting the applicable county conservation district, upon selection of a reference, that reference should be used to provide all specifications for seeding, mulching, and soil amendments. The following specification will be used for this project:

(TEMPORARY)

% SPECIES: ANNUAL RYEGRASS	%
% PURE LIVE SEED: 88.20	%
APPLICATION RATE: 48.4	LB./ACRE
FERTILIZER RATE: 10-10-10	(X-X-X)
FERTILIZER APR. RATE: 500	LB./ACRE
LIMING RATE: 1	T/ACRE
MULCH TYPE: STRAW OR HAY	
MULCHING RATE: 3	T/ACRE

(PERMANENT)

TOPSOIL PLACEMENT DEPTH: 4-8 IN.	
*SPECIES: FALF FESQUE/CREEPING FESQUE OR CHURNING FESQUE/ANNUAL RYEGRASS	
% PURE LIVE SEED: 88.2/3.3/88.2	%
APPLICATION RATE: 19.4/0.9/19.2	LB./ACRE
FERTILIZER RATE: 10-10-20	(X-X-X)
FERTILIZER APR. RATE: 1000	LB./ACRE
LIMING RATE: 6	T/ACRE
MULCH TYPE: STRAW OR HAY	
MULCHING RATE: 3	T/ACRE
ANCHOR METHOD: ANCHOR PLATE	
ANCHOR MATERIAL: CELLULOSE FIBER	
RATE OF ANCHOR MATERIAL APPL.: 1800	LB./ACRE
SEEDING SEASON DATES: (MARCH 15-JUNE 1) & (AUGUST 1-OCTOBER 15)	

(PERMANENT-STEEP SLOPE)

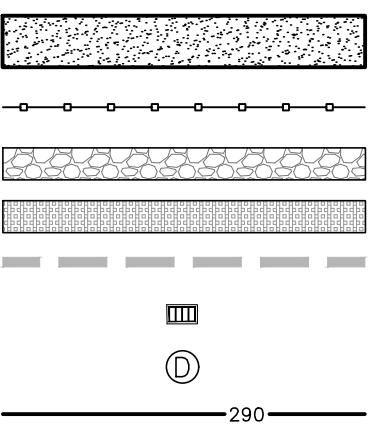
TOPSOIL PLACEMENT DEPTH: 4-8 IN.	
*SPECIES: FALF FESQUE/CREEPING FESQUE OR CHURNING FESQUE/ANNUAL RYEGRASS	
% PURE LIVE SEED: 83.3/3.3/88.2	%
APPLICATION RATE: 61.0/0.5/10.2	LB./ACRE
FERTILIZER RATE: 10-10-20	(X-X-X)
FERTILIZER APR. RATE: 1000	LB./ACRE
LIMING RATE: 6	T/ACRE
MULCH TYPE: STRAW OR HAY	
MULCHING RATE: 3	T/ACRE
ANCHOR METHOD: ANCHOR PLATE	
ANCHOR MATERIAL: CELLULOSE FIBER	
RATE OF ANCHOR MATERIAL APPL.: 2000	LB./ACRE
SEEDING SEASON DATES: (MARCH 15-JUNE 1) & (AUGUST 1-OCTOBER 15) (RE-3/1-10/15)	

*If more than one species is used, indicate application rate for each species.
NOTE: This worksheet should be added to the plan drawings.

NOTES

- AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 TO 5 INCHES (6 TO 12 INCHES ON SLOPES) AND THE TOPSOIL SHALL BE PLACED ON AREAS TO BE VEGETATED SHALL HAVE A MINIMUM OF 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE ANY AREAS WHICH ARE DISTURBED BY THE ACTIVITIES. AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE SPECIFICATIONS. AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL NOT BE RE-DISTURBED WITHIN 1 YEAR MUST NOT BE DISTURBED ACCORDING TO THE SPECIFICATIONS.
- SOIL TESTING SHOULD BE COMPLETED PRIOR TO SEEDING AND MULCHING TO DETERMINE THE PROPER SOIL AMENDMENTS AND APPLICATION RATES FOR THE PROPOSED SEED MIXTURES. IF SOIL TESTS ARE NOT COMPLETE, SOIL AMENDMENTS SHOULD BE APPLIED AT THE RATE OF 1000 LB./ACRE.
- STRAW OR HAY MULCH SHOULD BE ANCHORED OR TACKIFIED IMMEDIATELY AFTER APPLICATION TO PREVENT BEING WINDBLOWN. A TRACTOR DRAWN IMPLEMENT MAY BE USED TO "CRIMP" THE STRAW OR HAY INTO THE SOIL, ABOUT 3 INCHES. THIS METHOD SHOULD BE LIMITED TO SLOPES NO STEEPER THAN 3H:1V. THE MACHINERY SHOULD BE OPERATED ON THE CONTOUR.

PROPOSED FEATURES LEGEND:



NOTES:

- A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN AND ANY REQUIRED PERMITS, AS REQUIRED BY PA DEP REGULATIONS, SHALL BE AVAILABLE ON THE SITE AT ALL TIMES.
- TOTAL LIMIT OF DISTURBANCE: 0.93 AC.
- COMPOST FILTER SOCK TO BE PLACED AS SHOWN ON PLAN IN ACCORDANCE WITH THE DETAILS. COMPOST FILTER SOCKS ARE TO BE INSTALLED FOR AREAS TO BE DISTURBED ON THAT PARTICULAR DAY. ONCE STABILIZED, REMOVE COMPOST FILTER SOCKS IN ACCORDANCE WITH THE DETAILS. REFER TO EROSION AND SEDIMENT CONTROL NOTES FOR SEQUENCE OF CONSTRUCTION.
- ALL DISTURBED SLOPES OF 3:1 OR STEEPER ARE TO BE STABILIZED WITH EROSION CONTROL MATTING NORTH AMERICAN GREEN SC250 OR APPROVED EQUAL.

SOILS:

GdB - GLADSTONE GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES
Gdc - GLADSTONE GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES
Ged - GLADSTONE GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES
Ha - HATBOR SILT LOAM
PaE - PARKER GRAVELLY LOAM, 25 TO 35 PERCENT SLOPES
PaP - PARKER GRAVELLY LOAM, 35 TO 60 PERCENT SLOPES
W - WATER

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Southampton Office
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Southampton, PA 18966

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CLIENT
CHESTER COUNTY, DEPARTMENT OF FACILITIES
313 W. MARKET STREET
SUITE 5402
P.O. BOX 2748
WEST CHESTER, PA 19380

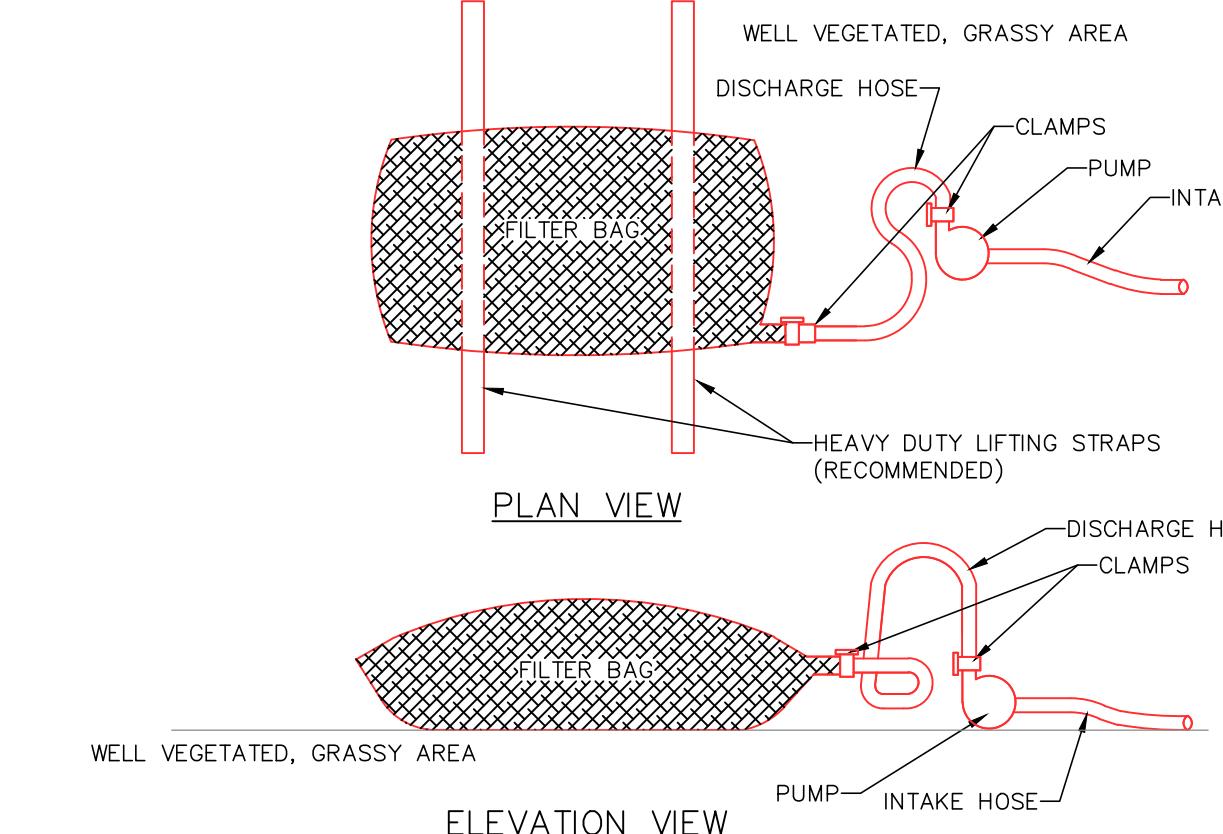
SUBJECT
EROSION AND SEDIMENT CONTROL PLAN
**STRUBLE TRAIL
EXTENSION II**
UPPER UWCHLAN TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA

JOB NO. 137340.01A
SHEET NO. 18 OF 19
DWG. NO. ES237340-1A
GRAPHIC SCALE: 1"=30'

				SEAL	SEAL	MANAGER NEF	
4.	R E V I S I O N S P E R G I L M O R E A S S O C . C O M M E N T S D A T E D 5 / 4 / 2023	5/17/23	AJK	DESIGN KK	CHKD. BY		
3.	R E V I S I O N S P E R G I L M O R E A S S O C . C O M M E N T S D A T E D 4 / 18 / 2023	4/26/23	AJK	DRAFT AJK	CHKD. BY		
2.	R E V I S I O N S P E R G I L M O R E A S S O C . R E V I E W D A T E D 2 / 3 / 2023	4/5/23	AJK	FILE CHE-22	DATE	MAY 1, 2019	
1.	R E V I S I O N S P E R O W N E R A N D T O W N S H I P C O N S U L T A N T S R E V I E W S	12/21/22	AJK	NOTES	SCALE	1"=30'	
NO.	REVISION	DATE	BY	APP.			

SEQUENCE OF CONSTRUCTION

- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING AND GRUBBING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.
- AT LEAST 7 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OWNER SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES INCLUDING BUT NOT LIMITED TO: THE LANDOWNER AND ALL APPROPRIATE MUNICIPAL OFFICIALS FOR AN ON SITE PRE-CONSTRUCTION MEETING.
- DELINEATE "LIMITS OF DISTURBANCE" IN THE FIELD AND INSTALL TREE PROTECTION MEASURES PRIOR TO ANY EARTH DISTURBANCE. INSTALL CONSTRUCTION SAFETY FENCE ALONG ENTIRE PROPERTY LINE WITH LANDS N/F SHYROCK BROTHERS, INC.
- INSTALL ROCK CONSTRUCTION ENTRANCE(S).
- INSTALL COMPOST FILTER SOCKS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN AND IN ACCORDANCE WITH THE DETAILS AND NOTES PROVIDED.
- REMOVE ALL EXISTING SITE FEATURES THAT ARE TO BE RELOCATED AND STORE IN A SAFE PLACE. NO ON SITE BURNING IS ALLOWED.
- REMOVE TREES AND BRUSH AS NECESSARY. MINIMIZE DISTURBANCE WHERE POSSIBLE. REMOVED TREES ARE THE PROPERTY OF THE CONTRACTOR.
- PLACE EROSION AND SEDIMENT CONTROL MEASURES ABOVE AND BELOW THE AREA OF THE TRENCH DRAIN INSTALLATION ON THE SOUTH SIDE OF DORAN MILL ROAD AS SHOWN.
- CONSTRUCT TRENCH DRAIN WITHIN THE EXISTING DRIVEWAY AS SHOWN ON THE PLANS. IMMEDIATELY PLACE PERMANENT STABILIZATION ON ALL EXPOSED AREAS. PLACE PROTECTION ON TRENCH DRAIN UNTIL ALL AREAS TRIBUTARY TO THE DRAIN HAVE BEEN COMPLETELY STABILIZED.
- EXCAVATE AND ROUGH GRADE FOR TRAIL CONSTRUCTION ON BOTH NORTH AND SOUTH SIDE OF DORAN MILL ROAD AS SHOWN ON PLANS.
- INSTALL PROPOSED STONE TRENCH INCLUDING INLETS AND DISCHARGE PIPES IN ACCORDANCE WITH THE PLANS AND PROVIDED DETAILS. STABILIZE STONE TRENCH AND EXTEND CONSTRUCTION FENCE OVER THE OPEN RIVER ROCK BED UNTIL THE TRAIL HAS BEEN PAVED AND ALL AREAS TRIBUTARY TO THE BED HAVE PERMANENTLY STABILIZED.
- CONSTRUCT TRAIL IN ACCORDANCE WITH THE DETAILS PROVIDED ON THE PLANS.
- INSTALL ALL OTHER SITE FEATURES INCLUDING BENCH, STEEL GATES, BOLLARDS SIGNING AND PAVEMENT MARKINGS ALONG TRAIL AND TRAILHEAD.
- UPON COMPLETION OR TEMPORARY CESSION OF THE EARTH DISTURBANCE ACTIVITY THAT WILL EXCEED 4 DAYS, OR ANY STAGE THEREOF, THE PROJECT SITE SHALL BE IMMEDIATELY STABILIZED WITH THE APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION. HYDROSEED IS NOT CONSIDERED STABILIZATION UNTIL IT GERMINATES.
- PRIOR TO REMOVING ANY EROSION AND SEDIMENTATION CONTROLS THE CONTRACTOR SHALL CONSULT WITH THE MUNICIPALITY.
- REMOVE EROSION AND SEDIMENT CONTROL MEASURES ONCE THE DISTURBED AREA IS STABILIZED.
- PLACE TOPSOIL, SEED, AND MULCH AS NECESSARY.
- CLEAN SITE SO THAT NO MATERIALS ARE LEFT BEHIND.



NOTES:
LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 15 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
Avg. Wide Width Strength	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4833	110 LB
MULLEN BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
AOS % RETAINED	ASTM D-4751	80 SIEVE

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5% FOR SLOPES EXCEEDING 5% CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.

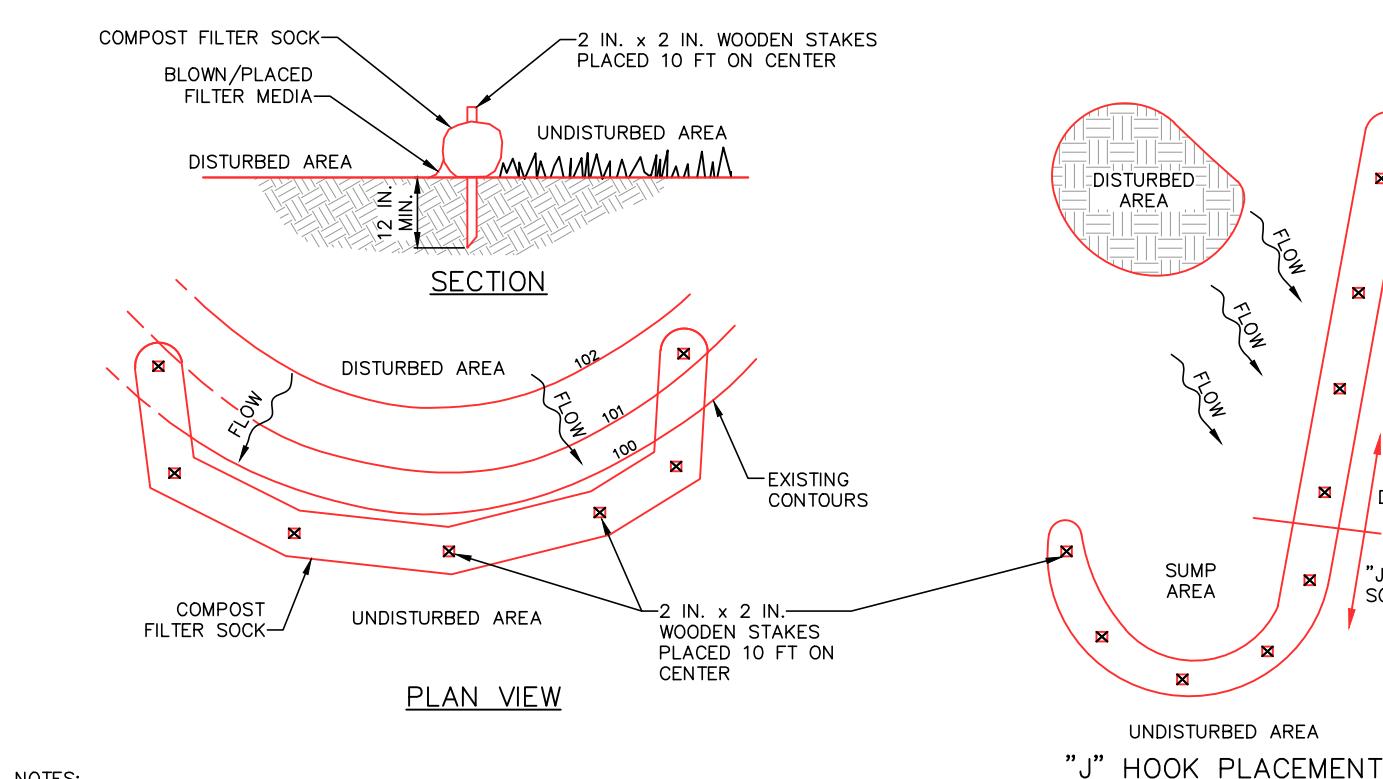
THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

STANDARD CONSTRUCTION DETAIL #3-16 PUMPED WATER FILTER BAG

NOT TO SCALE



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 BAG SHALL BE SECURED TO THE GROUND WITH 2 IN. X 2 IN. WOODEN STAKES PLACED 10 FT ON CENTER.

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. DAMAGE SHALL BE REPAVED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTODEGRADABLE 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.

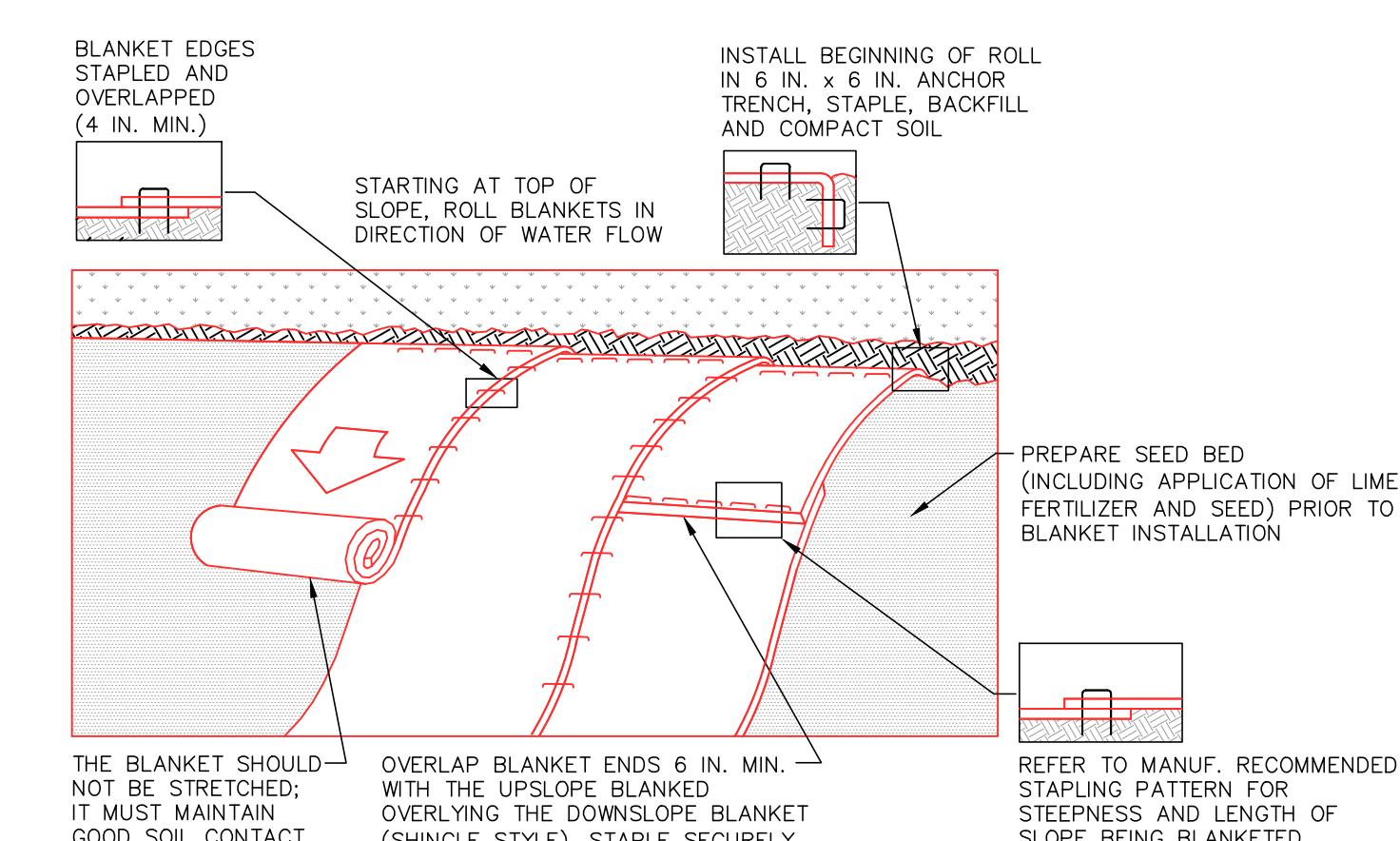
STANDARD CONSTRUCTION DETAIL #4-1 COMPOST FILTER SOCK

NOT TO SCALE

TABLE 4.1 - COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS				
MATERIAL TYPE	3 MIL HDPE	5 MIL HDPE	5 MIL HDPE	MULTI-FILAMENT POLYPROPYLENE (MFPP)
MATERIAL CHARACTERISTICS	PHOTO-DEGRADABLE	PHOTO-DEGRADABLE	BIO-DEGRADABLE	PHOTO-DEGRADABLE
SOCK DIAMETERS	12" 18"	12" 18"	12" 18"	12" 18"
MESH OPENING	3/8"	3/8"	3/8"	3/8"
TENSILE STRENGTH	26 PSI	26 PSI	44 PSI	202 PSI
ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155)	23% AT 1000 HR	23% AT 1000 HR	100% AT 1000 HR	100% AT 1000 HR
MINIMUM FUNCTIONAL LONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR

TWO-PLY SYSTEMS				
INNER CONTAINMENT NETTING	HOPE BIAxIAL NET			
	CONTINUOUSLY WOUND			
	FUSION-WELDED JUNCTURES			
	3/4" X 3/4" MAX. APERTURE SIZE			
OUTER FILTRATION MESH	COMPOSITE POLYPROPYLENE FABRIC (WOVEN LAYER & NON-WOVEN FLEECE MECHANICALLY FUSED VIA NEEDLE PUNCH)			
	3/16" MAX. APERTURE SIZE			
SOCK FABRICS COMPOSED OF BURLAP MAY BE USED ON PROJECTS LASTING 6 MONTHS OR LESS				

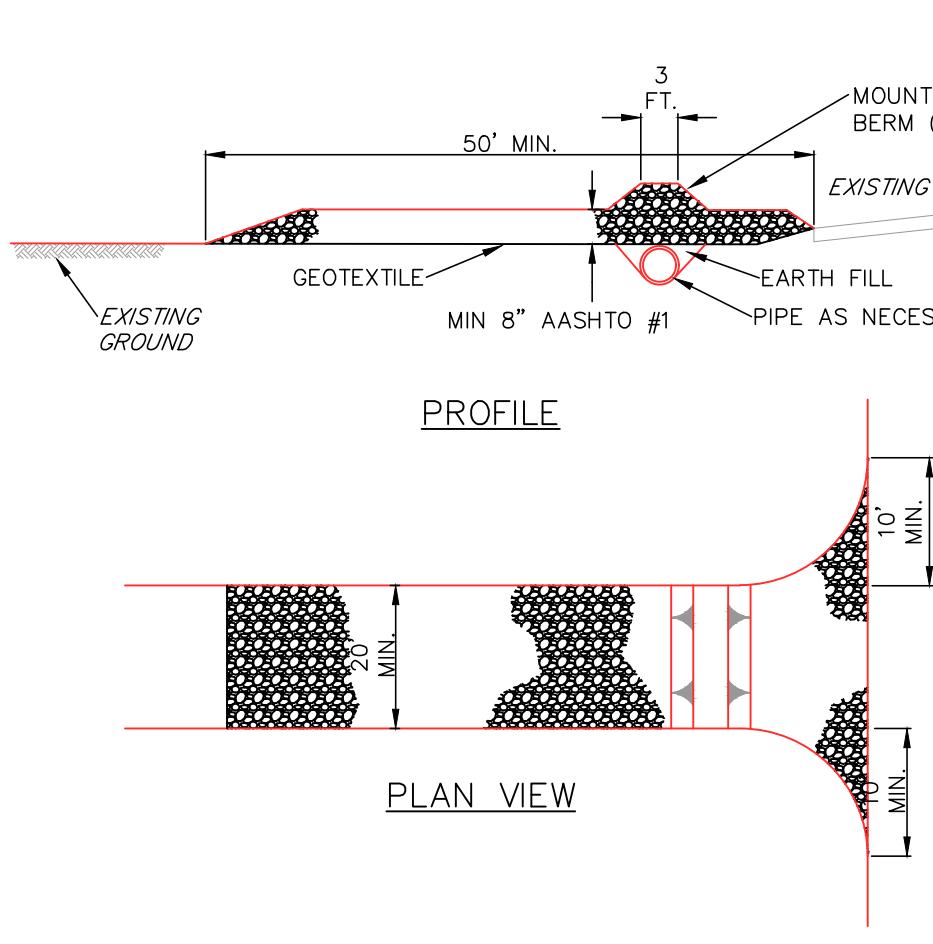
TABLE 4.2 - COMPOST STANDARDS	
ORGANIC MATTER CONTENT	25% - 100% (DRY WEIGHT BASIS)
ORGANIC PORTION	FIBROUS & ELONGATED
PH	5.5 - 8.5
MOISTURE CONTENT	30% - 60%
PARTICLE SIZE	30%-50% PASS THROUGH 3/8" SIEVE
SOLUBLE SALT CONCENTRATION	5.06/m (mmhos/cm) MAXIMUM



NOTES:
SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.
PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.
SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.
BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAPLE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.
THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.

STANDARD CONSTRUCTION DETAIL #11-1 EROSION CONTROL BLANKET INSTALLATION

NOT TO SCALE



NOTES:
REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.

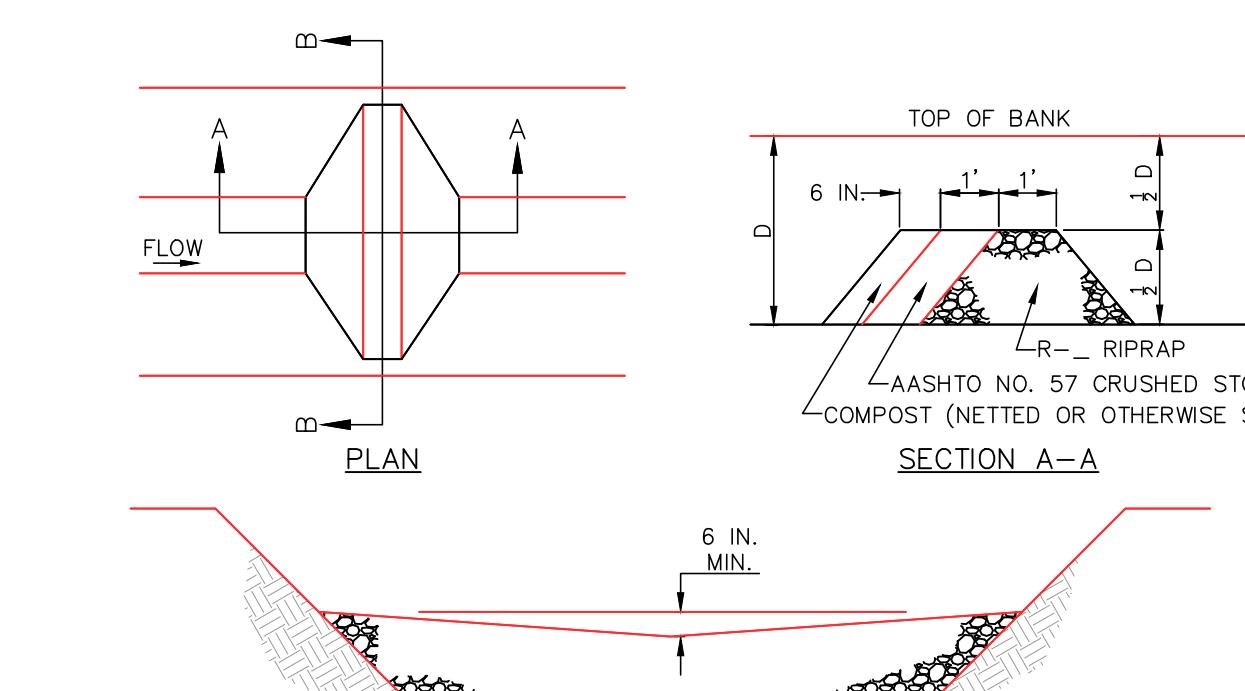
RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.

MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.

Maintenance: Rock construction entrance thickness shall be constantly maintained to the specified dimensions by adding rock. A stockpile shall be maintained on site for this purpose. All sediment deposited on paved roadways shall be removed and returned to the construction site immediately, if excessive amounts of sediment are being deposited on roadway, extend length of rock construction entrance by 50 foot increments until condition is alleviated or install wash rack. Washing the roadway or sweeping the deposit into roadway ditches, sewers, culverts, or other drainage courses is not acceptable.

STANDARD CONSTRUCTION DETAIL #3-1 ROCK CONSTRUCTION ENTRANCE

NOT TO SCALE

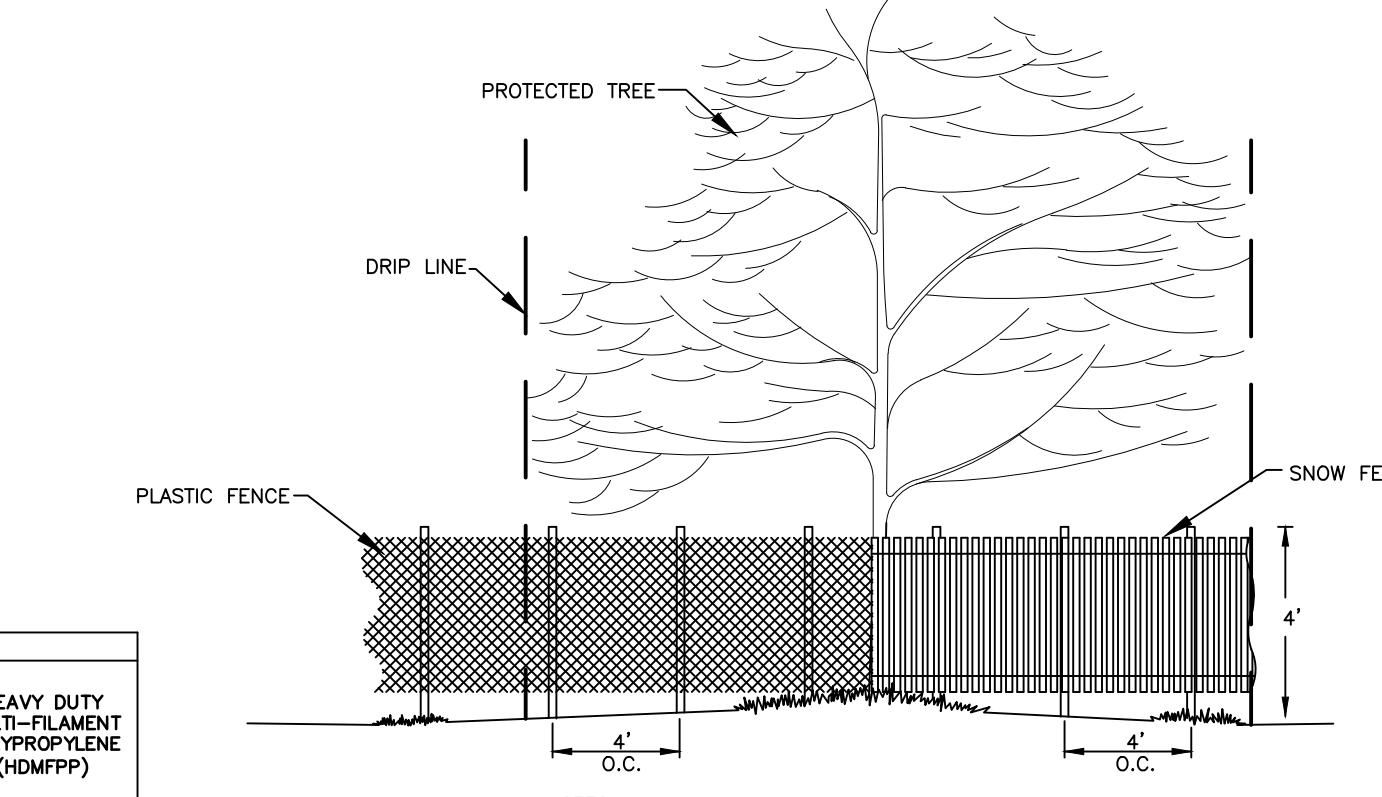


NOTES:
SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE HEIGHT OF THE FILTERS.

IMMEDIATELY UPON STABILIZATION OF EACH CHANNEL, REMOVE ACCUMULATED SEDIMENT, REMOVE ROCK FILTER, AND STABILIZE DISTURBED AREAS.

STANDARD CONSTRUCTION DETAIL #4-14 ROCK FILTER

NOT TO SCALE

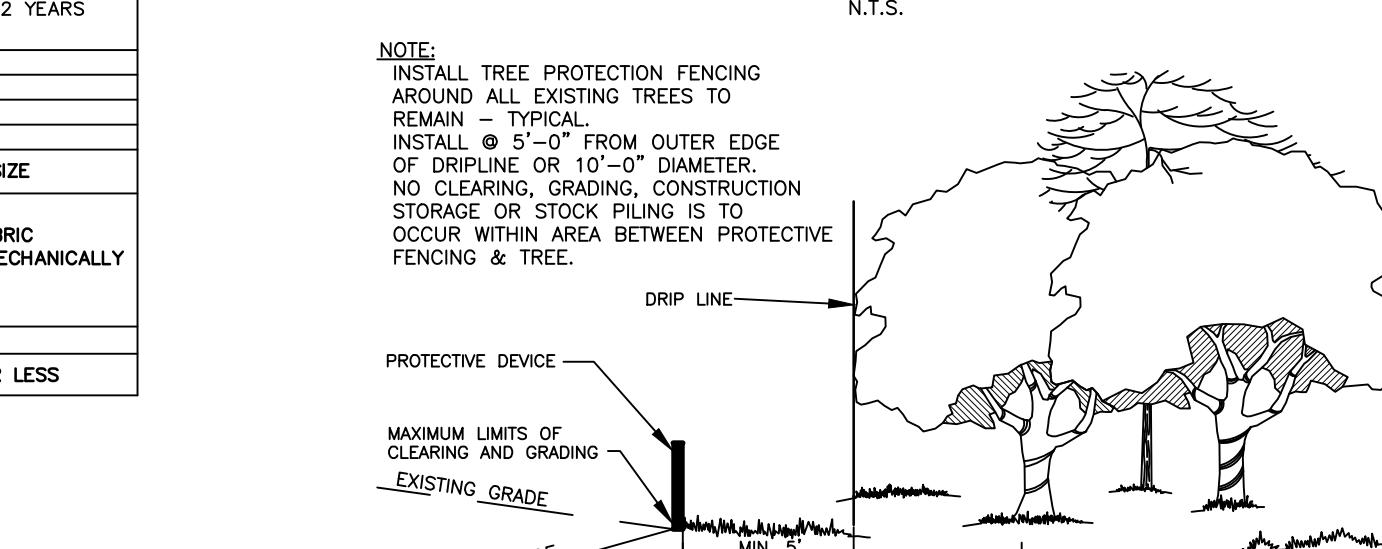


NOTES:
1. MARK TREE TO BE PROTECTED WITH RIBBON PRIOR TO CONSTRUCTION.
2. INSTALL CONSTRUCTION FENCE 1 FT OUTSIDE THE PERIMETER OF THE Drip Line of the marked trees.(for tree clusters install along combind perimeter.)

3. WHEN CONSTRUCTION IS COMPLETED, REMOVE FENCING.
4. ANY DAMAGE, DESTRUCTION OR FALLING OF A TREE, SLATED FOR PROTECTION SHALL REQUIRE REPLACEMENT WITH A TREE OF SIMILAR CALIPER OR SUCH NUMBER OF TREES AS ARE REQUIRED TO EQUAL THE CIRCUMFERENCE OF THE AFFECTED TREE.

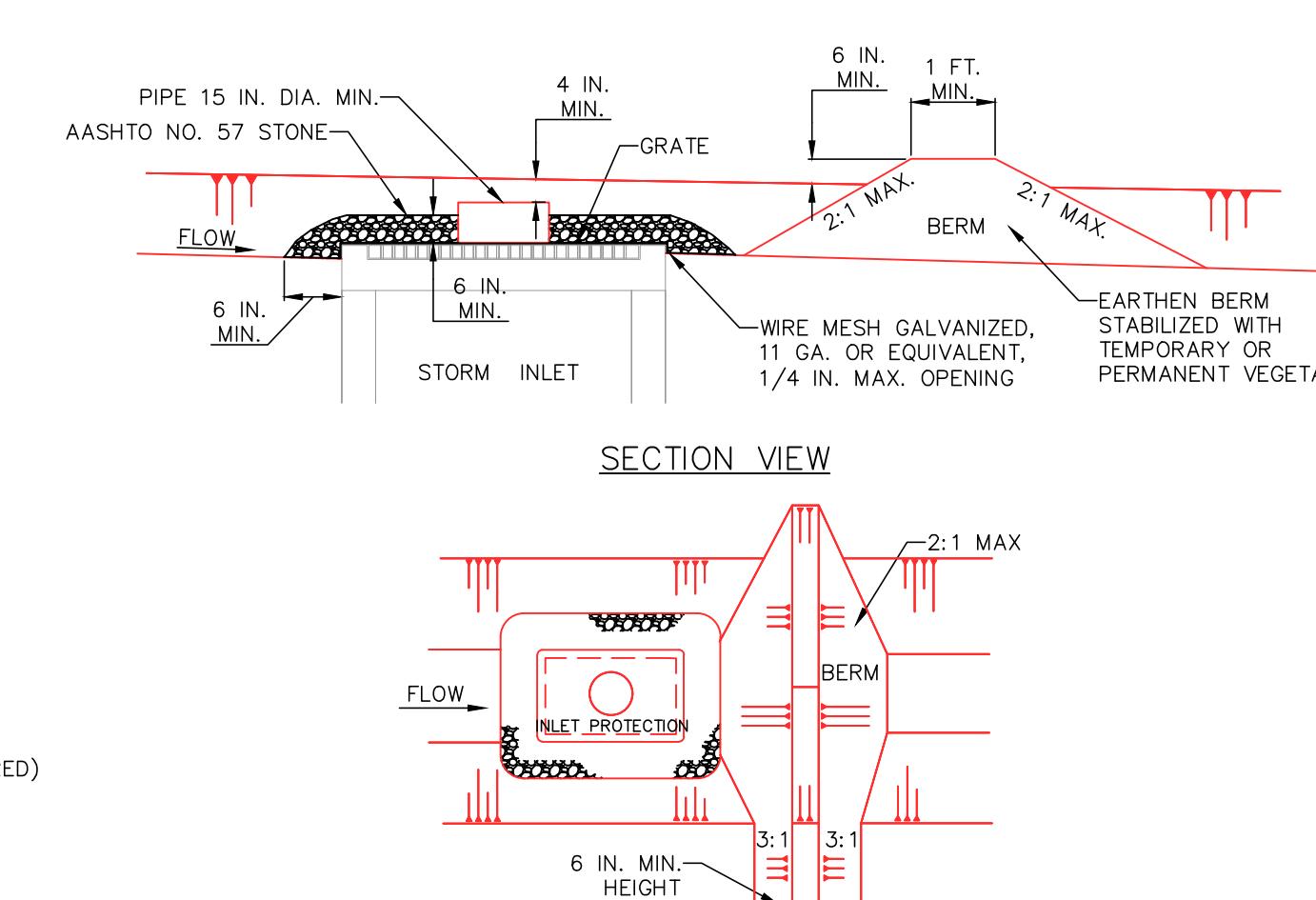
TREE PROTECTION FENCING

N.T.S.



CONSTRUCTION OPERATIONS RELATIVE TO THE LOCATION OF PROTECTED TREES

N.T.S.



NOTES:
INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS NOT LOCATED AT A LOW POINT.

ROLLED EARTHEN BERM IN ROADWAY SHALL BE PROVIDED AND MAINTAINED IMMEDIATELY DOWN GRADIENT OF THE PROTECTED INLET 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 TO REMAIN PERMANENTLY.

STONE INLET PROTECTION AND BERM



BUCKLEY BRION
MC GUIRE & MORRIS LLP

JOSEPH E. BRION, ESQUIRE

p: 610.436.4400 Ext# 1010

e: jbrion@buckleyllp.com

118 W. Market Street, Suite 300

West Chester, PA 19382-2928

May 22, 2023

VIA ELECTRONIC MAIL

Upper Uwchlan Township
Board of Supervisors
Attention: Gwen Jonik, Township Secretary
140 Pottstown Pike
Chester Springs, PA 19425

RE: Conditional Use Application – Natural Lands Trust, Inc.
780 Dorlan Mill Road, Upper Uwchlan Township

Dear Gwen:

This Firm has been recently retained by Natural Lands Trust, Inc. (“NLT”) with respect to the subject matter. On its behalf, we enclose the following:

1. Conditional Use Application.
2. Struble Trail Extension II Site Plan for reference.

Please accept this letter as NLT’s withdrawal of their Conditional Use Application dated March 11, 2022 and previously submitted to the Township. Kindly apply the fees previously submitted to the enclosed application. If any additional fees are required, please let me know.

If possible, it would be our request to have this application considered by the Planning Commission simultaneously with the County of Chester’s application on Thursday, June 8, 2023 and scheduled for hearing before the Board of Supervisors on Monday, June 19, 2023. Please let me know if that is a possibility.

Should you require hard copies of the Application, kindly advise. Thanks for your attention and courtesies.

Respectfully,

Joseph E. Brion

Joseph E. Brion

JEB/rac

Enclosures

cc: Kevin McKenna, Esquire
Natural Lands Trust, Inc.



UPPER UWCHLAN TOWNSHIP
140 Pottstown Pike
Chester Springs, PA 19425
610-458-9400 Fax 610-458-0307

CONDITIONAL USE APPLICATION

Tax Parcel Number: 32-6-49.3 Date: May 21, 2023
Name of Applicant: Natural Lands Trust, Inc.
Address: 1031 Palmers Mill Road, Media, PA 19063
Telephone: 484.368.9961 Email: jstefferud@natlands.org

Owner of Parcel: Natural Lands Trust, Inc.
Address / Location of Parcel: 780 Dorlan Mill Road
Zoning District: LI Limited Industrial Existing Use: No use - open land
Article / Section Authorizing Conditional Use: 200-44.1 (10)
Description of Proposed Conditional Use: Governmental Use as public recreational use and open space.

This Application shall be accompanied by: Previously submitted

1. A fee of \$500.00 for Non-Commercial or \$1,000.00 for Commercial/Industrial;
2. Four (4) printed copies and an electronic copy of:
 - parcel plot plans (half of which can be of reduced size, i.e. 11 x 17)
3. Three (3) printed copies and an electronic copy of:
 - impact statements (if applicable pursuant to the Township's Zoning Ordinance §200-83),
 - and any other information pursuant to Zoning Ordinance §200-116, §200-117 (Conditional Uses, Conditional Use Standards).

* The Applicant will be responsible for reimbursing the Township for Consultants' Fees and Legal Fees, and if additional Hearings are necessary, a Fee will be charged for each Additional Hearing:
Non-Commercial \$250.00/Hearing; Commercial/Industrial \$500.00/Hearing

I hereby depose and say that all of the above statements, and the statements contained in any papers submitted herewith, are true to the best of my knowledge and belief.

Natural Lands Trust, Inc.
Printed Name of Applicant

A handwritten signature of Joseph E. Brion, Esquire, over a horizontal line.

Signature of Applicant

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF CHESTER
Sworn to and subscribed before me this
22nd day of May, 2023.

By: Joseph E. Brion, Esquire
Buckley, Brion, McGuire & Morris, LLP
Attorneys for Applicant

A handwritten signature of Robyn A. Cahill over a horizontal line.

Commonwealth of Pennsylvania - Notary Seal
Robyn A. Cahill, Notary Public
Chester County
My commission expires November 16, 2025
Commission number 1021755
Member, Pennsylvania Association of Notaries

Form Revised August 2021



GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

May 30, 2023

File No. 23-01086

VIA E-MAIL ONLY

Mr. Tony Scheivert
Upper Uwchlan Township Manager
140 Pottstown Pike
Chester Springs, PA 19425

Reference: Eagleview Lot 1A –The Hankin Group
Proposed Flex Use Building Development
Preliminary Land Development Application - 2nd Review
Upper Uwchlan Township, Chester County, PA

Dear Tony:

Gilmore & Associates, Inc. (G&A) is in receipt of the following documents:

- Letter from Chester Valley Engineers to Upper Uwchlan Township dated April 25, 2023, outlining submitted items and responding to G&A's March 3, 2023 review.
- Plan set consisting of twenty (20) sheets titled "Preliminary / Final Land Development Plan Eagleview Lot 1A," prepared by Chester Valley Engineers, Inc., dated February 2, 2023 and revised April 25, 2023.
- Post Construction Stormwater Management Report for Eagleview Corporate Lot 1A, prepared by Chester Valley Engineers, Inc., dated February 2, 2023 and revised April 25, 2023.
- Letter Report / Traffic Analysis prepared by Traffic Planning and Design, Inc. dated March 24, 2023.
- "Will Serve" letter from Aqua to Chester Valley Engineers dated April 14, 2023.

G&A, along with the other Township Consultants, have completed our second review of the above referenced land development application for compliance with the

BUILDING ON A FOUNDATION OF EXCELLENCE

184 W. Main Street | Suite 300 | Trappe, PA 19426

Phone: 610-489-4949 | Fax: 610-489-8447

www.gilmore-assoc.com

Reference: Eagleview Lot 1A –The Hankin Group
Proposed Flex Use Building Development
Preliminary Land Development Application- 2nd Review
Upper Uwchlan Township, Chester County, PA

File No. 03-0987.16

May 30, 2023

applicable sections of the Township's Zoning, Subdivision and Land Development, and Stormwater Management Ordinance, and wish to submit the following comments for your consideration.

Comments in *italics* are from our previous review letter, and comments in **bold text** require resolution by the applicant. Previous comments which have been satisfactorily addressed are not repeated herein. Comments preceded by a (GW) indicate a waiver has been granted from that section by The Board of Supervisors.

I. OVERVIEW

The site is 13.645 acres in size and contains woodlands, a stream and wetlands. The site has access from Arrowhead Drive and is located within the PI (Planned Industrial / Office) Zoning District.

The Applicant is proposing to construct a one-story, 60,600 SF Flex Use office / warehouse building as well as paved access drives, parking areas, retaining walls and stormwater management. One (1) underground infiltration basin and one (1) above ground infiltration basin are proposed to manage the post construction runoff.

II. ZONING ORDINANCE REVIEW

1. *Section 200-50.C – A minimum of 5% of the total net tract area must be set aside for any active or passive recreation. The applicant has provided the requisite area of land; however, it should be indicated how the area can be accessed.*

A four-foot wide mulch walking trail has been added to the plans. However, the trail is located within the area of potential “Future Parking”. A note should be added to the record plan indicating should the parking ever be constructed, a new access to the open space area shall be provided. In addition, the shading should be included in the Legend.

2. *Section 200-73.B(3) – Pedestrian paths shall be provided from all parking areas to the entrances of buildings. Pedestrian walks crossing any parking and driveway aisles shall be delineated by either stripes or a different paving material. Show pedestrian paths on the plans.*

Reference: Eagleview Lot 1A –The Hankin Group
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A Crosswalk has been provided across driveway entrance. However, we would recommend a sidewalk be provided from the western parking spaces (along the detention basin) to allow safe access to the building entrance.

III. SUBDIVISION & LAND DEVELOPMENT ORDINANCE REVIEW

1. (GW) Sections 162-7.B.(2), 162-8.B and 162-8.C(1) – *The applicant is seeking a waiver to permit concurrent approval of preliminary and final land development plans. We have no objection to this request. The list of waivers request on Sheet 2 should be revised to reflect these sections.*

The Applicant received a waiver from the Board of Supervisors at their March 20, 2023 meeting to allow the application to be reviewed as a “preliminary / final” application.

2. (GW) Section 162-52 – *No topsoil shall be disposed of, by sale or otherwise, off the site of the construction. Please add General Erosion & Sediment Control Note #5 to the Record Plan.*

The Applicant received a waiver from the Board of Supervisors at their March 20, 2023 meeting to allow removal of topsoil from the site.

3. (GW) Section 162-55.B – *A waiver has been requested from this section but it is not clear specifically what is being requested. Plans shall be revised to demonstrate compliance with all applicable requirements in this section or an indication of what sections relief is being sought from. The Site Analysis Table on Sheet 3 indicates 6.25 acres of woodland area is proposed to be disturbed; clarify the area of removal vs. disturbance.*

The Applicant received a waiver from this section from the Board of Supervisors at their March 20, 2023 meeting.

4. Section 162-58.C(1) – *Illumination levels: Sidewalk light levels are not provided.*

Reference: Eagleview Lot 1A –The Hankin Group
Proposed Flex Use Building Development
Preliminary Land Development Application- 2nd Review
Upper Uwchlan Township, Chester County, PA

File No. 03-0987.16

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Levels shall be in accordance with IES RP-43-22. Note on Plan Sheet 19 provides an average to minimum ratio for sidewalks in front of the building. IES light level requirements are based on an average maintained value, not an average to minimum ratio. Additional information shall be provided for review.

5. **Section 162-58.D(1)(a) – Site plan shall show all lighting including building and architectural lighting. The plan does not indicate any additional lighting beyond the proposed area lights. Applicant shall verify that no additional architectural lighting is proposed.**

It is noted that architectural building lighting is not included with the site lighting information provided. Plan notes indicate that architectural building lighting will be provided at a later date. Any additional architectural site lighting will be subject to review & approval.

IV. STORMWATER MANAGEMENT ORDINANCE REVIEW

1. ***The Applicant is proposing an underground infiltration bed, which discharges into an existing above ground basin on the adjacent lot, and an above ground infiltration basin to control post-development runoff.***
2. (GW) **Section 301.T - Disturbance of existing ground cover during construction of the proposed Regulated Activity is prohibited within seventy-five (75) feet of top-of-bank of all perennial and intermittent waterways, water bodies and wetlands. Show the 75-foot no disturbance setback on the plans. We note that disturbance, including a detention basin, is proposed within this setback.**

The Applicant received a waiver from this section from the Board of Supervisors at their March 20, 2023 meeting.

Reference: Eagleview Lot 1A –The Hankin Group
Proposed Flex Use Building Development
Preliminary Land Development Application- 2nd Review
Upper Uwchlan Township, Chester County, PA

File No. 03-0987.16

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V. GENERAL COMMENTS

1. *Add the notation “Record Plan Sheet ___ of ___” on all sheets to be recorded.*
The Applicant's response letter indicates that all sheets are to be recorded. **However, this has not been referenced on the plan as requested. Please add the requested notation.**
2. Please remove General Note #20 on Sheet 2 regarding topsoil not leaving the site as the applicant obtained a waiver from 162-50 to allow for topsoil to be disposed of offsite
3. Three (3) light fixtures appear to be proposed directly adjacent to a proposed retaining wall (plan west). We question the constructability of these locations due to potential conflicts between light base footings, geogrid reinforcement, fencing and guardrail. Applicant has indicated that the features will be “installed and coordinated with footings and other potential conflict areas”, however has not provided any additional construction details or cross sections to show how this will be accomplished. It is recommended that this information be provided to ensure that the proposed locations for lights are feasible.
4. The light base detail provided on Sheet 19 has “AHJ” referenced for the dimensions of the base. Dimensional information shall be provided to understand the size/space requirements of the proposed light pole footing.
5. Retaining wall design drawings and computations shall be submitted for review and approval prior to any site construction.

**VI. TOWNSHIP TRAFFIC CONSULTANT
MCMAHON ASSOCIATES, INC.**

1. We agree that the trip generation for the current mix of uses within the Upper Uwchlan portion of the Eagleview Corporate Center (including Lot 1A) is less than the total trip generation contained in the original master plan traffic study. However, please keep in mind that future trip generation

Reference: Eagleview Lot 1A –The Hankin Group
Proposed Flex Use Building Development
Preliminary Land Development Application- 2nd Review
Upper Uwchlan Township, Chester County, PA

File No. 03-0987.16

May 30, 2023

evaluations for the Upper Uwchlan portion of the Eagleview Corporate Center should be based on the trip generation equation methodology in order to be consistent with ITE procedures. It is not necessary to make this revision as part of this application, as it would not change the conclusion that the total trip generation to date is less than the total trip generation assumed in the original master plan traffic study.

3. ZO Section 200-75.H(3) – The required sight distance for traffic exiting the proposed access onto Arrowhead Drive looking to the right appears to be based PennDOT's safe stopping sight distance criteria with an approach grade of +6.0%; however, it appears that the approach grade is not +6.0%. As such, as previously requested, please verify required sight distance calculation for traffic exiting the proposed access looking to the right along Arrowhead Drive. We do not have concerns about the availability of sight distance looking to the right, since traffic approaching from the right is required to stop from the neighboring driveway; however, as a condition of approval, the required sight distance calculation should be verified and updated as needed on the plan. If appropriate, please also update the sight distance note on Sheet 4.
3. We question the location of the end of the proposed 6.5-foot wide walking trail/ADA ramp at the Arrowhead Drive cul-de-sac, as it terminates into the Arrowhead Drive cartway. Ideally, this trail should connect with other pedestrian facilities, or at a logical crossing location, or even within a refuge/shoulder area. We question whether other terminus locations were considered. We recommend further discussion with the Planning Commission regarding the trail terminus.
4. The proposed 6.5-foot wide asphalt walking trail extends outside of the Arrowhead Drive right-of-way, but it is located within the existing 20-foot wide utility easement. Please verify that the intended use and description of the utility easement is sufficient to provide access to the 6.5-foot wide walking trail.
5. The Lot 1A development is subject to a transportation contribution equal to \$0.35 per square-foot of office space and \$0.20 per square-foot of warehouse space, and this contribution must be paid at the time of building permit issuance.

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Upon resubmission, the applicant's engineer should compose a response letter that describes how each comment has been addressed and where any plan and/or report revisions are located. Additional comments regarding the traffic improvements and/or land development plans may follow upon receipt of future submissions.

**VII. TOWNSHIP LAND PLANNER
BRANDYWINE CONSERVANCY**

Below is a summary of municipal planning documents and ordinances for the Township's consideration relevant to the intent of the proposed application land development.

Comprehensive Plan (2014)

1. The proposed development is consistent with the vision of the Comprehensive Plan for the existing Eagleview Corporate Park. The subject property is located within the area identified as the "Suburban Employment" future land use category in the Comprehensive Plan. This category has been applied to those areas of the township that will play a major economic role in the future. Lands so designated house the township's employers or producers of significant goods and services and include vacant or underdeveloped lands determined to be appropriate for additional employment, institutional, and/or manufacturing uses. The land within this future designation includes the Eagleview Corporate Park, which is comprised of light industrial or office development and vacant land suitable for additional development. Recommendations for future development include public water, public or community sewage disposal systems, road improvements along the frontage and access, protection of existing natural and cultural resources on undeveloped sites, and innovative stormwater management, and buffering of adjoining properties with lesser intensive uses.

Additionally, the Comprehensive Plan is in support of the continued build-out of the Eagleview Corporate Center with the hope that new tenants

File No. 03-0987.16

May 30, 2023

offering employment opportunities draw heavily from Upper Uwchlan's highly skilled and educated work force.

Open Space, Recreation & Environmental Resources Plan (2009)

2. A portion of the property, specifically along the existing unnamed tributary to March Creek, is designated as protected land, and includes hydric soils and extensive woodlands. The Plan recommends strengthening safeguards for the Township's remaining woodlands, especially along sensitive and valuable streams in the Marsh Creek watershed. *We note that waiver requests were granted to allow for reduced woodland replacement on the project and to allow a reduced number of replacement plantings and instead install taller and larger caliper trees.*
3. A portion of the property is located within the designated Jerry Run Greenway that is within the Marsh Creek watershed. The Plan recommends the application for new land development projects incorporate greenway corridors into the proposed layout, as appropriate. *We note that the revised plan includes the incorporation of a short walking trail within the recreational open space area. To encourage use of this trail, we suggest the incorporation of a bench or similar structure toward the end of the trail to allow respite and the enjoyment of the area.*

Zoning Ordinance

4. *We note the addition of an asphalt walking trail on the eastern side of the proposed driveway to facilitate future active transportation connections within the office park and beyond.*
5. The applicant depicted a designated open space on the site plan to be 0.68 acres or 5% of the total net tract area. *We note the addition of a short nature trail within the recreational open space area. However, as noted above, we recommend consideration of a bench or similar to increase use of the area. We also recommend the applicant consider options to increase the length of the proposed trail (possibly creating a loop) to make it more attractive as an amenity to employees.*

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6. *While we note in their response letter the applicant notes the open space area will be owned and maintained by the property owner, we see no mention of this on the Overall record Plan (Sheet 2), the Site Layout Plan (Sheet 4), or the Landscape Plan (Sheet 18). We suggest this notation be added where appropriate.*

Subdivision and Land Development Ordinance

7. *We note that the applicant has received waivers for items relating to tree removal and replacement that were originally noted in our first review letter dated March 3, 2023.*
8. *We note that in their response letter dated April 25, 2023, the applicant has filed a NPDES permit application to the Chester County Conservation District and expects the riparian buffer management will be a condition of approval. We suggest the applicant provide said management plan to the Township's consultants for clarification upon receipt.*
9. We recommend that the Township verify that the applicant is compliant with §162-57 B, Landscape plan.
10. *The landscape plan mentions that groundcover shall be planted in uniform rows throughout all groundcover bed areas, yet it is unclear which plants in the plant lists are being used as groundcovers. In addition, it is unclear what the hatching shown in the planting areas refers to. Are these areas to be planted in ground cover or is this indicating turfgrass? Suggest clarifying with either a legend or notation on the landscape plan. Given the proximity to existing natural areas, we suggest the applicant give careful consideration to the transition of plant material and composition on the western side of the property to best mimic the natural surroundings. A selection of native groundcovers would minimize the need for mulch in future years (if the hatching indicates mulched areas) and provide greater environmental benefits than turfgrass alone.*

Mr. Tony Scheivert
Upper Uwchlan Township Manager

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Reference: Eagleview Lot 1A –The Hankin Group
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**VIII. TOWNSHIP SEWER CONSULTANT COMMENTS
ARRO CONSULTING, INC.**

1. The Applicant is proposing to construct a 60,600 square feet (SF) proposed flex building. In accordance with the Act 537 Plan, wastewater generated on this property is to be conveyed to and treated at the Eagleview Wastewater Treatment Plant which is located in Uwchlan Township. As such Uwchlan Township should have the opportunity to review since they will be responsible for wastewater conveyance and treatment. The Applicant's engineer has indicated that the plans have been submitted to Uwchlan Township for review.
2. All sanitary sewer improvements shall be design and constructed in accordance with the Uwchlan Township Municipal Authority Specifications. The Applicant's engineer has indicated that the plans have been submitted to Uwchlan Township for review.
3. A completed Sewage Facilities Planning Mailer has been provided, prior to completing Item 8d, the Uwchlan Township Municipal Authority shall provide a letter indicating that the facilities proposed for use have capacity and that no overload exists or is projected within 5 years. The Applicant's engineer has indicated that the Mailer haas been submitted to Uwchlan Township for review.

This concludes our 2nd review of the above-referenced application. We would recommend the plans be revised to address the above-referenced comments as well as any raised by the Planning Commission and the Board of Supervisors. If you have any questions, please do not hesitate to contact me.

Sincerely,

David N. Leh

David N. Leh, P.E.
Vice President
Gilmore & Associates, Inc.

Mr. Tony Scheivert
Upper Uwchlan Township Manager

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Reference: Eagleview Lot 1A –The Hankin Group
Proposed Flex Use Building Development
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Upper Uwchlan Township, Chester County, PA

File No. 03-0987.16

May 30, 2023

cc: Upper Uwchlan Township Planning Commission Members
Upper Uwchlan Township Board of Supervisors
Gwen Jonik – Township Secretary
Rhys Lloyd – Director of Code Enforcement
Anthony Campbell – Zoning Officer
Richard Ruth – Township Fire Marshall
Kristin Camp, Esq. – Buckley, Brion, McGuire, & Morris LLP
Rob Daniels, Brandywine Conservancy
Christopher J. Williams, P.E., McMahon Associates, Inc.
G. Mathew Brown, P.E., ARRO Consulting, Inc.
David Schlott, P.E., ARRO Consulting, Inc.
Neal Fisher, The Hankin Group, Owners/Applicant
Richard F. Stratton, P.E., Chester Valley Engineers, Inc.



SUBDIVISION / LAND DEVELOPMENT APPLICATION

Preliminary Submittal

Final Submittal

The undersigned hereby applies for review of the Plan submitted herewith and described below:

1. Name of Subdivision / Development: Eagleview Lot 1A
2. Plan Dated: December 1, 2022 County Deed Book/Page No. Book 188, Page 275
3. Name of property owner(s): Hankin Group

Address: 707 Eagleview Boulevard, Suite 400, Exton

State/Zip: PA 19341 Phone No.: (610) 458-1900

Email: neal.fisher@hankingroup.com

4. Name of Applicant (If other than owner):

Address: _____

State/Zip: _____ Phone No.: _____

Email: _____

5. Applicant's interest (If other than owner): _____

6. Engineer, Architect, Surveyor, or Landscape Architect responsible for Plan.

Chester Valley Engineers

Address: PO Box 447, Paoli

State/Zip: PA 19301 Phone No.: (610) 644-4623

Email: rstratton@chesterv.com

7. Total acreage: 13.6 Number of Lots: 1

8. Acreage of adjoining land in same ownership: (If any) N/A

9. Describe Type of Development Planned: Development of flex building, parking, loading areas, drives, utility connections, stormwater

management, landscaping, lighting and associated site improvements.

140 Pottstown Pike, Chester Springs, PA 19425

Phone: (610) 458-9400 • Fax: (610) 458-0307

www.upperuwchlan-pa.gov

10. This Application shall be accompanied by: the Application Fee as listed below, an aerial image of the property, and the quantity of plans/supporting information as detailed in the Township Code §162-8.B.(1)(b) and/or §162-8.C.(1)(d).
[One-half of the required plan submissions may be of a reduced size, i.e. 11 x 17]
11. List all subdivision and zoning standards or requirements which have not been met and for which a waiver or change is requested.
162-41.G Sidewalk expansion joints
162-55.B(3)(a), 162-55.B(6), 162-55.B(7), 162-55.B(8), 162-55.B(9) Woodland Disturbance
162-7.B.2 - Combined Preliminary/Final Land Development
12. The Applicant or his/her agent shall enter into a Subdivision / Land Development Review Escrow Agreement (attached) and place into escrow with the Township at the time of application an amount estimated by the Township to cover all costs of engineering and professional planning reviews (not including County application fee), legal services and other professional services used by the Township in connection with the application.

Signature of Property Owner or Applicant:


By: Neal Fisher
Date: 2/2/23

*Development subject to ACT 209 Impact Fee.

*Park & Recreation Fee per residence is levied. Contact Township Offices to determine amount.

SUBDIVISION / LAND DEVELOPMENT APPLICATION FEE

1-2 Lots \$250

3-5 Lots \$500

Plus \$25 for each Lot over 3

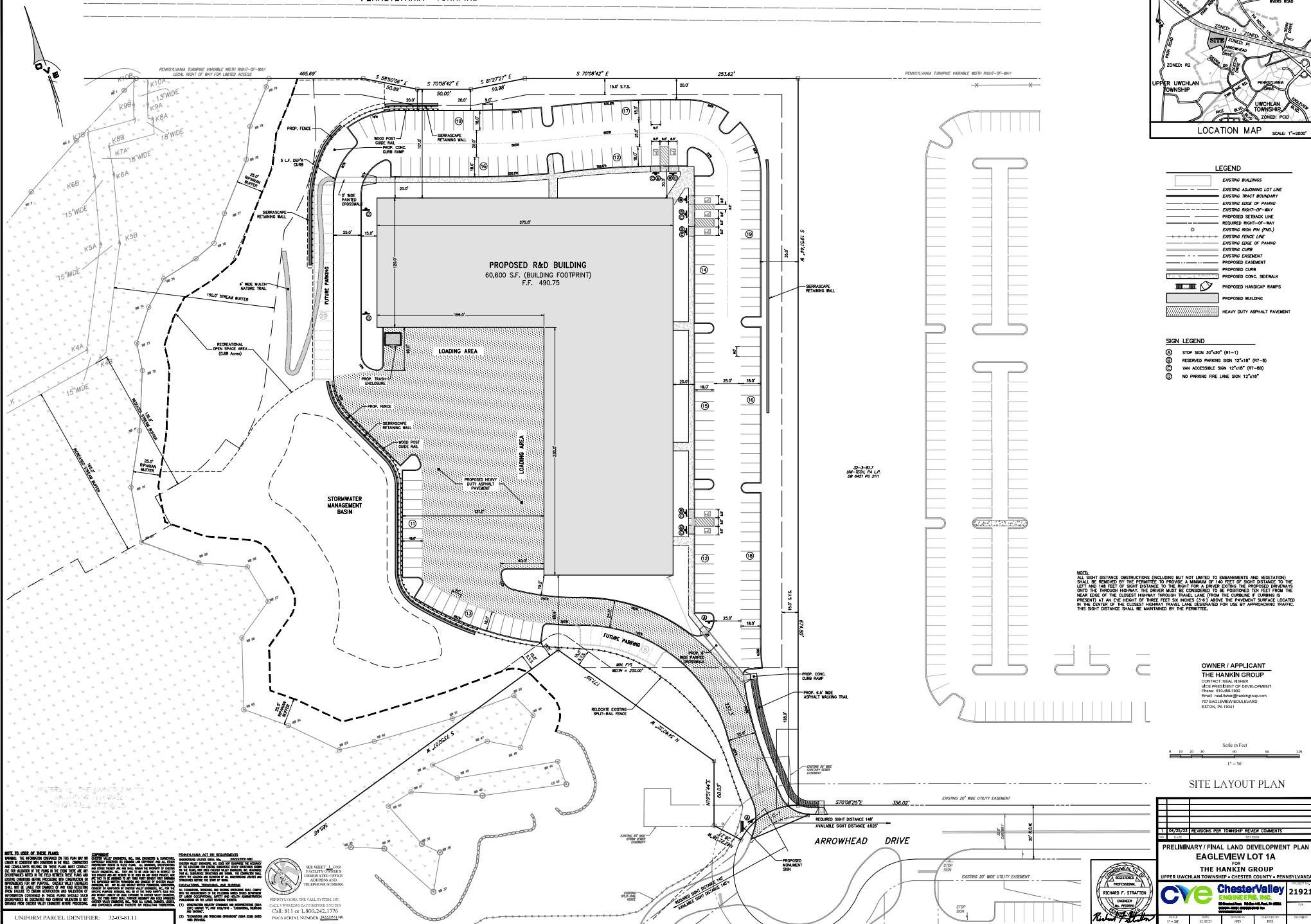
Over 5 Lots \$1000

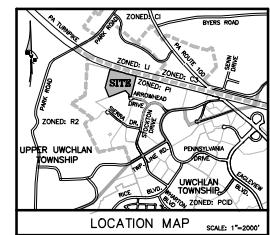
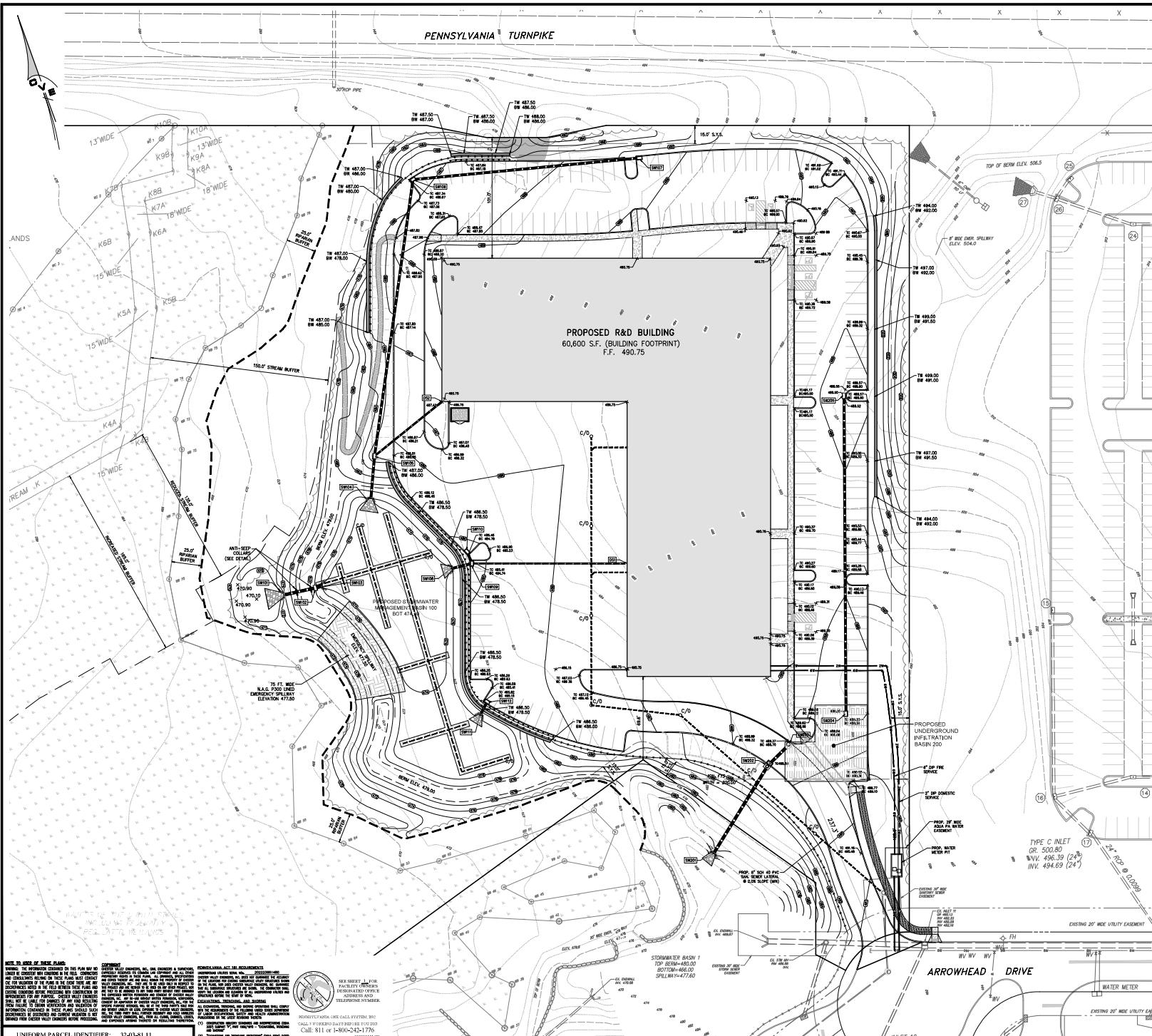
Plus \$50 for each Lot over 5

Form revised January 2015

140 Pottstown Pike, Chester Springs, PA 19425
Phone: (610) 458-9400 • Fax: (610) 458-0307
www.upperquachian-pa.gov

PENNSYLVANIA TURNPIKE





EXISTING FEATURES LEGEND

PROPOSED FEATURES LEGEND

CERTIFICATION OF ACCURACY

DATE RICHARD F. STRATTON, P.E.

GRADING & UTILITY PLAN

Scale in Feet

0 10 20 30 60 90 120

1 in. = 304

Digitized by srujanika@gmail.com

OWNER / APPLICANT
THE HANKIN GROUP

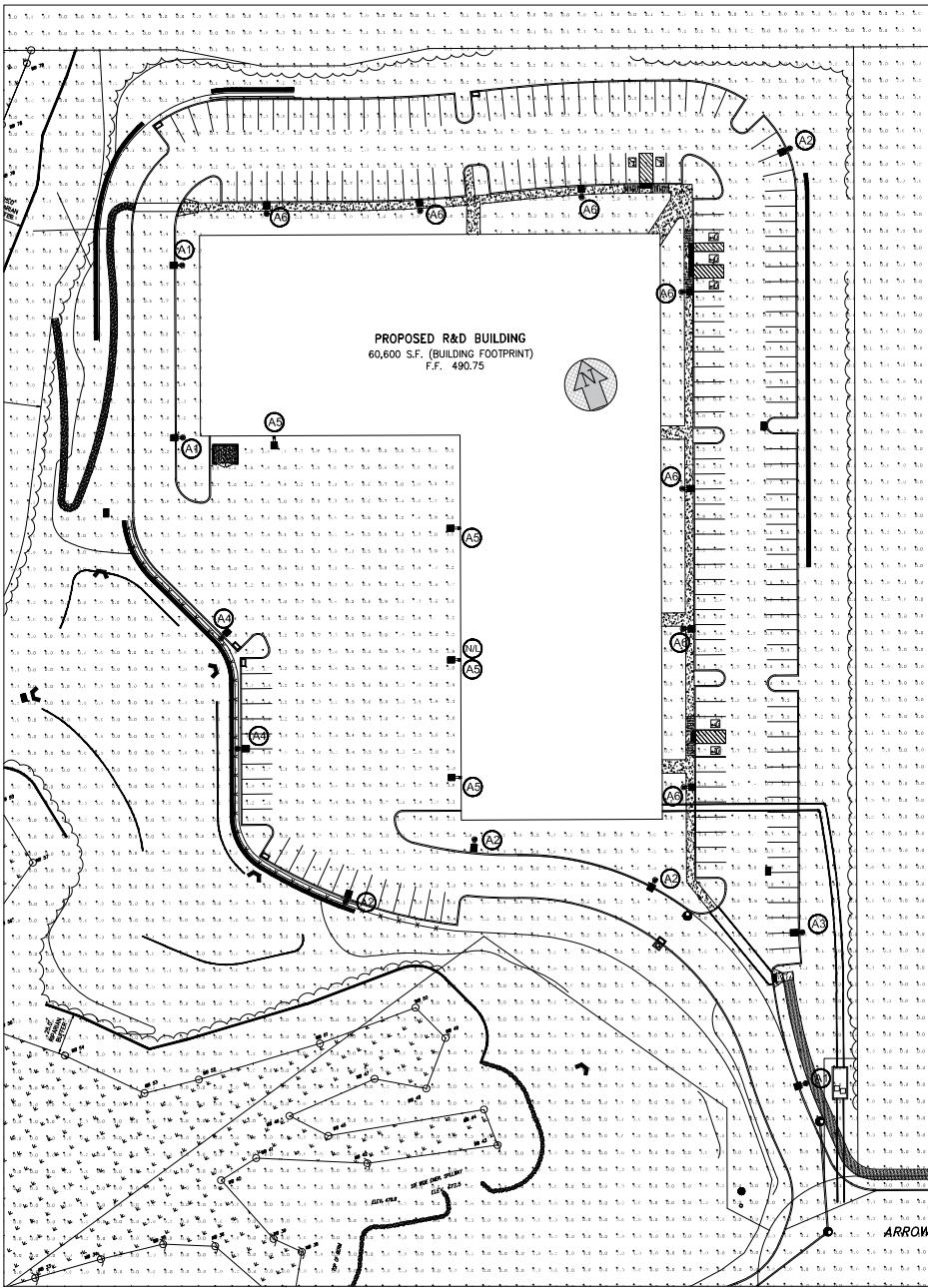
PRELIMINARY / FINAL LAND DEVELOPMENT PLAN
EAGLEVIEWS LOT 1A



FCR
THE HANKIN GROUP
 UPPER UWCHLAN TOWNSHIP - CHESTER COUNTY - PENNSYLVANIA

CYB CYBERNETIC
ENGINEERS, INC.
www.cyb.com 800.224.7434 314.962.4200

SUSPENDED SUSPENDED FOR NONCOMPLIANCE				
CODE	DATE	DEPART. IN	CH/CHG IN	DRM/IN/3

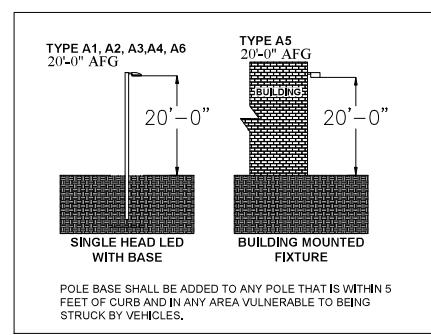


1 SITE LIGHTING

19 SCALE - 1'=30'-0"

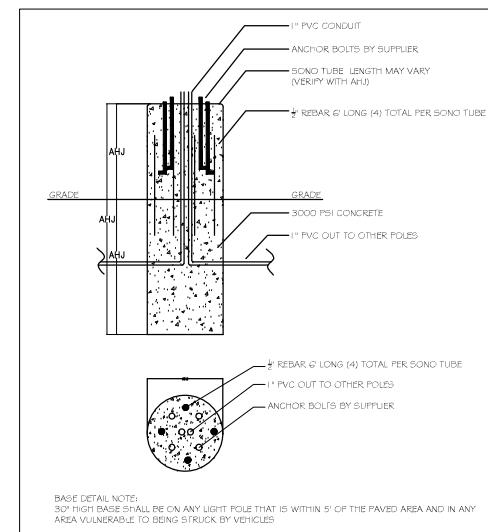
PLAN NOTES:

- ARCHITECTURAL LIGHTING TBD. FIXTURES SHALL MEET IES FULL CUTOFF CRITERIA AS WELL AS TOWNSHIP REQUIREMENTS. BUILDING ENTRANCE CALCULATIONS SHALL BE DONE AT THAT TIME.
- SIDEWALK UNIFORMITY RATIO AVG/MIN=3.88FC
- ADDITIONAL LIGHTING TO BE PROVIDED IN THE EVENT THAT RESERVED SPACE ARE CONSTRUCTED.



2 FIXTURE TYPES

19 SCALE - N/A



3 BASE DETAIL

19 SCALE - N/A

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Parking Lot	Illuminance Fc		1.13	3.3	0.3	3.77
						11.00

Luminaire Schedule							
Symbol	Tag	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
Ⓐ	A1	3	PRV-A15-D-UNV-T2-SA-BZ-7030-HSS	SINGLE	N.A.	0.9	20'-0" POLE MOUNTED LIGHT
Ⓐ	A2	4	PRV-A15-D-UNV-T3-SA-BZ-7030-HSS	SINGLE	N.A.	0.9	20'-0" POLE MOUNTED LIGHT
Ⓐ	A3	1	PRV-A15-D-UNV-T4-SA-BZ-7030-HSS	SINGLE	N.A.	0.9	20'-0" POLE MOUNTED LIGHT
Ⓐ	A4	2	PRV-A25-D-UNV-T4-SA-BZ-7030-HSS	SINGLE	N.A.	0.9	20'-0" POLE MOUNTED LIGHT
Ⓐ	A5	4	PRV-A25-D-UNV-T4-WM-BZ-7030-HSS	SINGLE	N.A.	0.9	20'-0" BUILDING MOUNTED LIGHT
Ⓐ	A6	7	PRV-A40-D-UNV-T4-SA-BZ-7030-HSS	SINGLE	N.A.	0.9	20'-0" POLE MOUNTED LIGHT

LIGHTING NOTES:

1. N/L = NIGHT LIGHT FIXTURE CONTROLLED VIA PHOTOCELL DUSK TO DAWN. ALL HEADS ON DESIGNATED POLES WILL BE NIGHT LIGHT CONTROLLED.
2. ALL OTHER LIGHTING TO BE EXTINGUISHED AT 11:00 PM.
3. ALL SITE LIGHTING COMES ON AT DUSK VIA PHOTOCELL.
- 3.1. PHOTOCELL ON - TIME CLOCK OFF.
4. THE TOWNSHIP RESERVES THE RIGHT TO CONDUCT A POST INSTALLATION NIGHTTIME INSPECTIONS TO VERIFY COMPLIANCE WITH LIGHTING ORDINANCE REQUIREMENTS, AND IF APPROPRIATE, TO REQUIRE REMEDIAL ACTION AT NO EXPENSE TO THE TOWNSHIP.
5. ALTERATIONS TO APPROVE LAND DEVELOPMENT LIGHTING PLANS OR INTENDED SUBSTITUTIONS FOR LAND DEVELOPMENT APPROVED LIGHTING EQUIPMENT SHALL BE SUBMITTED TO THE TOWNSHIP FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
6. INSTALLER SHALL NOTIFY THE TOWNSHIP ZONING OFFICER TO ARRANGE FOR INSPECTION AND APPROVAL OF ALL EXTERIOR LIGHTING EQUIPMENT, INCLUDING BUILDING MOUNTED FIXTURES, PRIOR TO FIXTURE INSTALLATION.
7. ALL PROPOSED BUILDING EXTERIOR AND SITE LIGHTING SHALL BE INSTALLED AND MAINTAINED BY THE PROPERTY OWNER.
8. SITE LIGHTING PLAN SHOWS ALL PROPOSED PARKING LOT LIGHTING.
9. ALL EXTERIOR BUILDING LIGHTS SHALL BE FULL CUTOFF.

Seal

ULTRA SERVICES, INC.
5 GREAT VALLEY PARKWAY
SUITE 202
MALVERN, PA 19355

EAGLEVIEW LOT 1A UPPER UWLCHAN TOWNSHIP, PA

EAGLEVIEW LOT 1A

SITE LIGHTING LAYOUT

Revisions:
REV 1. 12/20/2023
REV 2. 1/21/2024
REV 3. 4/26/2024

Drawn RC
Approved 1/16/2024
Scale AS SHOWN

19 of 20

Dwg. No.

SITE LIGHTING



UPPER UWCHLAN TOWNSHIP

Planning Commission Meeting

April 13, 2023

6:00 p.m. Workshop,

7:00 p.m. Meeting

Minutes

Draft

LOCATION: Township Building, 140 Pottstown Pike, Chester Springs PA 19425

6:00 p.m. Workshop

Attendees:

Sally Winterton, Chair; Chad Adams, Jim Dewees, Jeff Smith

Gwen Jonik, Planning Commission Secretary

Sally Winterton called the Workshop to order at 6:16 p.m. The group reviewed the current residential district uses. Discussion included: the concept of an agriculture preservation overlay; affordable housing – is that subsidized housing, perhaps in the Planned Industrial/Office (PI/O) district, are there grants for that; in-law quarters – allowed if attached to an existing house; if detached, can that be considered a customary residential accessory use? For family only and detached, there should be additional approvals required. Make sure the references are crossing each residential district.

The Workshop was adjourned at 6:56 p.m.

7:00 p.m. Meeting

Attendees:

Sally Winterton, Chair; Chad Adams, Jim Dewees, Ravi Mayreddy, Jeff Smith

MaryLou Lowrie, P.E., Gilmore & Associates

Gwen Jonik, Planning Commission Secretary

Absent: David Colajezzi, Stephen Fean, Joe Stoyack

Sally Winterton called the Meeting to order at 7:00 PM as a quorum was present. There were 7 citizens in attendance.

301 Park Road / P.J. Reilly Headquarters – Revised Preliminary Land Development Plan

Monica Sweeney, P.E., Wilkinson & Associates, summarized the project, then discussed Gilmore's April 7, 2023 review letter, which included all of the consultants' comments.

The parcel currently contains a ranch house. PennDOT recently expanded the turnpike bridge adjacent to the parcel. The project is to construct a building to consolidate P.J. Reilly's work and office space –part office space, part garage, and will include a storage yard for equipment, public water and public sewer, stormwater management on site, with a retaining wall around the site and slightly into the existing basin. There will be 1 above-ground basin and 3 in-ground basins, with an Operation & Maintenance Agreement for the basin. They'll seek variances for encroaching the rear yard setback, for the front parking lot being within 25' of the ultimate right-of-way and for the storage area in the front yard. They have approximately 40 employees – about half work in the office, the other half go right to the job sites. They will seek waivers from providing sidewalks, as the trail is across the road, regarding the stormwater management setback – they're proposing a larger basin to retain the water and release it slower, and from providing all the required landscaping as there isn't enough room. They propose fewer plantings but plants with larger caliper and taller and include existing plants in the count. Commission members suggested a tree inventory be done, determine

what trees would remain, and to make sure the storage area is well-screened. They discussed the Applicant seeking the variances with the Zoning Hearing Board before the Commission considers any recommendations to the Board.

Jeff Smith moved that the Planning Commission recognizes the Applicant's waivers and variances, that the Commission has no objections, no contest, to the variances and agrees with the waivers, and that the Applicant will comply with all other comments in Gilmore's review letter. The waivers include no sidewalks and to not provide all the required plantings, but screening to the fullest extent on the Lot. Jim Dewees seconded, and the motion carried unanimously.

Ms. Sweeney advised they will seek the variances from the Zoning Hearing Board before returning to the Planning Commission.

100 Greenridge Road Preliminary Land Development Plan

Alyson Zarro, Esq., representing Toll Mid-Atlantic, introduced Toll's Preliminary Land Development Plan for 100 Greenridge Road, proposing 64 single family dwellings. The Zoning Hearing regarding construction in steep and prohibitive slopes began last evening and will continue May 31, 2023. The Preliminary Plan has much more detail than the plans that were submitted for the conditional use hearings and the zoning hearing. There are 8 waivers requested.

Ms. Zarro/Toll have provided a waiver from the MPC plan review clock. Ms. Zarro highlighted the changes to the plan since receiving conditional use approval: the spine road width has been reduced to 28' wide, there are only 3 houses proposed at the entrance near Greenridge Road – the other lot has been moved to the top, there's a village green and tot lot, some trails were removed, the western property line will have a 50' undisturbed buffer – all grading will stop at the property lines, sidewalks are on both sides of the streets, there's a 10' landscaped buffer along the Shea Lane properties, the existing wire fence will remain and be the responsibility of the homeowners association, the emergency access from Lauren Lane is delineated with bollards which will be coordinated with the fire marshal or fire company, the grade of the road will be 10% or 11%, and the extra disposal field is to be kept in reserve.

Gerry Stein, Greenridge Road resident, questioned the waivers, approval process, and difference between waivers and variances. Commission members and Ms. Zarro answered his questions.

Steve Egnacyk, Stonedhedge resident, commented the topographic map he was viewing was outdated and Toll should have to update it for accuracy of existing conditions. Ms. Zarro will check with Toll about the latest survey and the data it was based upon.

Sue Quake, Lauren Lane resident, questioned the number of waivers. Ms. Zarro advised that the number of waivers is dependent on the size and complexity of each development.

Chad Adams moved, seconded by Jim Dewees, to accept the Preliminary Plan for consultants' review. The motion carried unanimously.

Approval of Minutes

Jeff Smith moved, seconded by Jim Dewees, to approve as presented the minutes of the March 9, 2023 Planning Commission meeting. The motion carried unanimously.

Gerry Stein questioned the result of the discussion regarding Airbnbs. He was advised that it was just a discussion, no result.

Meeting Updates

Environmental Advisory Council (EAC). Jeff Smith reported the EAC is investigating a single-use plastic ban but they're concerned what that would mean for local businesses; an E-waste and shredding event is scheduled for May 20; they're looking into adopting a road for cleanup.

Historical Commission (HC). Gerry Stein reported in David Colajezzi's absence that the stucco has been removed from the Fetter's farmhouse; the HC is working on an historic resource protection plan and whether it'll be for the villages or township-wide; Sally Winterton advised the Township will again be on the County's Town and Village Walk summer program; and Gerry reported the HC will also participate in The Life & Times of the Struble Trail in May and the Township Block Party in June.

Active Transportation Plan (ATP). Sally Winterton reported in Steve Fean's absence that a public survey will be crafted for residents to complete regarding traffic issues -- trail connections, fitting in bicycle lanes, swapping Route 100 with Graphite Mine Road, etc. There will be a public meeting May 17 to start the process.

Gerry Stein asked if the Commission had reviewed the draft Historic Resource Protection Plan. Gwen Jonik advised that several Commission members had comments and they would be forwarded to the HC.

Sally Winterton announced the next scheduled meeting is May 11, 2023. Gwen Jonik advised she wouldn't be in attendance.

Open Session

Sally Winterton commented that with increased interest in community gardens, is that topic for the homeowners' associations (HOA) to promote and 'install'. It is believed that each HOA would have to determine the level of interest and where it could be located.

Adjournment

Jim Dewees moved, seconded by Chad Adams, to adjourn at 8:57 p.m. All were in favor.

Respectfully submitted,

Gwen Jonik,
Planning Commission Secretary



UPPER UWCHLAN TOWNSHIP
PLANNING COMMISSION MEETING
May 11, 2023
6:00 Workshop
MINUTES
Draft

LOCATION: Township Building, 140 Pottstown Pike, Chester Springs, PA 19425

6:00 PM Workshop

In attendance:

Joe Stoyack, Vice-Chair; Chad Adams, David Colajezzi, Sandy Diffendal

Joe called the Workshop to order at 6:10 PM

At the last session of the Planning Commission, Zoning Districts R1 & R2 were discussed, and affordable housing was mentioned. Anthony Campbell, Upper Uwchlan Township Zoning Officer had discussed in-law quarters and whether they could be attached or detached. Also, can they be rented? But there is no way to register rentals, so the ownership would be questioned. Can they be subdivided? He gets requests for in-law suites with kitchenette. These must be attached, but we cannot enforce the number of people living there.

R-1 has 2-acre limits; there could be a guest house, pool house, an apartment over a garage. R-2 must keep the limit at 1 acre.

How can we prevent someone from renting a room in a house? We do not want to encourage people to rent rooms, we want to discourage that. If it does happen, can we address it in a way to clean up properties.

Air B & B's

Apparently, people are renting rooms. It should be okay as long as the underlying zoning is kept up with. Chad suggested make it 'Conditional Use' to make it easier. The next issue was to consider wastewater - what would be the capacity for sewer? Would there be an additional sewer fee? There was discussion about setting up a registry. They would have to get a permit and show the setback.

Possibly allow single family homes to be rented. Possibly allow Air B&B's to be short term rental.

How would we enforce the requirements? There would be neighbors 'telling on them' if there were problems. There would only be 2 bulk items for each property as it is now. With more families, there would be more bulk. How do we enforce that? These items need more discussion.

Regarding the Agricultural District west of Marsh Creek, a tax incentive to property owners could be offered for 10 acres or more.

Affordable Housing issue

Chad began the discussion by stating that he did not think it was a zoning issue. There could be multifamily homes, single family homes, rental rates and possibly housing could be maintained at a set price. The Township could apply for some applicable grants, and then the Township could take over development and/or management. Joe mentioned that Oregon, Washington state, and California prohibit single family housing. They allow for duplexes, quads, and six family structures. David remarked that South Dakota is trying to create more affordable housing. Joe suggested that they investigate more studies, and try to create a model, and do more background investigation.

Joe called for a recess at 6:50 p.m.

7:00 PM Meeting

Joe Stoyack Vice-Chair called the regular meeting to order at 7:00 p.m. Present at the meeting were Jeff Smith, Chad Adams, David Colajezzi, Ravi Mayreddy, Stephen Fean, Jim Dewees Tony Scheivert, Township Manager Sandy Diffendal (for Gwen Jonik)

Alyson Zarro and Neal Fisher were in attendance.

Re-development and re-zoning were reviewed but no decisions were made.

260 Sierra Drive Conditional Use Application

Neal Fisher asked for the Planning Commission's vote of confidence to the Board of Supervisors for the Conditional Use Application for the 260 Sierra Drive property, also known as Lot 1B in the Eagleview Corporate Center. The property is zoned PI, Planned Industrial/Office District, and has been improved with a 79,005 s.f. flex building which is currently used for manufacturing, warehousing, a laboratory for scientific research and development, and offices. All of these uses, except manufacturing, are permitted by right in the PI District. Manufacturing is permitted by Conditional Use.

In June 2016, the Hankin Group was granted conditional use approval for manufacturing of silicone hydrogel by DSM Biomedical (DSM) within a maximum 30,000 s.f. of the building. DSM anticipated utilizing 20,500 s.f. In 2023, less than the total square footage approved was utilized.

The applicant is now seeking to use a portion of the existing space DSM occupies in the building for a different manufacturing use. The product is Seprafilm, which is now being manufactured in Massachusetts. That manufacturing operation would move to the Property. The total square footage of manufacturing in the portion of the building used by DSM would be 28,060 s.f., which would include the existing silicone hydrogel and the proposed Seprafilm.

The Applicant is proposing to construct an addition which would be utilized for warehousing. A total of 224 parking spaces are required for the 4 uses. The existing site conditions, parking changes

and a place to keep electrical equipment are on the Conditional Use application prepared by Chester Valley Engineers, Inc. dated April 19, 2023.

After this explanation, Mr. Fisher introduced several DSM employees - John Witkowski, President of DSM Biomedical, Harry Pickar, Process Engineer, David Frantz, Project Manager, Luis Colon, Facilities Manager - who took time to explain what the product is and how it will be used.

Joe Stoyack asked for an Ordinance review for hazardous waste. Mr. Fisher replied that everything complies with all building and safety codes. Joe said that the prior conditional use had specific chemicals.

Jim Dewees mentioned the noise level. Neal said that there will be no excess equipment to generate any more noise. There will be 2 shifts working possibly 10-hour shifts.

The prior conditional use that was granted had an MSPS sheet to make sure we would know about what chemicals are being used and what the fire requirements will be. The plant would have to pass periodic inspections. OSHA would have the right to access, as would the Fire Marshall.

Jeff Smith moved that the Board of Supervisors start the process to approve the Conditional Use application. Dave Colajezzi seconded the motion. All were in favor, the motion carried unanimously.

Approval of Minutes

Joe Stoyack noticed that there was a duplicate sentence regarding the number of citizens in attendance. They will be approved when corrected.

Other Business

Jeff Smith was not able to determine what the EAC's proposed plastic bag ban would mean for local businesses. He is working on a litter pickup for Graphite Mine Road and will work on a plastic ordinance.

There is an Active Transportation Plan public workshop coming up at Pickering Valley Elementary School. Joe suggested that someone from that meeting could give the Planning Commission an overview.

Dave Colajezzi suggested that the Commission take a break from 6:00 Workshops in the summer.

Also discussed were the warehouse additions that will be built in Uwchlan Township. Steve Fean said that was not the Planning Commission's responsibility. There was a suggestion that standards be put into place quickly so that does not happen in Upper Uwchlan Township.

Adjournment

Joe Stoyack moved to adjourn the meeting at 7:46 p.m. Jim Dewees seconded. All in favor.

Respectfully submitted,

Sandy Diffendal