

#### SITE DATA:

- APPLICANT/ OWNER  
IMT, LLC  
4166 BIRCHWOOD LANE  
MECHANICSBURG, PA 17055  
PHONE: (717) 443-5660  
CONTACT PERSON: BILL ROCUSKIE
- THE SITE IS ZONED C-2: GENERAL COMMERCIAL DISTRICT.
- SITE IS TAX PARCEL #13-25-0024-005.
- SITE ADDRESS IS 1025 AUDUBON ROAD, MECHANICSBURG.
- TOTAL SITE AREA: 33,382 SQUARE FEET, OR 0.77 ACRE
- PROPOSED USE: 618 SQUARE FOOT OFFICE BUILDING (BUILDING IS EXISTING) FOR A CONTRACTOR WITH 2,785 SQUARE FOOT PROPOSED POLE BUILDING FOR EQUIPMENT STORAGE: NAICS CATEGORY NO. 23.
- REQUIRED OFF-STREET PARKING:  
ONE SPACE FOR EVERY 200 GROSS SQUARE FEET OF OFFICE, EQUALS 618 GROSS FLOOR AREA  
SQUARE OFFICE BUILDING, DIVIDED BY 200 = 4 SPACES REQUIRED. FOUR (4) SPACES ARE PROVIDED.
- PROPOSED IMPERVIOUS LOT COVERAGE: (INCLUDES GRAVEL SURFACING) 20,605 SQUARE FEET, OR 61.7%
- EXISTING AND PROPOSED LOT WIDTH AT STREET LINE: 160.65 FEET
- EXISTING AND PROPOSED WATER: PUBLIC (EXISTING LATERAL)
- EXISTING AND PROPOSED SEWER: PUBLIC (EXISTING LATERAL)
- EXISTING AND PROPOSED NUMBER OF LOTS: 1

#### ZONING DATA:

THE SITE IS ZONED C-2 GENERAL COMMERCIAL DISTRICT.

MINIMUM LOT AREA: NONE  
MINIMUM LOT WIDTH: 50 FEET  
MINIMUM FRONT YARD: 30 FEET  
MINIMUM SIDE YARD: 10 FEET  
MINIMUM REAR YARD: 35 FEET  
MAXIMUM IMPERVIOUS COVERAGE: 70%  
MAXIMUM BUILDING HEIGHT: 75 FEET

#### SITE COVERAGE CALCULATION (AS OF MAY 1, 2019)

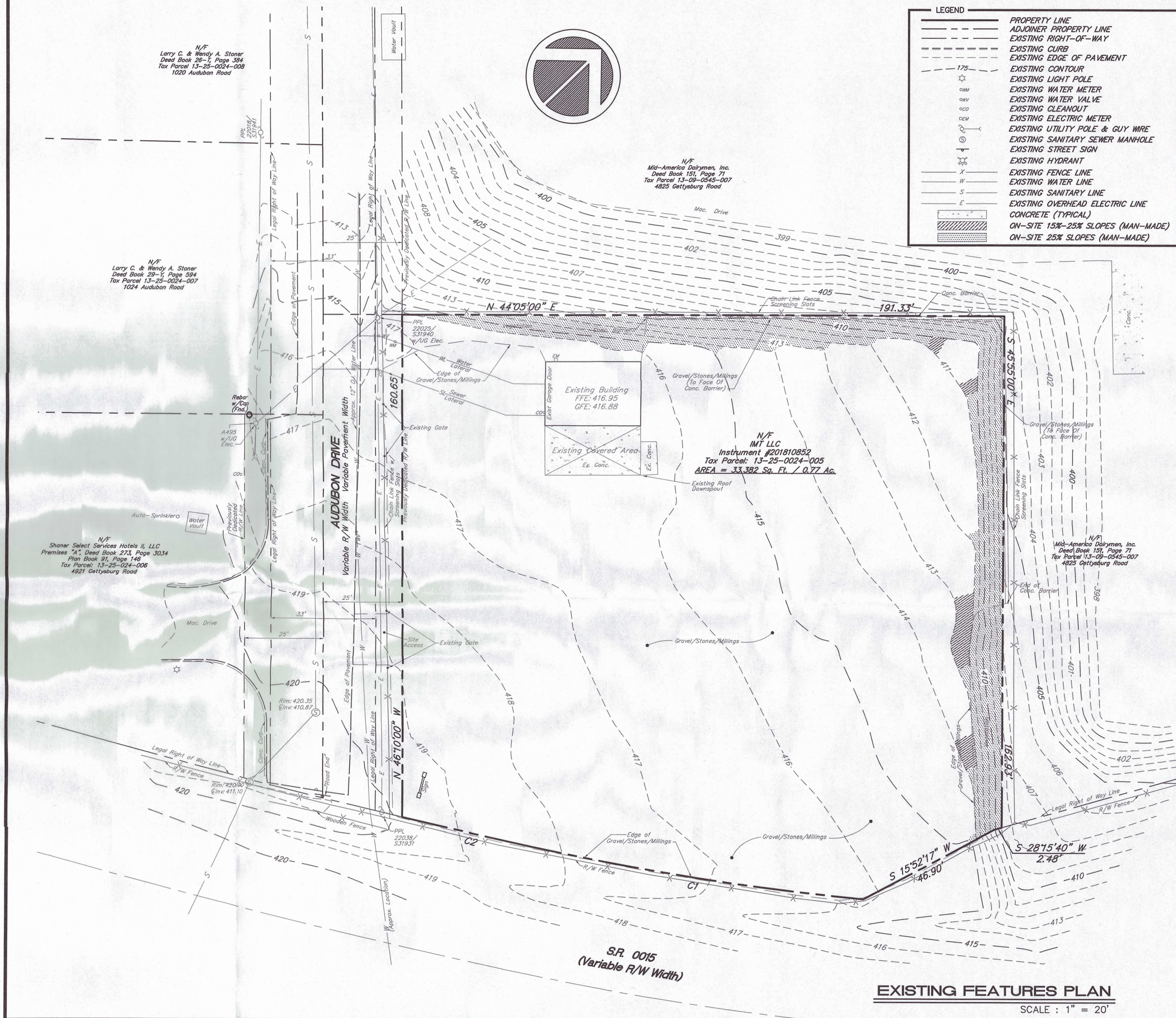
BUILDING:	618 S.F.	2%
CONCRETE:	669 S.F.	2%
COMPACTED GRAVEL/STONE:	30,490 S.F.	91%
VEGETATION:	1,605 S.F.	5%
TOTAL LOT AREA:	33,382 S.F.	100%

#### PROPOSED COVERAGE CALCULATION:

BUILDINGS:	3,404 S.F.	10.2%
IMPERVIOUS SURFACES:	1,853 S.F.	5.5%
COMPACTED STONE/GRAVEL:	15,348 S.F.	46.0%
VEGETATED AREAS:	12,777 S.F.	38.3%
	33,382 S.F.	100.00%

#### GENERAL NOTES:

- THE PURPOSE OF THIS PLAN IS TO CONSTRUCT A STORAGE BUILDING, ADD REQUIRED PARKING AND DRIVEWAY, AND CONVERT SOME COMPACTED GRAVEL AREA TO PERVIOUS AREA/TURFGRASS. THIS PLAN IS A MINOR REVISION TO THE PLAN APPROVED BY LOWER ALLEN TOWNSHIP ON OCTOBER 28, 2019 AND RECORDED IN INSTRUMENT #201905089 ON 12/13/2019. THIS PLAN CHANGES THE ORIENTATION OF THE STORAGE BUILDING.
- THE EXISTING ON-SITE SITE FEATURES DEPICTED HEREON ARE FROM A FIELD SURVEY PERFORMED BY ALPHA CONSULTING ENGINEERS, INC. COMPLETED APRIL 8, 2019. THE SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE PACKAGE.
- VERTICAL DATUM (NAVD88) WAS ESTABLISHED BY GPS OPERATION. HORIZONTAL DATUM WAS ESTABLISHED BY PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (NAD83), SOUTH ZONE 3702.
- NO PORTION OF THIS SITE LIES WITHIN THE 100-YEAR FLOOD PLAIN, REFERENCED AS 'ZONE X', AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY, TAKEN FROM FLOOD INSURANCE RATE MAP PANEL 279 OF 480, MAP NUMBER 42041C0279E, BEARING AN EFFECTIVE DATE OF MARCH 16, 2009.
- ALL SOIL MAPPED BY NRCS FOR THIS SITE IS HAGERSTOWN SILT LOAM, ROCKY, 3 TO 8 PERCENT SLOPES.
- THE LOCATIONS OF EXISTING UTILITIES SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION OF SERVICE LOCATIONS PRIOR TO EXCAVATING.
- THERE ARE NO WETLANDS ON THIS SITE.
- NO LANDS OR FACILITIES ARE PROPOSED FOR DEDICATION TO PUBLIC USE.
- THIS PROJECT SHALL BE COMPLETED IN ONE PHASE, POSSIBLY BEGINNING IN SUMMER OR AUTUMN 2020.
- PROPERTY CORNERS THAT AREA EASILY PHYSICALLY ACCESSIBLE SHALL BE MARKED WITH IRON PINS WITH A MINIMUM LENGTH OF 20", LOCATED IN THE GROUND TO EXISTING GRADE.
- A RIGHT-OF-WAY PERMIT IS REQUIRED BEFORE STARTING ANY WORK WITHIN THE PUBLIC STREET RIGHT-OF-WAY.
- THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS. ALL PAVEMENT MARKINGS SHALL BE HOT THERMOPLASTIC.
- LOT OWNER IS REQUIRED TO MAINTAIN LOT GRADING AND SURFACE DRAINAGE PATTERNS AND CHARACTERISTICS IN ACCORDANCE WITH THE APPROVED PLAN.
- LOT OWNER SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF SOIL EROSION CONTROL MEASURES; REFER TO SHEET 4 FOR CONTROL MEASURES.
- CONSTRUCTION OF ALL WORK WITHIN THE PUBLIC STREET RIGHT-OF-WAY AND WORK RELATED TO STORM DRAINAGE FACILITIES REQUIRES INSPECTION BY THE TOWNSHIP. PROVIDE A MINIMUM 48 HOURS NOTICE TO THE TOWNSHIP BEFORE STARTING WORK.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION SITE MEETING WITH THE TOWNSHIP ENGINEER AT LEAST 48 HOURS PRIOR TO STARTING SITE CONSTRUCTION ACTIVITIES.
- SITE DISTURBANCE IS PERMITTED TO START ONLY IF AND WHEN SUFFICIENT TIME IS AVAILABLE TO STABILIZE DISTURBED AREAS IN ACCORDANCE WITH PA DEP REQUIREMENTS AND WITH THE APPROVED PLAN.
- AS OF THE DATE OF THIS PLAN RECORDING, NO ADDITIONAL SEWAGE FLOWS HAVE BEEN APPROVED BY LOWER ALLEN TOWNSHIP OR THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (PA DEP), OTHER THAN FLOWS PREVIOUSLY APPROVED FOR THE EXISTING USE. NO PERMIT WILL BE ISSUED FOR ANY ADDITIONAL INSTALLATION, CONSTRUCTION, CONNECTION TO OR USE OF ANY SEWAGE COLLECTION, CONVEYANCE, TREATMENT OR DISPOSAL SYSTEM (EXCEPT FOR REPAIRS TO EXISTING SYSTEMS) UNLESS LOWER ALLEN TOWNSHIP AND THE PA DEP HAVE BOTH APPROVED SEWAGE FACILITIES PLANNING IN ACCORDANCE WITH THE PENNSYLVANIA FACILITIES ACT (35 P.S. SECTIONS 750.1 ET. SEQ.) AND REGULATIONS PROMULGATED THEREUNDER.
- APPLICANT AND OWNER ACKNOWLEDGE THAT CERTAIN PROPOSED SITE IMPROVEMENTS DEPICTED ON THIS PLAN, INCLUDING BUT NOT LIMITED TO ACCESSIBLE PARKING SPACES, ACCESSIBLE ROUTE TO THE BUILDING AND FREESTANDING SIGNS, THAT REQUIRE APPROVAL UNDER REGULATIONS CONTAINED IN THE PA UNIFORM CONSTRUCTION CODE AND/OR THE LOWER ALLEN TOWNSHIP ZONING CODE MUST BE INSTALLED IN ACCORDANCE WITH SEPARATE PERMIT APPROVALS GRANTED UNDER THOSE REGULATIONS.



#### EXISTING FEATURES PLAN

SCALE: 1" = 20'

COMMONWEALTH OF PENNSYLVANIA  
COUNTY OF YORK

ON THIS, the 14<sup>th</sup> DAY OF JULY, 2020, BEFORE ME, THE UNDERSIGNED, PERSONALLY APPEARED WILLIAM ROCUSKIE, BEING PRESIDENT OF IMT, LLC WHO BEING DULY SWORN ACCORDING TO LAW, DISPOSES AND SAYS THAT HE IS THE OWNER OF THE PROPERTY SHOWN ON THIS PLAN, THAT THE PLAN THEREOF WAS MADE AT HIS DIRECTION, THAT IT ACKNOWLEDGES THE SAME TO BE ITS ACT AND PLAN AND DESIRES THE SAME TO BE RECORDED, AND THAT ALL STREETS AND OTHER PROPERTY IDENTIFIED AS PROPOSED PUBLIC PROPERTY (EXCEPT THOSE AREAS LABELED "NOT FOR DEDICATION") ARE HEREBY DEDICATED TO THE PUBLIC USE.

Will J. Rocuskie  
\*\* Danielle M. Haines

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
DANIELLE M. HAINES, Notary Public  
Fairview Township York County  
My Commission Expires Sept. 23, 2020

\* SIGNATURE OF THE INDIVIDUAL  
\*\* SIGNATURE AND SEAL OF THE NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ACKNOWLEDGE DEEDS  
MY COMMISSION EXPIRES September 23, 2020

REVIEWED THIS 22<sup>nd</sup> DAY OF JUNE, 2020 BY THE  
Kristina B. H.  
DIRECTOR OF PLANNING

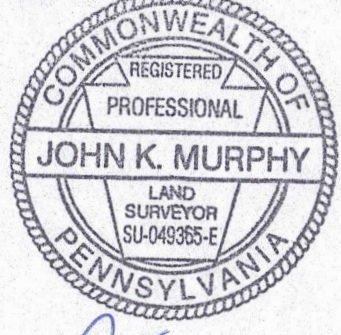
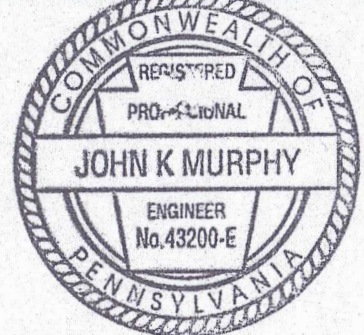
APPROVED BY THE BOARD OF COMMISSIONERS, LOWER ALLEN TOWNSHIP,  
CUMBERLAND COUNTY, PA.  
APPROVED THIS 22<sup>nd</sup> DAY OF JUNE, 2020  
CONDITIONS OF APPROVAL COMPLETED THIS 27<sup>th</sup> DAY OF  
JULY, 2020  
Danielle M. Haines John K. Murphy  
PRESIDENT ASSISTANT SECRETARY

RECORDED IN THE CUMBERLAND COUNTY COURTHOUSE  
RECORDED THIS 24<sup>th</sup> DAY OF JULY, 2020  
INSTRUMENT NO. 2020-19144

THE FOLLOWING WAIVERS WERE PREVIOUSLY APPROVED FROM THE LOWER ALLEN TOWNSHIP SUBDIVISION AND LAND DEVELOPMENT ORDINANCE (CHAPTER 192):

WAIVER SECTION	DESCRIPTION	DATE OF WAIVER REQUEST	DATE OF WAIVER APPROVAL
192-57.C.(8)	PERTAINING TO INSTALLATION OF STREET CURB	9/10/19	10/28/19
192-57.C.(9)	PERTAINING TO INSTALLATION OF SIDEWALK	9/10/19	10/28/19
192-57.C.(13)(c)(1)	PERTAINING TO IMPROVEMENT OF EXISTING STREET	9/10/19	10/28/19
192-58.C.	PERTAINING TO STREET TREES	9/10/19	10/28/19

I, JOHN K. MURPHY, ON THIS DATE 9/10/19, HAVE REVIEWED AND HEREBY CERTIFY THAT THE DRAINAGE PLAN MEETS ALL DESIGN STANDARDS AND CRITERIA OF THE LOWER ALLEN TOWNSHIP ACT 167 STORMWATER MANAGEMENT ORDINANCE, AND THAT THIS PLAN IS CORRECT AS SHOWN.



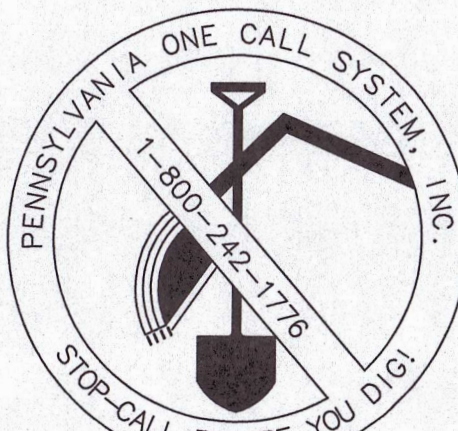
JOHN K. MURPHY, P.E., P.L.S.

#### INDEX OF DRAWINGS:

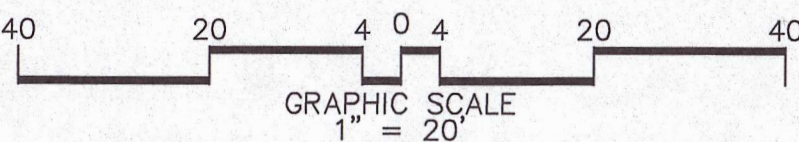
- COVER SHEET AND EXISTING FEATURES PLAN
- AERIAL CONTEXT MAP
- SITE AND GRADING PLAN
- EROSION CONTROL PLAN
- EROSION CONTROL DETAILS AND NOTES

#### UTILITY LISTING FOR LOWER ALLEN TOWNSHIP:

- WATER SERVICE  
PENNSYLVANIA AMERICAN WATER CO.  
852 WESLEY DRIVE  
MECHANICSBURG, PA 17055  
CONTACT: JEFF HORTON  
email: jeff.horton@amwater.com
- TELEPHONE  
VERIZON PENNSYLVANIA INC  
1028 HAY STREET  
PITTSBURGH, PA 15221  
CONTACT: DEBORAH BARUM  
email: deborah.d.dello@verizon.com
- PIPELINE  
BUCKEYE PARTNERS  
FIVE TEK PARK  
9999 HAMILTON BOULEVARD  
BREININGVILLE, PA 18031  
CONTACT: DAVE JONES  
email: dajones@buckeye.com
- SANITARY SEWER  
LOWER ALLEN TOWNSHIP AUTHORITY  
120 LIMEKILN ROAD  
NEW CUMBERLAND, PA 17070  
CONTACT: BRIAN KAUFFMAN  
email: bkauffman@latwp.org
- STORM SEWER  
LOWER ALLEN TOWNSHIP  
2233 GETTYSBURG ROAD  
CAMP HILL, PA 17011  
CONTACT: DANIEL FLINT  
email: dflint@latwp.org
- PIPELINE  
ENTERPRISE PRODUCTS  
9420 W. SAM HOUSTON PKWY N  
HOUSTON, TX 77064  
CONTACT: RIKI PARKS  
email: rparkes@eprod.com
- ELECTRIC  
PPL ELECTRIC UTILITIES CORPORATION  
503 N. MARKET STREET  
WILKES BARRE, PA 18702  
CONTACT: MARK SANTAYANA  
email: mcsantayana@pplweb.com
- CABLE  
COMCAST  
4601 SMITH STREET  
HARRISBURG, PA 17109  
CONTACT: MICHAEL SWEIGARD  
email: mike\_sweigard@cable.comcast.com
- PIPELINE  
ENERGY TRANSFER  
1300 MAIN STREET  
HOUSTON, TX 77002  
CONTACT: CELESTE WATERWALL  
email: celeste.waterwall@energytransfer.com
- GAS  
UG UTILITIES INCORPORATED  
1301 AIP DRIVE  
MIDDLETOWN, PA 17057  
CONTACT: STEPHEN BATEMAN  
email: sbateman@ugl.com



PA ONE-CALL SERIAL NUMBER:  
20190880965



DESIGN : T.C.S.  
DRAWN : S.R.R.  
CHECKED : J.K.M.  
DATE : 5/15/2020

PLANNING • ENGINEERING • SURVEYING  
115 LIMEKILN RD., P.O. BOX 37  
NEW CUMBERLAND, PA 17070  
PHONE: (717) 770-2600  
FAX: (717) 770-2400  
WWW.ALPHA-CE.COM

**ALPHA**  
ALPHA CONSULTING ENGINEERS, INC.

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN  
COVER SHEET AND EXISTING FEATURES PLAN  
FOR  
IMT, LLC REVISED PLAN  
1025 AUDUBON ROAD  
LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

PROJECT NO.  
319516

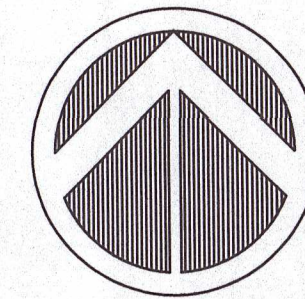
SURVEY BOOK :

SCALE: 1" = 20'

DWG: 1/2020/319516.dwg (Plan) Final  
FILE: 02-Site, Grading, E&S.dwg

SHEET 1 of 5





				DESIGN :	T.C.S.
				DRAWN :	S.R.R.
				CHECKED :	J.K.M.
				DATE :	5/15/2020
NO.	DATE	DESCRIPTION	BY		

PLANNING • ENGINEERING • SURVEYING  
16 LIMEKILN RD., P.O. BOX 63  
CHUMBERSLAND, MD 21707  
PHONE: (770) 770-2500  
FAX: (770) 770-2400  
WWW.ALPHACON.COM

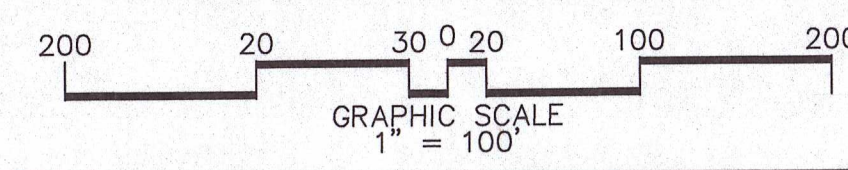
**ALPHA**  
ALPHA CONSULTING ENGINEERS, INC.

SEAL

SEAL

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN  
AERIAL CONTEXT PLAN  
FOR  
IMT, LLC REVISED PLAN  
1025 AUDUBON ROAD  
LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

PROJECT NO.  
319516  
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FILE : 02-Aerial Shading  
SHEET 2 of 5

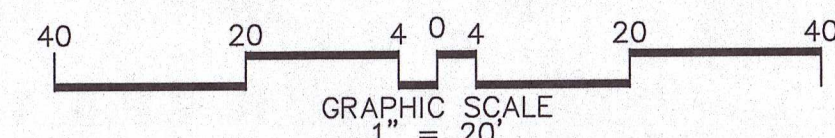
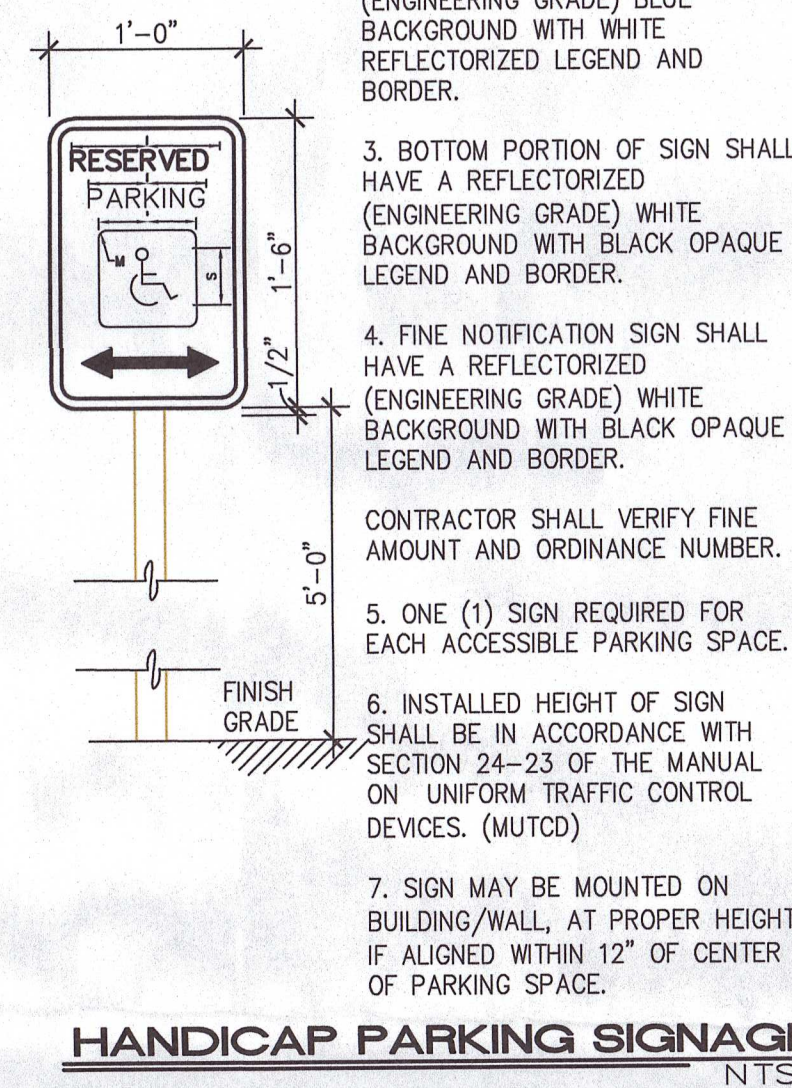
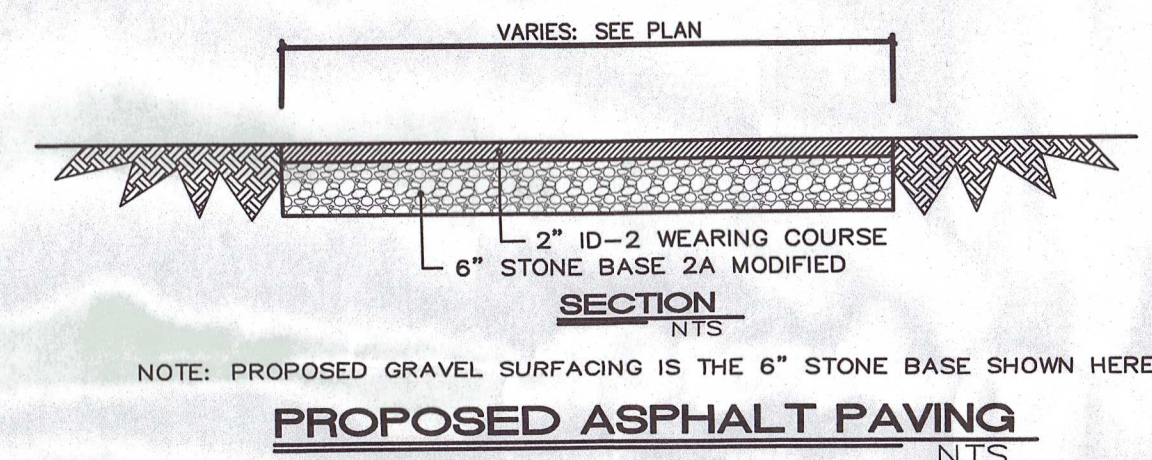
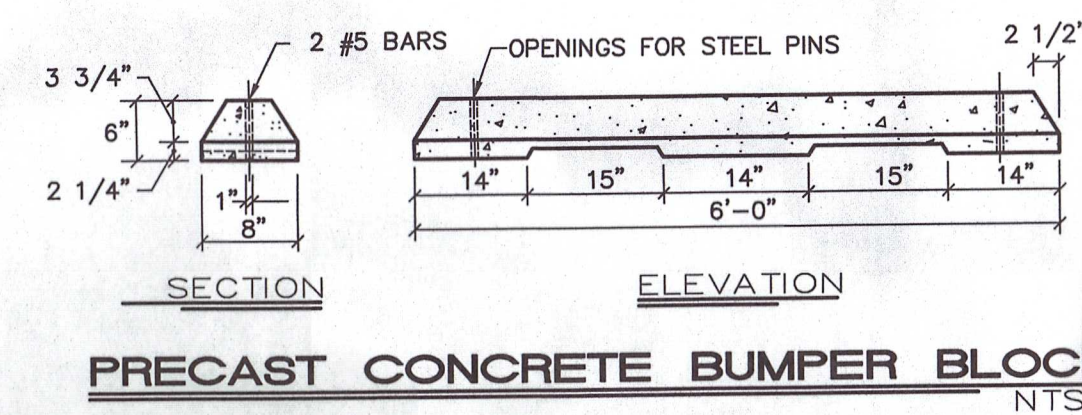
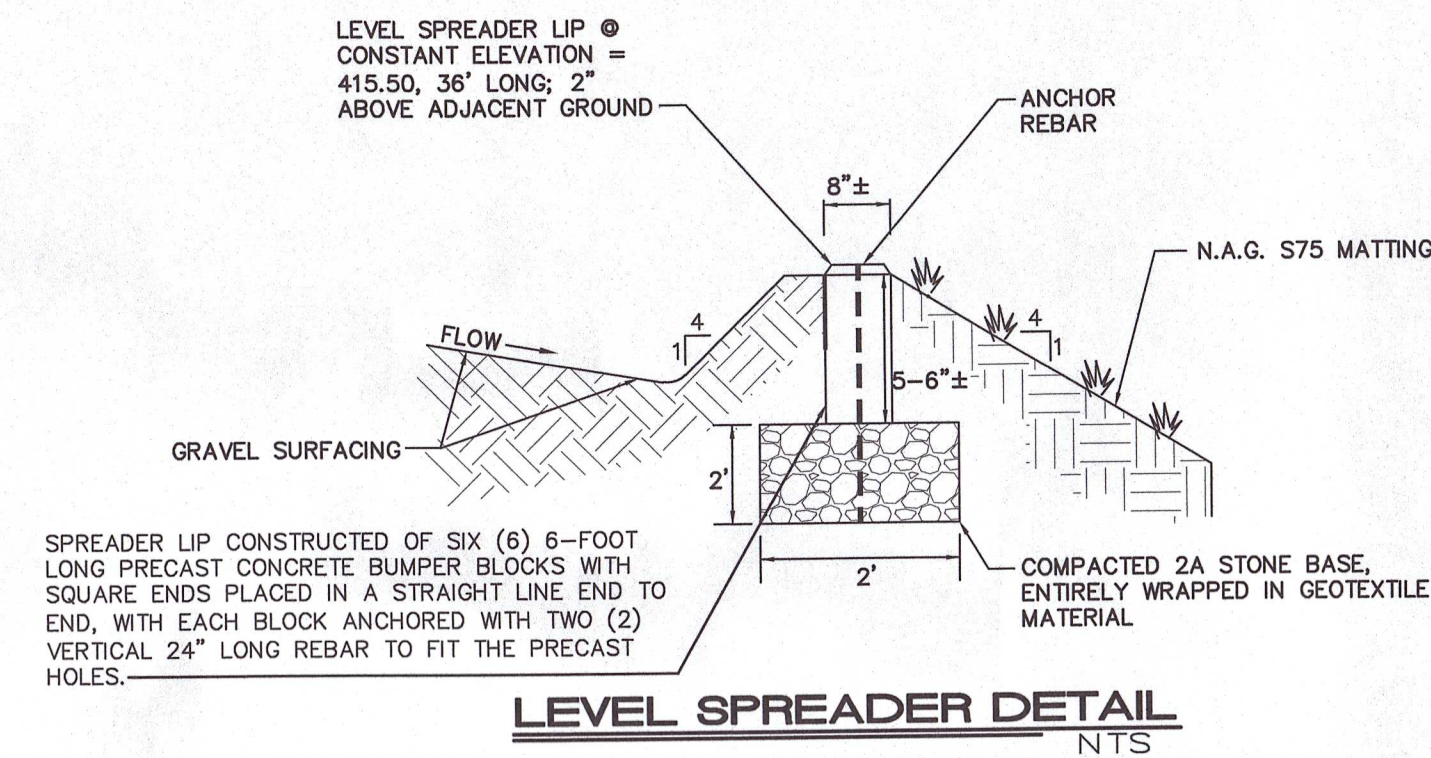
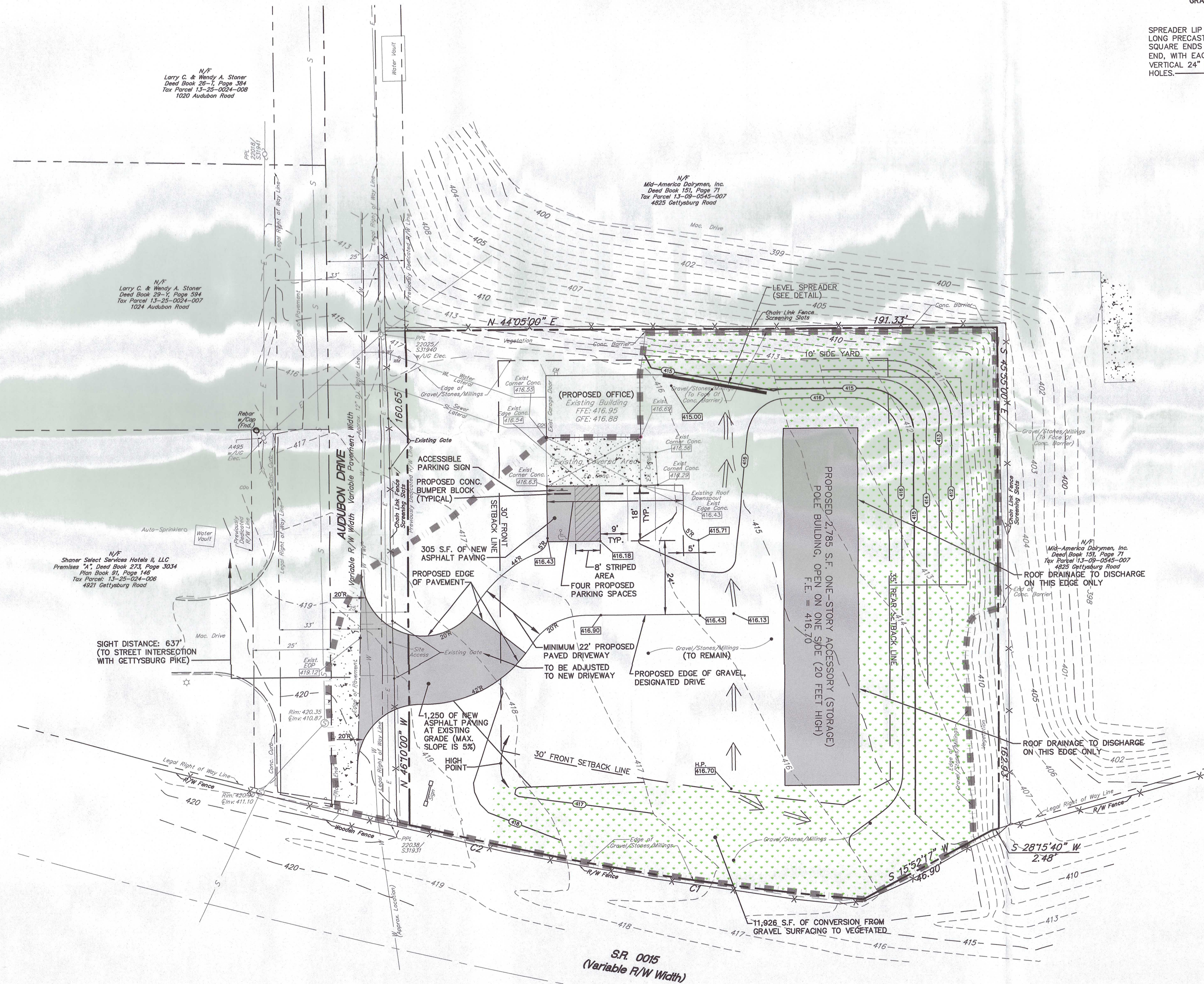




LEGEND	
---	Property Line
---	Adjoiner Property Line
---	Existing Right-of-way
---	Existing Curb
---	Existing Edge Of Pavement
---	Existing Contour
---	Existing Light Pole
---	Existing Water Meter
---	Existing Water Valve
---	Existing Cleanout
---	Existing Electric Meter
---	Existing Utility Pole & Guy Wire
---	Existing Sanitary Sewer Manhole
---	Existing Street Sign
---	Existing Hydrant
---	Existing Fence Line
---	Existing Water Line
---	Existing Sanitary Line
---	Existing Overhead Electric Line
---	PROPOSED SPOT ELEVATION
---	PROPOSED CONTOUR
---	ANALYZED WATERSHED (0.7071 AC)

LEGEND	
---	EXISTING IMPERVIOUS TO REMAIN
---	PROPOSED IMPERVIOUS
---	PROPOSED CONVERSION OF GRAVEL TO PERMANENT LAWN (SEE NOTE*)
---	EXISTING GRAVEL TO REMAIN

\* EXISTING GRAVEL TO BE REMOVED TO 6" BELOW FINISH GRADE AND 6" OF TOPSOIL TO BE PLACED PRIOR TO PERMANENT SEEDING.



DESIGN :	T.C.S.
DRAWN :	S.R.R.
CHECKED :	J.K.M.
DATE :	5/15/2020

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PRELIMINARY/FINAL LAND DEVELOPMENT PLAN  
SITE AND GRADING PLAN  
FOR  
IMT, LLC REVISED PLAN  
1025 AUDUBON ROAD  
LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

PROJECT NO.	319516
SURVEY BOOK :	
SCALE :	1" = 20'
DWG FILE :	1319516.dwg
SHEET	3 of 5



LEGEND

- Property Line
- Adjoining Property Line
- Existing Right-of-way
- Existing Curb
- Existing Edge Of Pavement
- Existing Contour
- Existing Light Pole
- Existing Water Meter
- Existing Water Valve
- Existing Cleanout
- Existing Electric Meter
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- Existing Fence Line
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- Existing Sanitary Line
- Existing Overhead Electric Line
- PROPOSED SPOT ELEVATION
- PROPOSED CONTOUR
- ANALYZED WATERSHED (0.7071 AC)

LEGEND

- EXISTING IMPERVIOUS TO REMAIN
- PROPOSED IMPERVIOUS
- PROPOSED CONVERSION OF GRAVEL TO PERMANENT LAWN (SEE NOTE\*)
- EXISTING GRAVEL TO REMAIN
- LIMIT OF EARTH DISTURBANCE

\* EXISTING GRAVEL TO BE REMOVED TO 6" BELOW FINISH GRADE AND 6" OF TOPSOIL TO BE PLACED PRIOR TO PERMANENT SEEDING.

All soil mapped for this site by NRCS is Hagerstown silt loam, 3 to 8 % slopes, rocky.

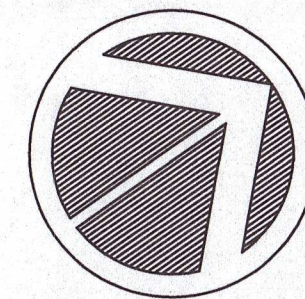
Soil limitations:

- outbanks cave
- easily erodible
- low strength / landslide prone
- slow percolation
- piping
- poor source of topsoil
- frost action
- shrink-swell
- potential sinkhole

Resolution of the limitations:

- Proposed grading shall be compacted with equipment, in layers, per standard construction practices to ensure that placed soil is tight and strong. Soil with significant clay content shall be proof rolled.
- Desirable seeding fertilizer and lime supplements for this site can be determined with a soil test. This would offset possible low PH.
- Slopes shall be re-graded, then stabilized with topsoil, seed and mulch, and matted if steep.
- Rock can be ripped or blasted if necessary. If bedrock is encountered, it can be ripped or blasted per usual construction techniques. In areas where bedrock is encountered near the final grade elevation, overcut rock to allow placement of a minimum of 4" of topsoil for final seeding. Crushed rock can be used on the site for fill areas.
- Topsoil can be imported from other sources, as it is readily available in the area.
- A sinkhole mitigation detail is on the drawings, should a sinkhole be found.
- Proposed cut and fill is very limited in depth and extent for this project.
- In general, there are no unusual site characteristics here that are unlike those found elsewhere in the region where similar soils are present. No special construction methods or procedures seem necessary.

SOIL SYMBOL	SOIL DESCRIPTION	SLOPE (%)	DEPTH TO HIGH WATER TABLE PER S.C.S. SOIL SURVEY	DEPTH TO BEDROCK PER S.C.S. SOIL SURVEY	HYDROLOGIC SOIL GROUP
HcB	Hagerstown silt loam, rocky	3-8	6'+	40'+	C



					DESIGN : T.C.S.
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				</	

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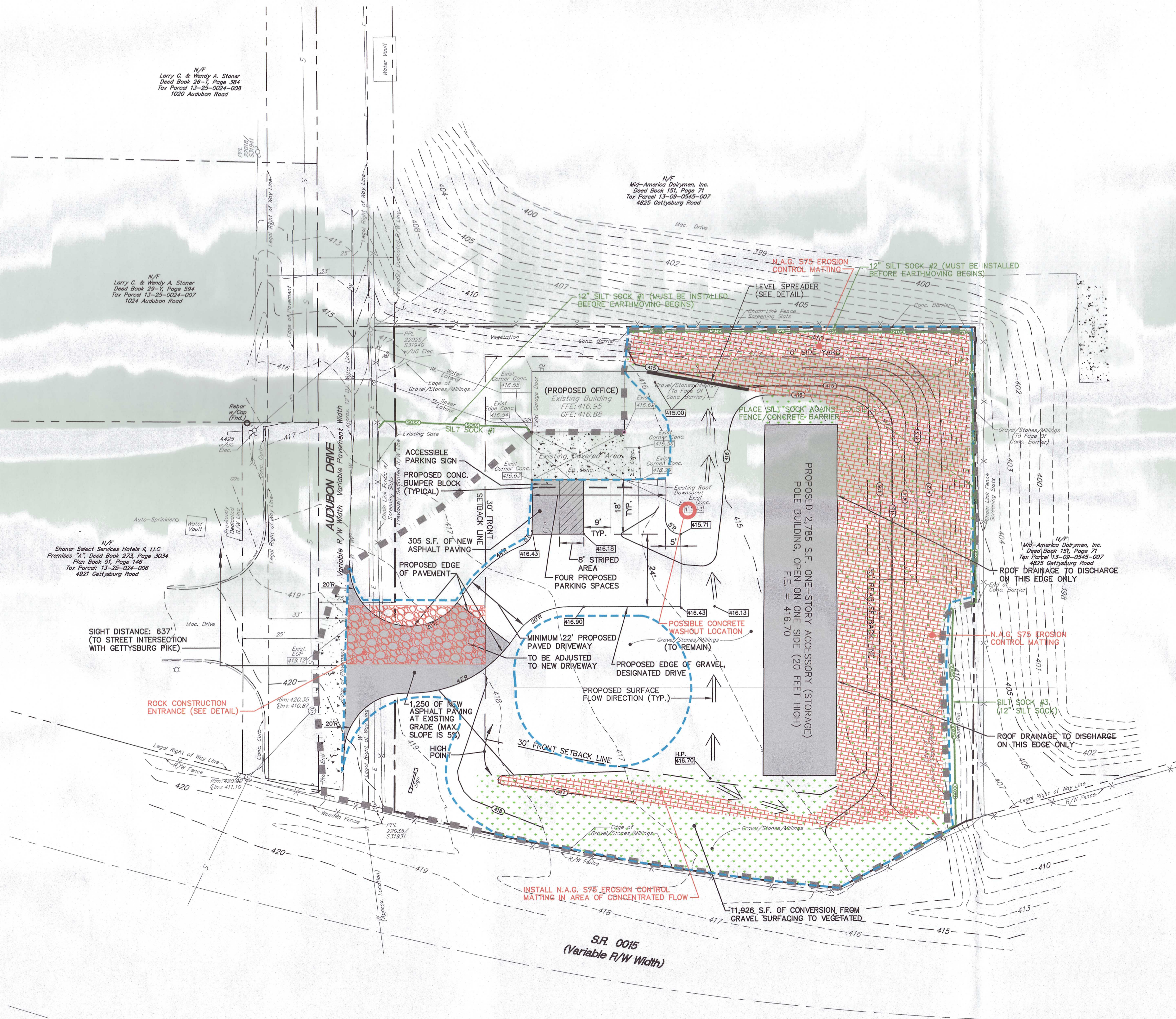
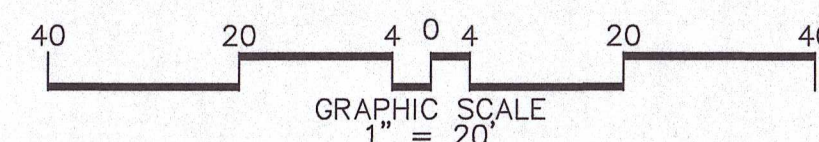
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SEAL

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PRELIMINARY/FINAL LAND DEVELOPMENT PLAN  
EROSION CONTROL PLAN  
FOR  
IMT, LLC REVISED PLAN  
1025 AUDUBON ROAD  
LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

PROJECT NO.  
319516  
SURVEY BOOK :  
SCALE : 1" = 20'  
DWC FILE : 319516.dwg  
SHEET 4 of 5





EROSION CONTROL PLAN GENERAL NOTES:

1. The site contractor shall be responsible for implementation of this Erosion Control Plan.
2. The site contractor shall not disturb more area than is necessary for the task to be done, so that potential for erosion is minimized.
3. Erosion and sedimentation controls must be constructed, stabilized, and functional before site disturbance within the tributary areas to the controls.
4. A copy of the approved Erosion and Sediment Control Plan / Drawings (stamped, signed and dated by the reviewing agency) must be available at the project site during all times.
5. At least 7 days prior to starting any earth disturbance activities, or expanding into an area previously unmarked, the owner and/or operator shall invite all contractors involved in those activities, the landowner, appropriate municipal officials, the erosion control plan preparer, the post construction plan preparer, and a representative of the County Conservation District to an on-site pre-construction meeting.
6. At least 3 days before starting any earth disturbance activities, or expanding into an area previously unmarked, the Pennsylvania One Call system Incorporated shall be notified at 1-800-242-1776 for the location of existing underground utilities.
7. All earth disturbance activities shall proceed in accordance with the sequence provided on the plan drawings. Each stage shall be completed and immediately stabilized before any following stage is initiated. Clearing, grubbing, and topsoil stripping shall be limited only to those areas described in each stage. Deviation from that sequence must be approved in writing from the County Conservation District prior to implementation.
8. Clearing, grubbing, and topsoil stripping shall be limited to those areas described in each stage of the construction sequence. General site clearing, grubbing and topsoil stripping may not commence in any stage or phase of the project until the E & S BMPs specified by the Construction Sequence for that stage or phase have been installed and are functioning as described in this document.
9. At no time shall construction vehicles be allowed to enter areas outside the limit of disturbance boundaries shown on the plan maps. These areas must be clearly marked and fenced off before clearing and grubbing operation begin.
10. Topsoil stockpile heights shall not exceed 35 feet. Stockpile side slopes must be 2:1 or flatter.
11. Immediately upon discovering unforeseen circumstances posing the potential for accelerated erosion and/or sediment pollution, the operator shall implement appropriate best management practices (BMPs) to minimize the potential for erosion and sediment pollution, and notify the Conservation District and/or the regional office of PA DEP.
12. Solids, trash and other pollutants shall be disposed in accordance with federal and state regulations in order to prevent any pollutant in such materials from adversely affecting the environment. All building materials and wastes must be removed from the site and recycled or disposed in accordance with the Department of Environmental Protection's Solid Waste Management regulations at 25 Pa. Code 260, 260.1 et seq., 271.1, and 287.1 et seq. No building materials or wastes or unused building materials shall be burned, buried, dumped, or discharged at the site.
13. All off-site waste and borrow areas must have an E & S Plan approved by the Conservation District or DEP, and fully implemented prior to being activated.
14. The contractor is responsible for ensuring that any material brought onto the site is Clean Fill. Form FP-001 must be retained by the property owner for any fill material affected by a spill or release of a regulated substance but qualifying as Clean Fill due to analytical testing.
15. All pumping of sediment laden water shall be through a sediment control BMP, such as a pumped water filter bag or equivalent sediment removal facility, over undisturbed vegetated areas.
16. Areas which are to be topsoiled shall be scarified to a minimum depth of 4 inches prior to placement of topsoil. Areas to be vegetated shall have a minimum 4 inches of topsoil in place prior to seeding and mulching. Fill outcrops shall have a minimum of 2 inches of topsoil.
17. All fills that be compacted as required to reduce erosion, slippage, settlement, subsidence or other related problems. Fill intended to support buildings, structures, conduits, etc. shall be compacted in accordance with local requirements or codes. All fills shall be placed in compacted layers not to exceed 8 inches in thickness. Fill materials shall be free of frozen particles, brush, rocks, soil, or other foreign or objectionable materials that would interfere with or prevent construction of satisfactory fills. Frozen materials or soft, muddy, or highly compressible materials shall not be incorporated into fills. Fill shall not be placed on saturated or frozen surfaces.
18. Seeps or springs encountered during construction shall be handled in accordance with the standard and specification for subsurface drain or other approved method.
19. All graded areas shall be permanently stabilized immediately upon reaching finished grade. Cut slopes in competent bedrock and rock fills need not be vegetated.
20. Immediately after earth disturbance activities cease in any area or subarea of the project, the operator shall stabilize all disturbed areas. During non-germinating months, mulch or protective blanketing shall be applied as described in the plan. Areas not at finished grade, which will be reactivated within 1 year, may be stabilized in accordance with the temporary stabilization specifications. Those areas which will not be reactivated within 1 year shall be stabilized in accordance with the permanent stabilization specifications.
21. Permanent stabilization is defined as a minimum uniform, perennial 70% vegetative cover or other permanent non-vegetative cover with a density sufficient to resist accelerated erosion. Cut and fill slopes shall be capable of resisting failure due to slumping, sliding, or other movements.
22. All E & S BMPs must remain functional as such until all areas tributary to them are permanently stabilized or until they are replaced by another BMP approved by the Conservation District or PA DEP.
23. Upon completion of all earth disturbance activities and permanent stabilization of all disturbed areas, the owner and / or operator shall contact the Conservation District for an inspection prior to removal / conversion of the E & S BMPs.
24. After final site stabilization has been achieved, temporary E & S BMPs must be removed or converted to permanent post construction stormwater management BMPs. Areas disturbed during removal or conversion of the BMPs must be stabilized immediately. In order to ensure rapid revegetation of disturbed areas, such removal / conversions should be done only during the germinating season.

SPECIFIC STAGING OF EARTHMOVING ACTIVITIES:

- GENERAL NOTES FOR ALL WORK—
- A. At least 7 days before starting any earth disturbance activities, including clearing and grubbing, the owner and/or operator shall invite all contractors involved in those activities, the landowner, all appropriate municipal officials, the erosion control plan preparer, the licensed professional responsible for oversight of critical stages of implementation of the PCSM plan, and a representative of the County Conservation District to an on-site pre-construction meeting.
- B. At least 3 days before starting any earth disturbance activities, all contractors involved in those activities shall notify the Pennsylvania One Call system Incorporated at 1-800-242-1776 (or 811) for the location of existing underground utilities.
- C. All earth disturbance activities shall proceed in accordance with the following sequencing. Each stage shall be completed and immediately stabilized before any following stage is initiated. Clearing, grubbing and topsoil stripping shall be limited only to those areas described in each stage. Any deviation from the following sequence must be approved in writing from the County Conservation District.
- D. Immediately upon discovering unforeseen circumstances posing the potential for accelerated erosion and/or sediment pollution, the operator shall implement appropriate best management practices to eliminate the potential for accelerated erosion and/or sediment pollution, and notify the County Conservation District.
- E. Immediately after earth disturbance activities cease, the operator shall stabilize the disturbed areas. During non-germinating periods, mulch or protective blanketing shall be applied as specified in the plan. Disturbed areas which are not at finished grade and which will be re-disturbed within 1 year must be stabilized in accordance with the temporary vegetative stabilization specifications. Disturbed areas which are not at final grade or which will not be re-disturbed within 1 year must be stabilized in accordance with the permanent vegetative stabilization specifications.
- F. All pumping of sediment laden water shall be through a sediment control BMP, such as a pumped water filter bag or equivalent sediment removal facility, over undisturbed vegetated areas.

SPECIFIC STAGES OF CONSTRUCTION:

- Stage 1  
Install the following control measures:  
—Install a construction entrance off of the existing street at the position of the proposed driveway (which is also the existing entrance).  
—Install silt socks #1 to 3.
- Stage 2  
Rough grade as needed to construct the new building, and construct it.
- Stage 3  
As soon as the new building is completed, install curb level spreader, finish grade remaining areas, removing gravel where indicated; install new paving (eliminating the construction entrance) and placing topsoil in place to be vegetated. Permanently seed and mulch, and mulch where indicated. All disturbed soil. Install erosion control matting where roof drains discharge onto soil areas, or, as an interim measure until grass is established, place flexible plastic pipe to convey the runoff from the downspout to a paved or gravel-paved area (the driveway) or to an undisturbed vegetated area that does not drain to undisturbed area.
- Stage 4  
Temporary control measures can be removed when the watershed draining to the measure is permanently stabilized, meaning a minimum uniform 70% perennial vegetative cover is present, that has a density capable of resisting accelerated erosion and sedimentation, or, an acceptable BMP is present which permanently minimizes accelerated erosion and sedimentation. The location of the control measure must be immediately stabilized upon its removal. Silt socks may remain permanently to not in place if desired by the owner.

PERMANENT SEEDING SCHEDULE:

- All disturbed soil not to be covered with impervious surfaces, riprap or landscaping mulch shall be permanently seeded to provide protection against the impact of precipitation, running water and wind. Permanent seeding schedule for the general project area is as follows:
- FOR GENERAL LAWN PLANTING—
- Species: 30% Kentucky bluegrass  
40% Pennlawn Creeping Red Fescue  
20% Norella Perennial ryegrass  
10% annual ryegrass
- % Pure live seed: 98%
- Application rate: 6 lbs./1,000 sq. ft.
- Fertilizer type: general purpose granular, 10–20–20
- Fertilizer application rate: 11 lbs./1,000 sq. yds.
- Liming rate: per soil test; minimum of 6 tons per acre
- Seeding dates: between 4/1 and 10/15
- Straw/mulch rate: 3 tons per acre
- Mulch anchoring: Asphalt, either emulsified or cut-back, containing no solvents or other diluting agents toxic to plant or animal life, uniformly applied at the rate of 31 gallons per 1,000 square yards. Synthetic binders (chemical binders) may be used per manufacturer's recommendation provided they are non-toxic to plant and animal species.

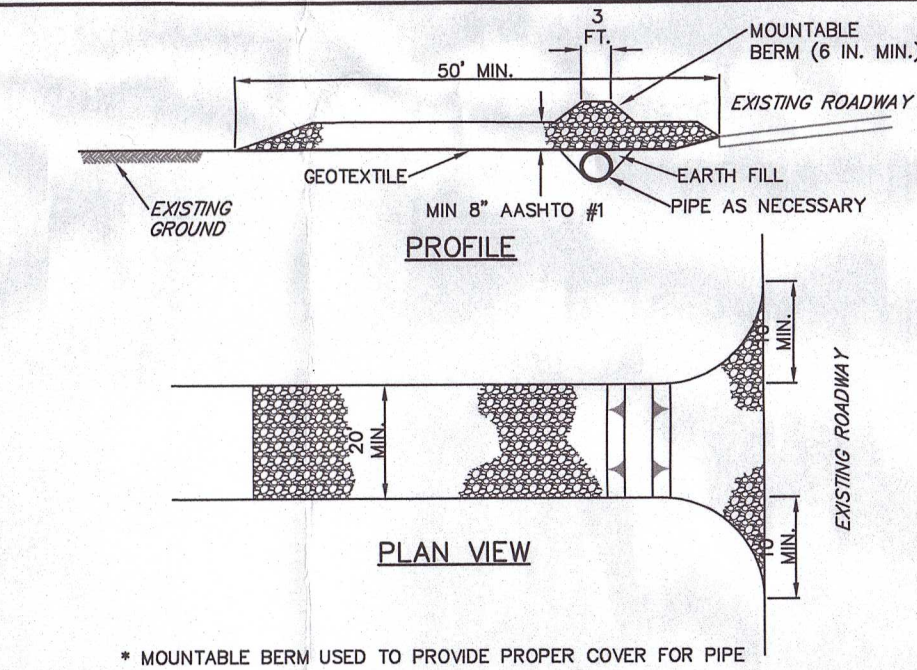
E&S GENERAL NOTES CON'T:

25. Upon completion of all earth disturbance activities and permanent stabilization of all disturbed areas, the owner and / or operator shall contact the Conservation District to schedule a final inspection.
26. Failure to correctly install E & S BMPs, failure to prevent sediment-laden runoff from leaving the construction site, or failure to take immediate corrective action to resolve failure of E & S BMPs may result in administrative, civil, and/or criminal penalties being instituted by the Pennsylvania Department of Environmental Protection as defined in Section 602 of the Pennsylvania Clean Streams Law. The Clean Streams Law provides for up to \$10,000 per day in civil penalties, up to \$10,000 in summary criminal penalties, and up to \$25,000 in misdemeanor criminal penalties for each violation.
27. Only limited disturbance will be permitted to initially access and acquire borrow to construct control facilities, before general site alteration begins.
28. If fuel or other dangerous chemicals are stored on site, then a Preparedness, Prevention and Contingency (PPC) Plan must be developed and kept on site.
29. An erosion control blanket must be installed on all disturbed slopes steeper than 3:1, in all areas with concentrated flows as noted on the drawings.
30. Underground utilities cutting through any active channel shall be immediately backfilled and the channel restored to its original cross-section and protective lining. Any base flow within the channel shall be conveyed past the work in the manner described in this plan until such restoration is complete. Deviation from that sequence must be approved in writing from the County Conservation District prior to implementation.
31. Fill Materials—
- The NPDES Permit covers the "moving, depositing, stockpiling, or storing of soil rock or earth materials." If the site will need to have fill imported from an off site location, the responsibility for performing environmental due diligence and the determination of clean fill will in most cases reside with the operator. If the site will have excess fill that will need to be exported to an off site location, the responsibility of clean fill determination and the environmental due diligence rests on the applicant. If all cut and fill materials will be used on the site, a clean fill determination is not required by the operator unless there is a belief that a spill or release of a regulated substance occurred on site. The contractor is responsible for ensuring that any material brought onto the site is Clean Fill. Any placement of clean fill that has been affected by a spill or release of a regulated substance must use form FP-001 to certify the origin of the fill material and the results of the analytical testing to qualify the material as clean fill. Form FP-001 must be retained by the owner of the property receiving the fill.
- Applicants and/or operators must use environmental due diligence to ensure that the fill material associated with this project qualifies as Clean Fill. Definitions of Clean Fill and Environmental Due Diligence are provided below. All fill material must be used in accordance with the Department's policy "Management of Fill," document number 258–2182–773. A copy of this policy is available online at [www.dep.state.pa.us](http://www.dep.state.pa.us). Under the heading "Quick Access on the left side of the screen, click on "Terms and Publications." On the left side of the screen click on "Technical Guidance Documents-Final." Then type the document number 258–2182–773 into the search window and conduct the search. Click on "Management of Fill."
- Clean Fill is defined as: Uncontaminated, non-water soluble, non-decomposable, inert, solid material. The term includes soil, rock, stone, dredged material, used asphalt, and brick, block or concrete from construction and demolition activities that is separate from other waste and is recognizable as such. The term does not include materials placed in or on the waters of the Commonwealth unless otherwise authorized. (The term "used asphalt" does not include melted asphalt or asphalt that has been processed for re-use.)
- Clean Fill affected by a spill or release of a regulated substance: Fill materials affected by a spill or release of a regulated substance still qualifies as clean fill provided the testing reveals that the fill material contains concentrations of regulated substances that are below the residential limits in Tables FP-1a and FP-1b found in the Department's policy "Management of Fill."
- Environmental due diligence: Investigative techniques, including, but not limited to, visual property inspections, electronic data base searches, review of property ownership, review of property use history, Sanborn maps, environmental questionnaires, transaction screens, analytical testing, environmental assessments or audits. Analytical testing is not a required part of due diligence unless visual inspection and/or review of the past land use of the property indicates that the fill may have been subjected to a spill or release of regulated substance. If the fill may have been affected by a spill or release of a regulated substance, it must be tested to determine if it qualifies as clean fill. Testing should be performed in accordance with Appendix A of the Department's policy "Management of Fill."
- Fill material that does not qualify as clean fill is regulated fill. Regulated fill is waste and must be managed in accordance with the Department's municipal or residual waste regulations based on 25 Pa. Code Chapters 287 Residual Waste Management or 271 Municipal Waste Management, whichever is applicable.
32. The erosion and sediment pollution control plan and NPDES permit must be approved by the County Conservation District prior to any earthmoving activities on this site.
33. All channels must be kept free of obstructions such as fill ground, fallen leaves and woody debris, accumulated sediment, and construction wastes/materials. Channels should be kept mowed and/or free of all weedy, brushy or woody growth. Any underground utilities running across/through the channel(s) shall be immediately backfilled and the channel(s) repaired and stabilized per the channel cross-section detail.
34. Vegetated channels shall be constructed free of rocks, tree roots, stumps or other projections that will impede normal channel flow and/or prevent good lining to soil contact. The channel shall be initially over-excavated to allow for the placement of topsoil.
35. The permittee and co-permittee must ensure that visual site inspections are conducted weekly, and after each measurable precipitation event by qualified personnel, trained and experienced in erosion and sediment control, to ascertain that the Erosion and Sediment Control (E&S) BMPs are operational and effective in preventing pollution to the waters of the Commonwealth. A written report of each inspection shall be kept, and include:
- 1) a summary of the site conditions, E&S BMPs, and compliance; and
  - 2) the date, time, and the name of the person conducting the inspection.
36. The contractor shall be responsible for the removal of any excess material and make sure the site(s) receiving the excess has an approved erosion and sediment control plan that meets the conditions of Chapter 102 and/or other State or Federal regulations.

NOTES:

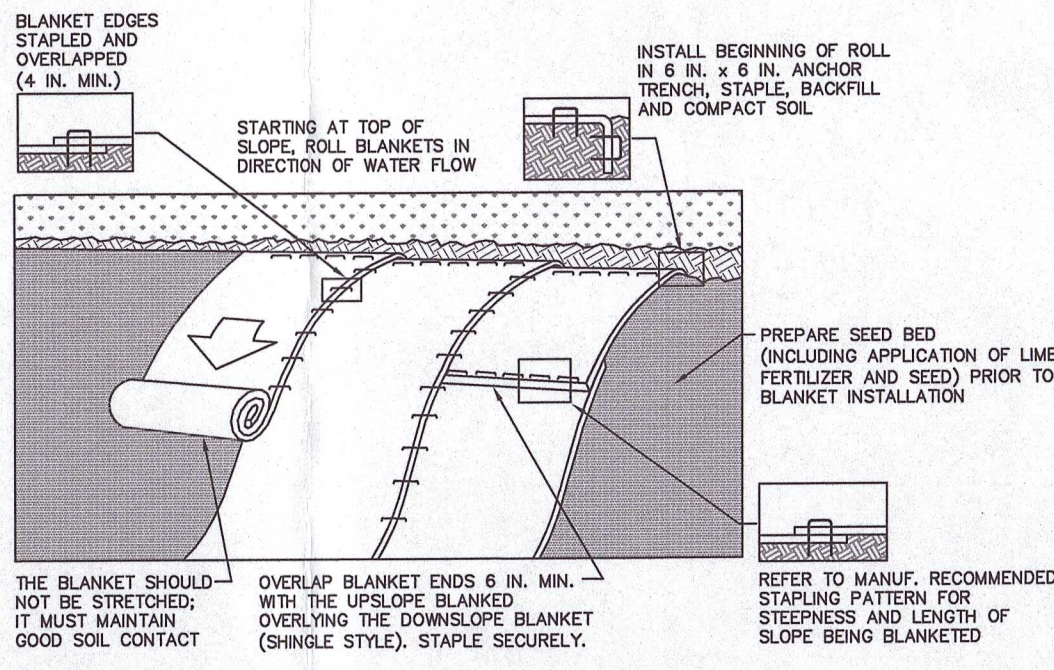
- LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:
- | PROPERTY        | TEST METHOD | MINIMUM STANDARD |
|-----------------|-------------|------------------|
| AVG. WIDE WIDTH | ASTM D-4884 | 60 LB/IN         |
| WIDTH           | ASTM D-4832 | 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 STRIPS 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.

PUMPED WATER FILTER BAG NTS

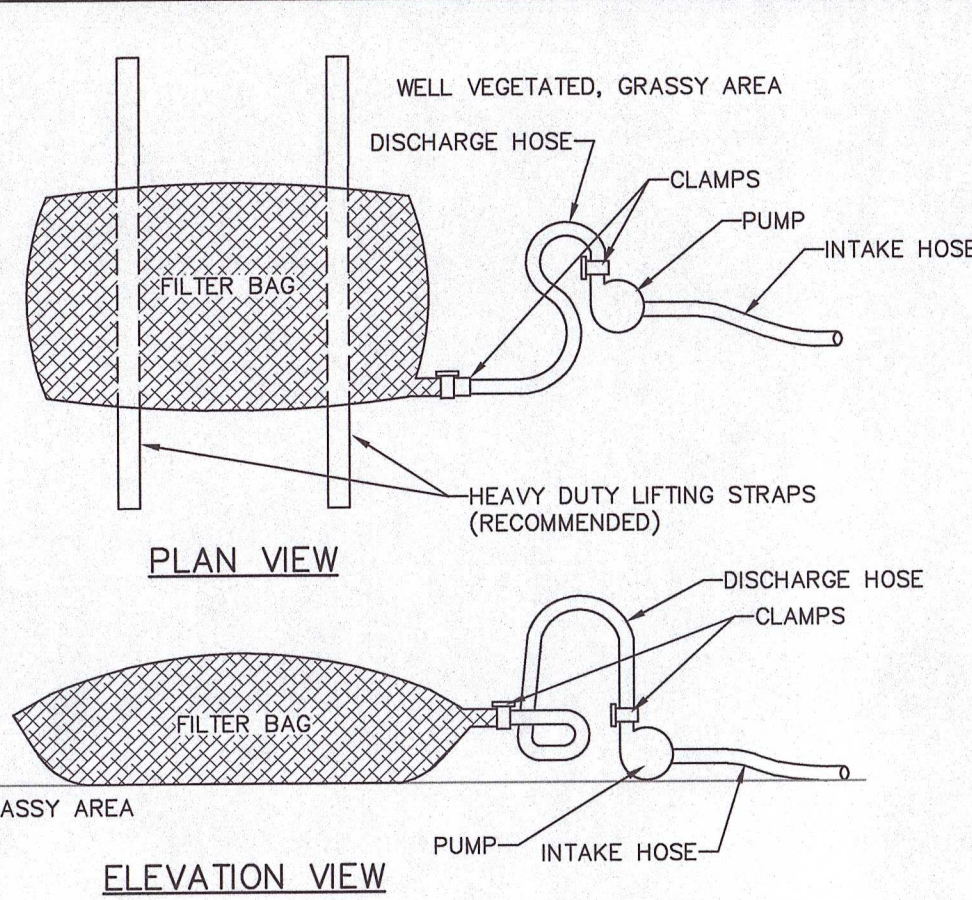


- NOTES:
- REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE. RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.
- MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT 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 FEET OR MORE INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK, WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT FEASIBLE.

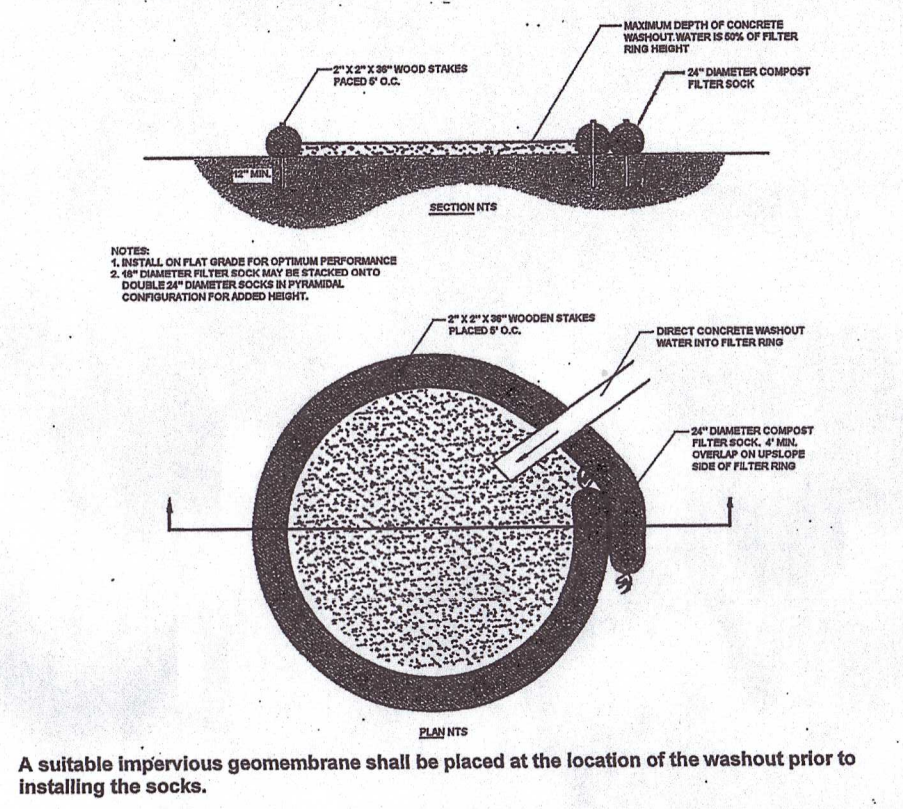
STABILIZED ROCK CONSTRUCTION ENTRANCE NTS



- 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 SLOBBY AND 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 BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.
- STANDARD CONSTRUCTION DETAIL #11-1 EROSION CONTROL BLANKET INSTALLATION NTS

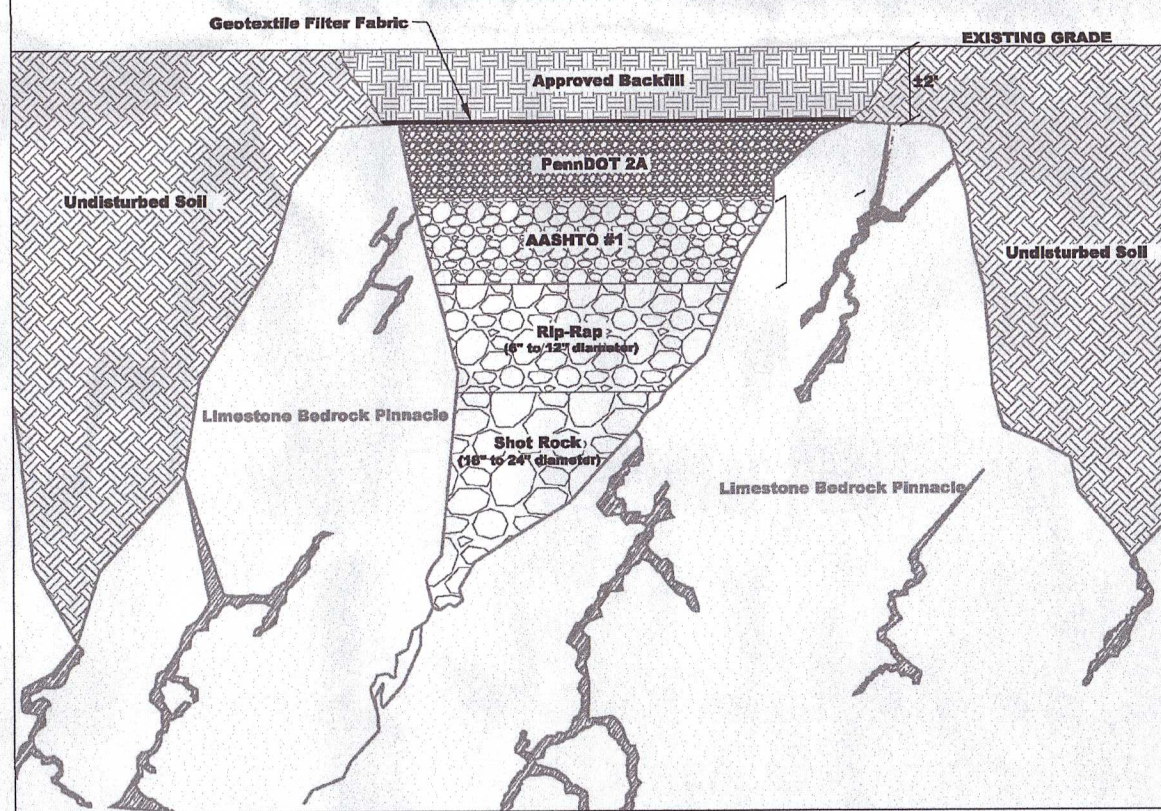


- CONCRETE WASHOUT - For any project on which concrete will be poured or otherwise formed on site, a suitable washout facility must be provided for the cleaning of chutes, mixers, and hoppers of the delivery vehicles unless such a facility will be used at the source of the concrete. Under no circumstances may wash water from these vehicles be allowed to enter any surface waters. Make sure that proper signage is provided to drivers so that they are aware of the presence of washout facilities.
- Washout facilities should not be placed within 50 feet of storm drains, open ditches or surface waters. They should be in a convenient location for the trucks, preferably near the place where the concrete is being poured, but far enough from other vehicular traffic to minimize the potential for accidental damage or spills. Whenever possible, they should be located on slopes not exceeding a 2% grade. Additional information on washouts may be obtained from EPA's stormwater website at: <http://pubs.epa.gov/hq/epd/stormwater/errm/norfpna/index.cfm?action=browse&Routin=detail&mp=17&minmax=4>
- Compost Sock Washout
- Wherever compost sock washouts are used, a suitable impervious geomembrane should be placed at the location of the washout. Compost socks should be stored in the manner recommended by the manufacturer around perimeter of the geomembrane so as to form a ring with the ends of the sock. Areas at the upslope corner (Figure 3.16). Care should be taken to ensure continuous contact of the sock with the geomembrane at all locations. Where necessary, socks may be stacked and staked so as to form a triangular cross-section.

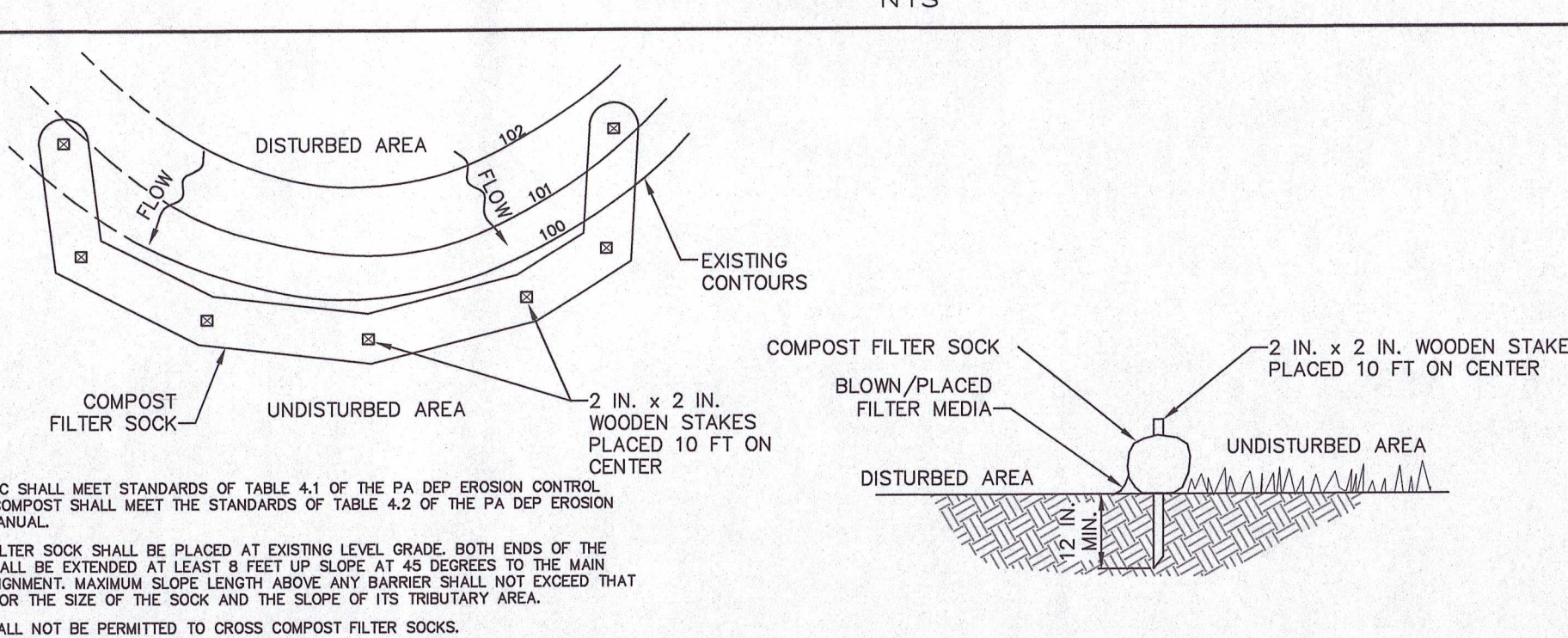


- Maintenance
- All concrete washout facilities should be inspected daily. Damaged or leaking washouts should be deslanted and repaired or replaced immediately.
- Accumulated materials should be removed when they reach 75% capacity.
- Plastic liners should be replaced with each cleaning of the washout facility.
- CONCRETE WASHOUT DETAIL NTS

INVERTED FILTER DETAIL



SINKHOLE REPAIR DETAIL (IF NEEDED) NTS



- NOTES:
- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST A FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE-GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTOGRAPHABLE 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 WEIR SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.
- WHERE SOCK CROSSES PAVEMENT, ANCHOR SOCK IN PLACE WITH A FILLED SANDBAG BUTTED ON EACH SIDE OF THE SOCK. EVERY 30 FEET OF SOCK.

ORGANIC MATTER CONTENT	80% - 100% (dry weight basis)
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	5.5 - 6.0
MOISTURE CONTENT	80% - 90%
PARTICLE SIZE	98% PASS THROUGH 1" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 dS/m (mmhos/cm) MAXIMUM

THE PHYSICAL PARAMETERS OF THE COMPOST SHOULD COMPLY WITH THE STANDARDS IN TABLE 4.2. THE STANDARDS CONTAINED IN THE PENNDOT PUBLICATION 408 ARE AN ACCEPTABLE ALTERNATIVE.

SILT SOCK DETAIL NTS

DESIGN : T.C.S.  
DRAWN : S.R.R.  
CHECKED : J.K.M.  
DATE : 5/15/2020

PLANNING ENGINEERING SURVEYING  
115 LIMEKILN RD., P.O. BOX 1070  
NEW GUMBERLAND, PA 15070  
TEL: 724-777-2200  
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ALPHA CONSULTING ENGINEERS, INC.  
SEAL

SEAL

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN  
EROSION CONTROL NOTES AND DETAILS  
FOR  
IMT, LLC  
1025 AUDUBON ROAD  
LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

PROJECT NO. 319516  
SURVEY BOOK :  
SCALE : 1" = 20'  
DWG FILE : 1:2020/03/15/319516.dwg (Plan) (Final)  
SHEET 5 of 5