

NOTES :

All planimetric features and other features were taken from PAMAP and may contain discrepancies due to the inaccuracies in which the data was obtained to this media.

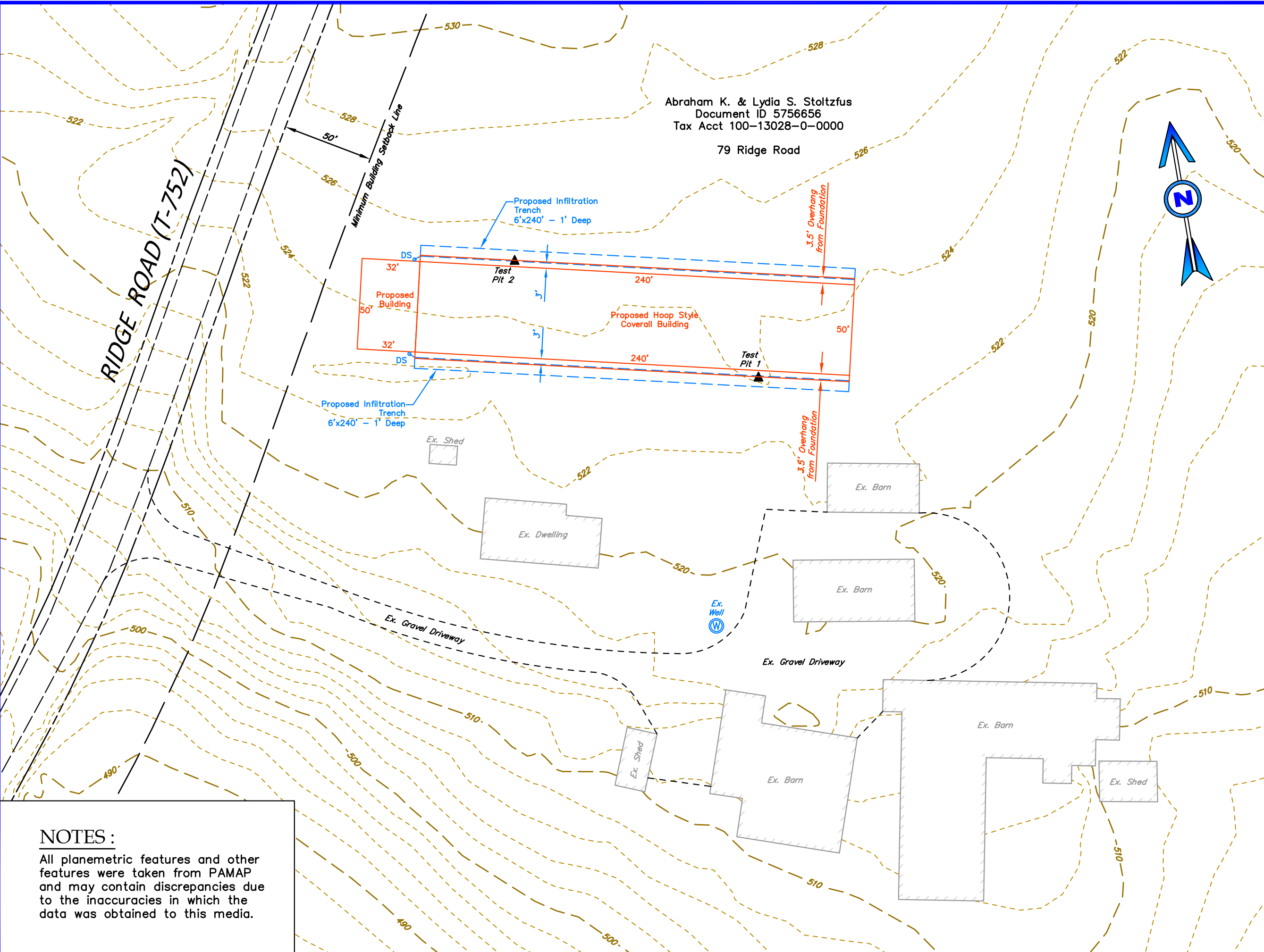
PARTY CHIEF:	CHECKED BY:
-	K S S
DRAWN BY:	DATE:
A S R	10 / 14 / 2022
SCALE: 1" = 220'	
SHEET NO.	1 OF 4
DRAWING NO.	2 2 2 3 8

EXISTING FEATURES
 FOR
ABRAHAM K. & LYDIA S. STOLTZFUS
 SITUATE IN

COLERAIN TOWNSHIP, LANCASTER COUNTY,
 COMMONWEALTH OF PENNSYLVANIA



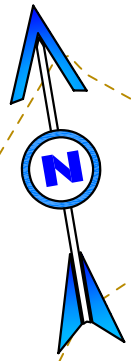
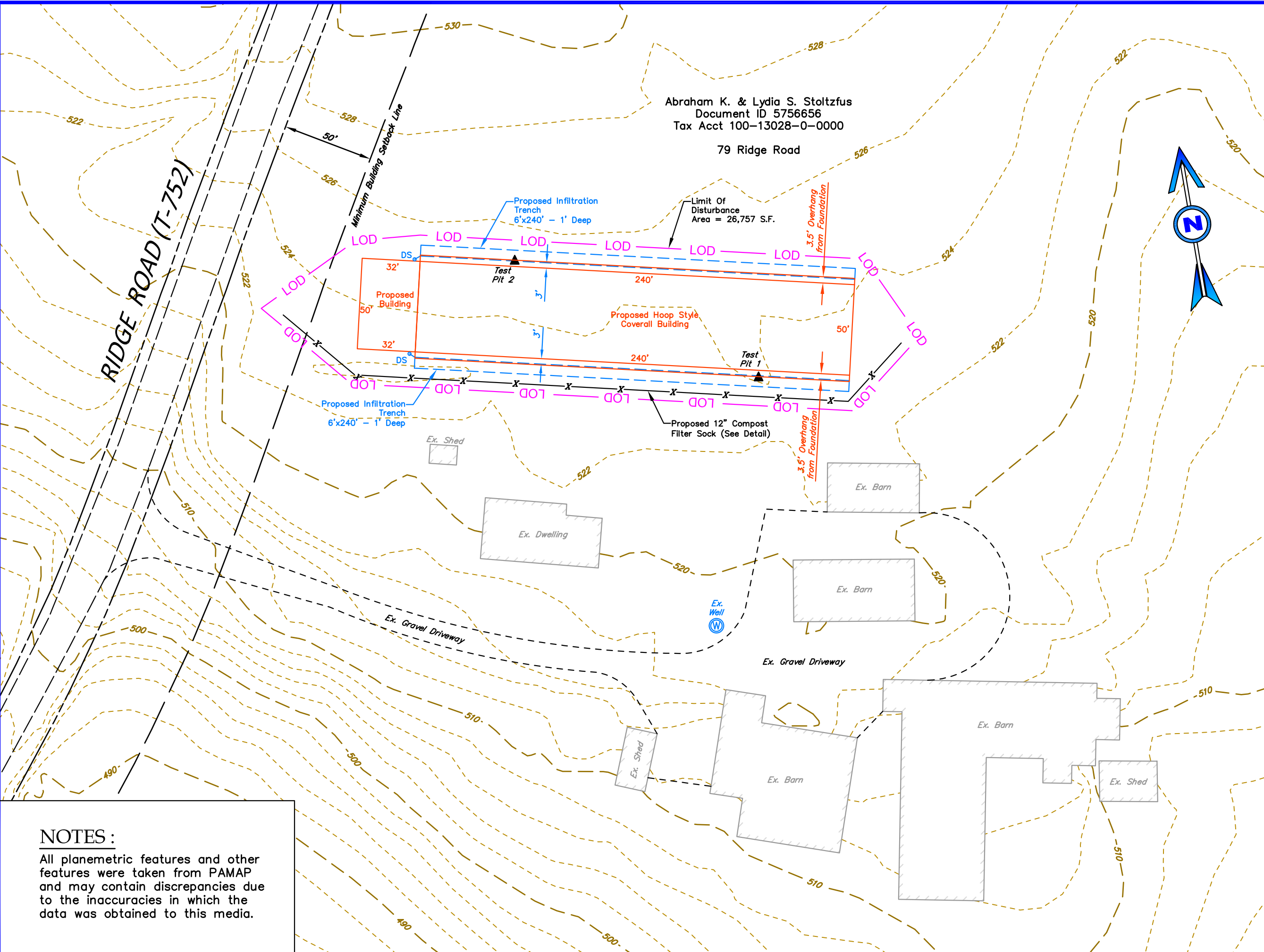
Agricultural Consulting



PARTY CHIEF: -	CHECKED BY: K S S
DRAWN BY: A S R	DATE: 10 / 14 / 2022
SCALE: 1" = 50'	
SHEET NO.	2 OF 4
DRAWING NO.	2 2 2 3 8

**EXISTING & PROPOSED
 FEATURES**
 FOR
**ABRAHAM K. & LYDIA S.
 STOLTZFUS**
 SITUATE IN
 COLERAIN TOWNSHIP, LANCASTER COUNTY,
 COMMONWEALTH OF PENNSYLVANIA

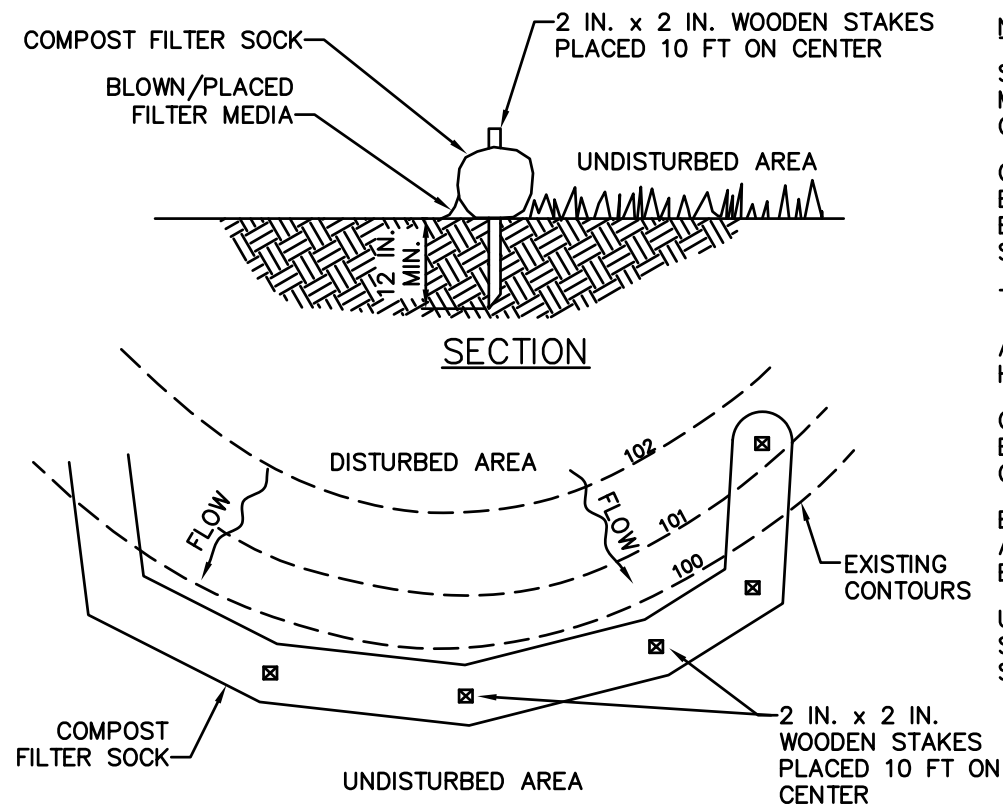
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PARTY CHIEF: -	CHECKED BY: K S S
DRAWN BY: A S R	DATE: 10 / 14 / 2022
SCALE: 1" = 50'	
SHEET NO.	3 OF 4
DRAWING NO.	2 2 2 3 8

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**EROSION & SEDIMENTATION
 CONTROL PLAN**
 FOR
**ABRAHAM K. & LYDIA S.
 STOLTZFUS**
 SITUATE IN
 COLERAIN TOWNSHIP, LANCASTER COUNTY,
 COMMONWEALTH OF PENNSYLVANIA



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 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

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

COMPOST FILTER SOCK
NOT TO SCALE

PLAN VIEW

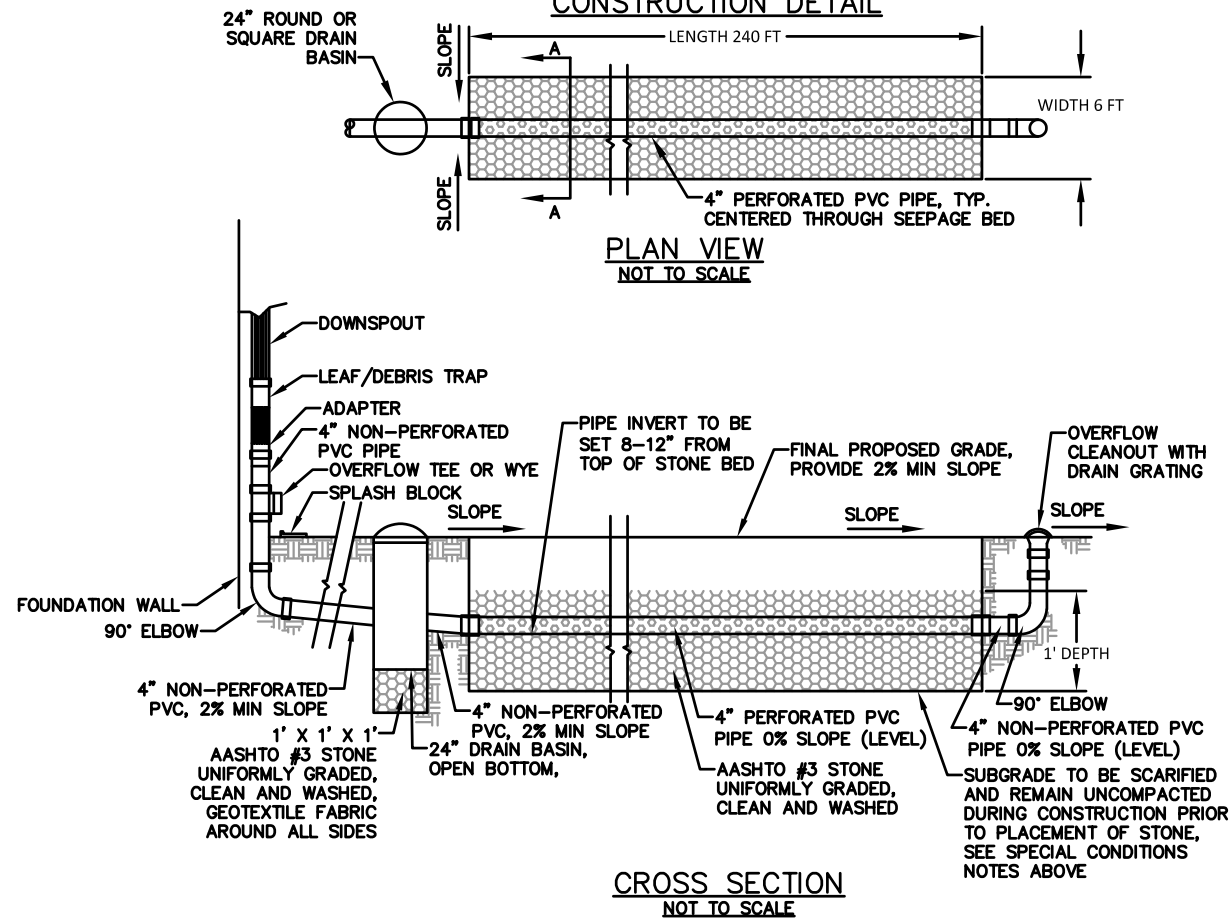


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DRAWN BY:	A S R
DATE:	10 / 14 / 2022
PARTY CHIEF:	-
SCALE:	NOT TO SCALE
SHEET NO.	4 OF 4
DRAWING NO.	2 2 2 3 8

TRENCH DIMENSIONS
FINAL TRENCH DIMENSIONS MAY VARY ACCORDING TO SITE CONDITIONS BUT FINAL DIMENSIONS MUST PROVIDE THE REQUIRED TRENCH VOLUME (LENGTH X WIDTH X DEPTH) AND BE APPROVED BY THE TOWNSHIP

STORMWATER MANAGEMENT

STONE INFILTRATION TRENCH CONSTRUCTION DETAIL

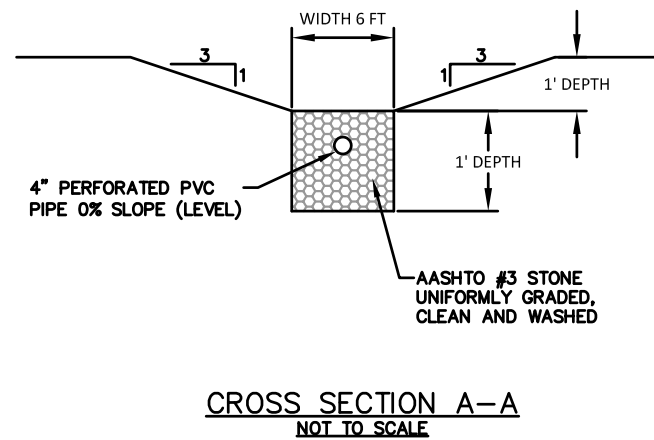


GENERAL NOTES

1. STONE INFILTRATION BED SHALL BE SIZED PER PROPOSED IMPERVIOUS SURFACE DRAINING TO IT. STONE SHALL BE AASHTO #3, UNIFORMLY GRADED, CLEAN AND WASHED, WITH 40% VOID RATIO.
2. LEAF SCREENS SHALL BE INSTALLED OVER GUTTERS OR LEAF DEFLECTOR GUARDS INSTALLED IN THE DOWNSPOUT, OR OTHER APPROVED LEAF PROTECTION DEVICE.
3. PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF STORMWATER FACILITIES IN ACCORDANCE WITH ANY APPLICABLE TOWNSHIP STORMWATER ORDINANCES

CONSTRUCTION NOTES

1. INSTALLATION OF STONE INFILTRATION TRENCH SHALL BE INSPECTED BY THE TOWNSHIP OR DESIGNATED REPRESENTATIVE, OR INSPECTED AND DOCUMENTED BY AET CONSULTING. WITH MIN. OF 24 HOUR NOTICE.
2. REQUIRED INSPECTIONS INCLUDE EXCAVATION - PRIOR TO PLACEMENT OF STONE, STONE/PIPING PRIOR TO TOP LAYER OF FABRIC, AND FINAL GRADING AND SEEDING. ADDITIONAL INSPECTION MAY BE NECESSARY AS DETERMINED BY TOWNSHIP ENGINEER.
3. PRIOR TO PLACEMENT OF STONE IN THE INFILTRATION TRENCH, THE CONTRACTOR OR PROPERTY OWNER SHALL MAKE A TEST PIT 2 FEET BELOW THE BOTTOM OF INFILTRATION TRENCH TO ENSURE THAT BEDROCK AND/OR GROUNDWATER ARE NO PRESENT IN THIS ZONE. IF GROUNDWATER/BEDROCK IS ENCOUNTERED, IMMEDIATELY CONTACT THE TOWNSHIP ENGINEER TO DISCUSS REDESIGN AND RELOCATION OF THE INFILTRATION TRENCH.
4. EXCAVATION FOR THE INFILTRATION TRENCH SHALL BE PERFORMED WITH EQUIPMENT THAT WILL NOT COMPACT THE BOTTOM OF THE BED AREA.
5. INFILTRATION TRENCHES SHALL BE KEPT CLEAN OF SOIL/SEDIMENT DURING THE INSTALLATION PROCESS. IF INSPECTION INDICATES THAT SOIL HAS ENTERED THE INFILTRATION TRENCH, THEN APPROPRIATE MEASURES (IE CLEANING OF SOIL FROM FABRIC/STONE ETC. AND REPLACEMENT OF FABRIC/STONE) SHALL BE ADDRESSED.)
6. AFTER INFILTRATION TRENCH IS INSTALLED, ALL HEAVY CONSTRUCTION EQUIPMENT SHALL BE RESTRICTED FROM THE TRENCH AREA TO ELIMINATE IMPACTS THAT MAY COMPROMISE IT. IN THE EVENT ANY IMPACTS COMPRISE THE FUNCTIONALITY OF THE INFILTRATION TRENCH, IT MUST BE IMMEDIATELY REPAIRED OR REPLACED TO DESIGN SPECIFICATIONS.



DETAILS

FOR

ABRAHAM K. & LYDIA S. STOLTZFUS

SITUATE IN

COLERAIN TOWNSHIP, LANCASTER COUNTY,
COMMONWEALTH OF PENNSYLVANIA