

**Storm Water Management requirements summarized for SWM ordinance dated
4/13/15**

1. The Storm Water Management Ordinance requires that any structure or other impervious area 1,000 square feet or more you must have a mechanism to manage and control storm water created by that structure. Impervious area not only consists of roof square footage but other things as driveways and decks. If your proposal is 1,000 square feet or more of impervious area you are required to control (not divert) the storm water created by the impervious area created. When you control the storm water runoff created by your structure, you create an area so it can filtrate thru the ground for ground water recharge and also to not allow your storm water runoff to impose on other properties.
2. There is an already designed and approved structure which is called a "seepage Pit" which is sized for the square foot of the structure or impervious area. This is simply a hole specially sized for your proposed structure with #4 ballast packaged with geotextile fabric. Sizes are already pre-determined for structures from 1,000 to 4,999 square feet of proposed impervious area. The seepage pit as described is the recommended structure. There are other alternative acceptable methods you can choose to control your storm water but it would require a Professional Engineer to design and also to approve after installation. This can be further discussed during the site visit with me.
3. Inspections: There are 2 inspections required during the process. The first inspection is to witness the open dug hole with geo-textile fabric in place. The final inspection is after the pipe and stone are placed into the hole before covering, call the township office to have this scheduled.
4. York County Conservation is required to be notified anytime there is proposed a 5,000 square foot of soil disturbance or more, if you think you may disturb more 5,000 square feet or more of soil, I am recommending you discuss with them your proposal, if they choose to not require you to generate a plan than I am OK with that, that's between you (the applicant) and York County Conservation. Their contact information is 717-840-7430, Rob Fetter.

SEEPAGE PIT DATA

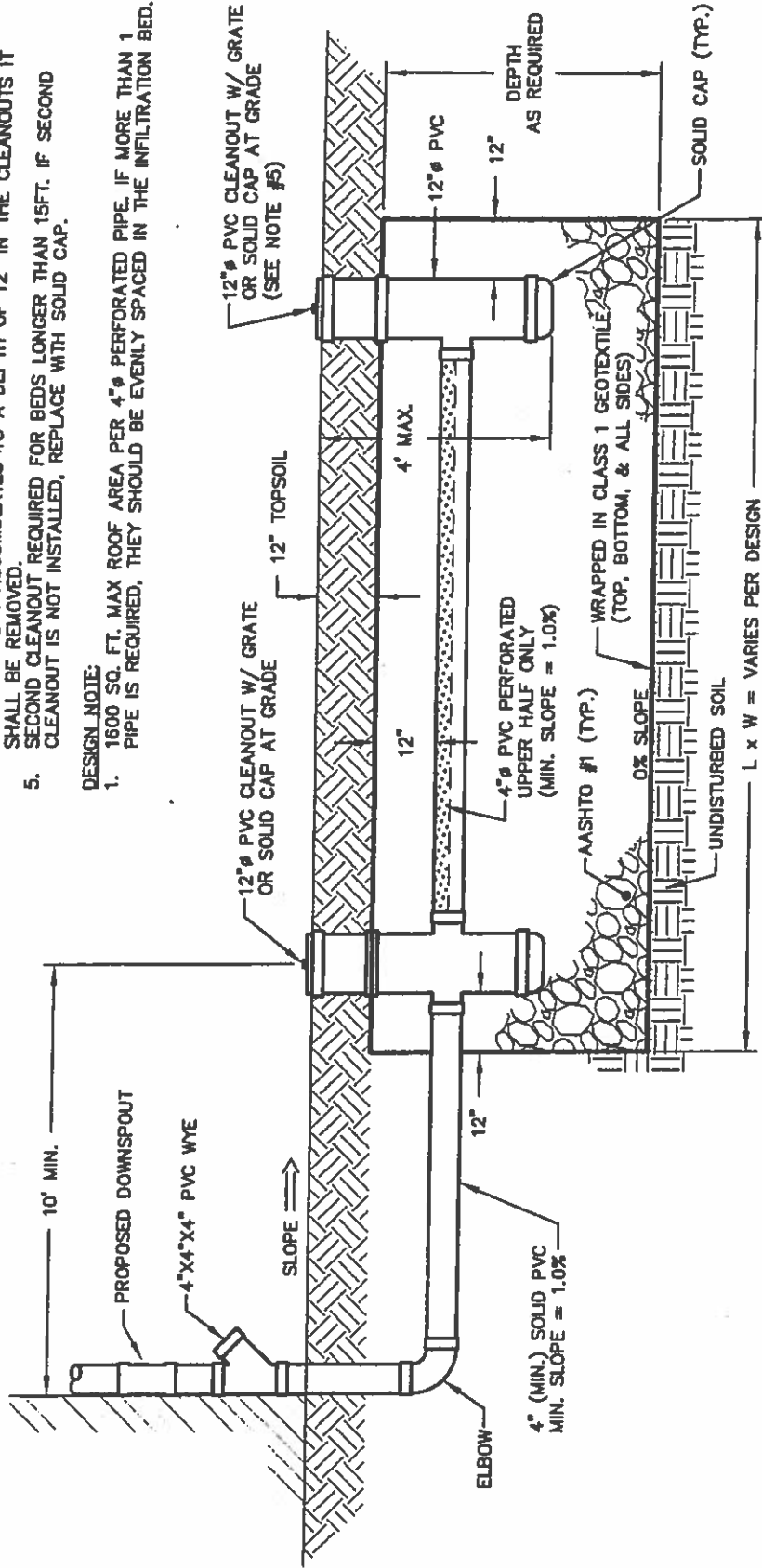
| Sq Ft Imperv Area | Sq Ft Rq'd X3' Dp | Pit size LXWXD | CU FT | #4 Stone tonage |
|--------------------------|--------------------------|-----------------------|--------------|------------------------|
| 400-499 | 55 | 10X5.5X4 | 165 | 7.86 |
| 500-599 | 70 | 10X7X4 | 210 | 10.5 |
| 600-699 | 80 | 10X8X4 | 240 | 12 |
| 700-799 | 95 | 10X9.5X4 | 283.5 | 14.17 |
| 800-899 | 110 | 10X11X4 | 330 | 16.5 |
| 900-999 | 120 | 10X12X4 | 360 | 18 |
| 1000-1099 | 140 | 10X14X4 | 420 | 21 |
| 1100-1199 | 150 | 10X15X4 | 450 | 22.5 |
| 1200-1299 | 165 | 10X16.5X4 | 495 | 24.75 |
| 1300-1399 | 175 | 10X17.5X4 | 525 | 26.25 |
| 1400-1499 | 190 | 10X19X4 | 570 | 28.5 |
| 1500-1599 | 205 | 10X20.5X4 | 615 | 30.75 |
| 1600-1699 | 220 | 10X22X4 | 660 | 33 |
| 1700-1799 | 230 | 10X23X4 | 690 | 34.5 |
| 1800-1899 | 245 | 10X24.5X4 | 735 | 36.75 |
| 1900-1999 | 260 | 10X26X4 | 780 | 39 |
| 2000-2099 | 275 | 10X27.5X4 | 825 | 41.25 |
| 2100-2199 | 290 | 10X29X4 | 870 | 43.5 |
| 2200-2299 | 305 | 10X30.5X4 | 915 | 43.75 |
| 2300-2399 | 320 | 10X32X4 | 960 | 48 |
| 2400-2499 | 330 | 10X33X4 | 990 | 49.5 |
| 2500-2599 | 340 | 10X34X4X | 1020 | 51 |
| 2600-2699 | 355 | 10X35.5X4 | 1065 | 53.25 |
| 2700-2799 | 370 | 10X37X4 | 1110 | 55.5 |
| 2800-2899 | 380 | 10X38X4 | 1140 | 57 |
| 2900-2999 | 395 | 10X39.5X4 | 1185 | 59.25 |
| 3000-3099 | 410 | 10X41X4 | 1230 | 61.5 |
| 3100-3199 | 425 | 10X42.5X4 | 1275 | 63.75 |
| 3200-3299 | 440 | 10X44X4 | 1320 | 66 |
| 3300-3399 | 450 | 10X45X4 | 1350 | 67.5 |
| 3400-3499 | 465 | 10X46.5X4 | 1395 | 69.75 |
| 3500-3599 | 480 | 10X48X4 | 1440 | 72 |
| 3600-3699 | 490 | 10X49X4 | 1470 | 73.5 |
| 3700-3799 | 505 | 10X50.5X4 | 1515 | 75.75 |
| 3800-3899 | 520 | 10X52X4 | 1560 | 78 |
| 3900-3999 | 535 | 10X53.5X4 | 1605 | 80.25 |
| 4000-4099 | 555 | 10X55X4 | 1650 | 82.5 |
| 4100-4199 | 565 | 10X56.5X4 | 1695 | 84.75 |
| 4200-4299 | 580 | 10X58X4 | 1740 | 87 |
| 4300-4399 | 595 | 10X59.5X4 | 1785 | 89.25 |
| 4400-4499 | 610 | 10X61X4 | 1830 | 91.5 |
| 4500-4599 | 625 | 10X62.5X4 | 1875 | 93.75 |
| 4600-4699 | 640 | 10X64X4 | 1920 | 96 |
| 4700-4799 | 650 | 10X65X4 | 1950 | 97.5 |
| 4800-4899 | 660 | 10X66X4 | 1980 | 99 |
| 4900-4999 | 670 | 10X67X4 | 2010 | 100.5 |

Seepage pit size includes 1 foot of ground cover, call the township office for inspection when hole is dug with fabric installed, and again before covered

- NOTES:**
- INFILTRATION PITS TO BE INSTALLED IN UNDISTURBED SOIL.
 - SUBGRADE BELOW THE INFILTRATION PIT SHOULD NOT BE COMPACTED. IF THE SUBGRADE BECOMES COMPACTED FOR ANY REASON, THE SOIL SHALL BE SCARIFIED PRIOR TO CONSTRUCTING THE BED.
 - SEDIMENT ACCUMULATION SHALL BE MONITORED SEASONALLY.
 - WHEN SEDIMENT ACCUMULATES TO A DEPTH OF 12" IN THE CLEANOUTS IT SHALL BE REMOVED.
 - SECOND CLEANOUT REQUIRED FOR BEDS LONGER THAN 15FT. IF SECOND CLEANOUT IS NOT INSTALLED, REPLACE WITH SOLID CAP.

DESIGN NOTE:

- 1600 SQ. FT. MAX ROOF AREA PER 4" PERFORATED PIPE. IF MORE THAN 1 PIPE IS REQUIRED, THEY SHOULD BE EVENLY SPACED IN THE INFILTRATION BED.



CHANCEFORD TOWNSHIP

TYPICAL INFILTRATION BED DETAIL

CHANCEFORD TOWNSHIP

YORK COUNTY, PENNSYLVANIA



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| | |
|------------|------------------|
| DRAWN BY | CRP |
| CHECKED BY | |
| SCALE | N.T.S. |
| DATE | 3/14/2011 |
| DWG. NO. | Infiltration Bed |
| FILE NO. | 2201.9.08.00 |
| SHEET | 1 OF 1 |