

Appendix B

Stormwater Management Determination Information

SWM Plan Requirement	Impervious Area ¹	Disturbed Area ²	Next Steps
<u>LEVEL 1</u> Exempt	Up to 1,000 ft ²	Less than 1 acre	Submit Worksheet A and Site Sketch Plan
<u>LEVEL 2</u> Disconnected Area Exemption	1,000 to ≤ 10,000 ft ² , if 100% disconnected from impervious areas	Less than 1 acre	Submit Worksheets A&B and Site Sketch Plan
<u>LEVEL 3</u> Minor Stormwater Site Plan	1,000 ft ² to ≤ 5,000 ft ² IF connected to impervious areas	Less than 1 acre	Submit Minor Stormwater Site Plan, Including Worksheets A&B, BMPs, and O&M Agreement
<u>LEVEL 4</u> Formal Stormwater Management Plan	Greater than 5,000 ft ² of impervious area if Level 2 and Level 3 criteria are not met	Less than 1 acre	Consult a Qualified Professional

¹ New Impervious Area must be cumulatively calculated, starting at the date of adoption of the Straban Township Stormwater Management Ordinance, July 9, 2012.

² The above table is only applicable to projects with disturbed areas of less than one (1) acre. Any projects that propose more than one (1) acre of disturbed area are subject to NPDES Permit requirements and will require a Formal Stormwater Management Plan.

Level 1 Submission Requirements

Worksheet A, included within this Appendix must be submitted. A Site Sketch Plan depicting the key features of the site must also be drawn, or depicted, to scale, to show the following:

Level 1 Site Sketch Plan Requirements:

- 1) Property boundary, address, and name of landowner.
- 2) Location of all existing and proposed structures (house, shed, addition, etc.) and any proposed downspouts. Include the dimensions of proposed structures and distance to property lines.
- 3) Site conditions and land covers (grassed areas, agricultural fields, direction of slope and stormwater flow on the property).
- 4) All existing and proposed driveways and impervious areas, including dimensions of proposed areas (stone and gravel driveways are considered impervious).
- 5) Natural features such as floodplains, streams, wetlands, tree lines and other vegetation on the property and within 50 feet of the property line for lots smaller than 5 acres.
- 6) Utility lines, sewer or water service location, or wells and on-site septic systems.

Level 2 Submission Requirements

Refer to the Design Assistance Manual – Worksheets A and B must be submitted. A Site Sketch Plan depicting the key features of the site must also be drawn, or depicted, to scale, to show the following:

Additional Level 2 Site Sketch Plan Requirements (Including all Level 1 requirements):

- 7) Distance from proposed downspouts to property line.
- 8) Approximate slopes of overland stormwater flow paths
- 9) Distance from proposed structures or downspouts along the stormwater flow path to any stream or wooded area.
- 10) Any other pertinent information that may be significant to the project site (existing drainage ways, steep slopes, etc.).
- 11) Soil boundaries and types for the project area [may be obtained from PA Soil Map (soilmap.psu.edu) or NRCS Web Soil Survey (websoilsurvey.nrcs.usda.gov)].

Level 3 - Minor Stormwater Site Plan Requirements

Refer to Design Assistance Manual - A minor stormwater site plan depicts the existing conditions of a property and the location of proposed impervious surfaces. Depicting the relationship between the proposed activities and distances to things like property lines, streams, and vegetated areas will help determine if the stormwater runoff created by the proposed project can be managed naturally within the property or if additional best management practices (BMPs) are needed to accommodate the stormwater runoff.

If a project qualifies for use of a minor stormwater site plan, the applicant may prepare and submit to the Municipality a minor stormwater site plan and the applicable Municipal Stormwater Management Worksheets. The Adams County GIS Office can also provide assistance to applicants to obtain property maps of existing features. A Site Sketch Plan depicting the key features of the site must be drawn, or depicted, to scale to show the information required for a Level 1 and Level 2 Site Sketch Plan and the following additional information when BMPs are required:

- 12) Any proposed tree or shrub plantings and species
- 13) Location, size, and depth of proposed stormwater BMPs.
- 14) Details of proposed stormwater BMPs, including materials to be used.

Impervious Surface (Impervious Area) - A surface that prevents the infiltration of water into the ground. Impervious surfaces and areas include but are not limited to roofs, additional indoor living spaces, patios and decks, garages, storage sheds and similar structures, streets, driveways, access drives, parking areas, and sidewalks. Any areas designed to be covered by loose surfacing materials such as gravel, stone and/or crushed stone, and intended for storage of and/or travel by vehicles, or pedestrians shall be considered impervious. Surfaces or areas designed, constructed and maintained to permit infiltration may be considered pervious.

SAMPLE SITE SKETCH PLAN FOR LAND USE PERMIT AND LEVEL 1 STORMWATER MANAGEMENT PLAN

SCALE: N.T.S.

EXISTING

HOUSE=2400 SQ. FT.
SIDEWALK=50 SQ. FT.
DRIVEWAY=4000 SQ. FT.

PROPOSED

GARAGE=750 SQ. FT.
DRIVEWAY=150 SQ. FT.
(5'x30' ADDED)

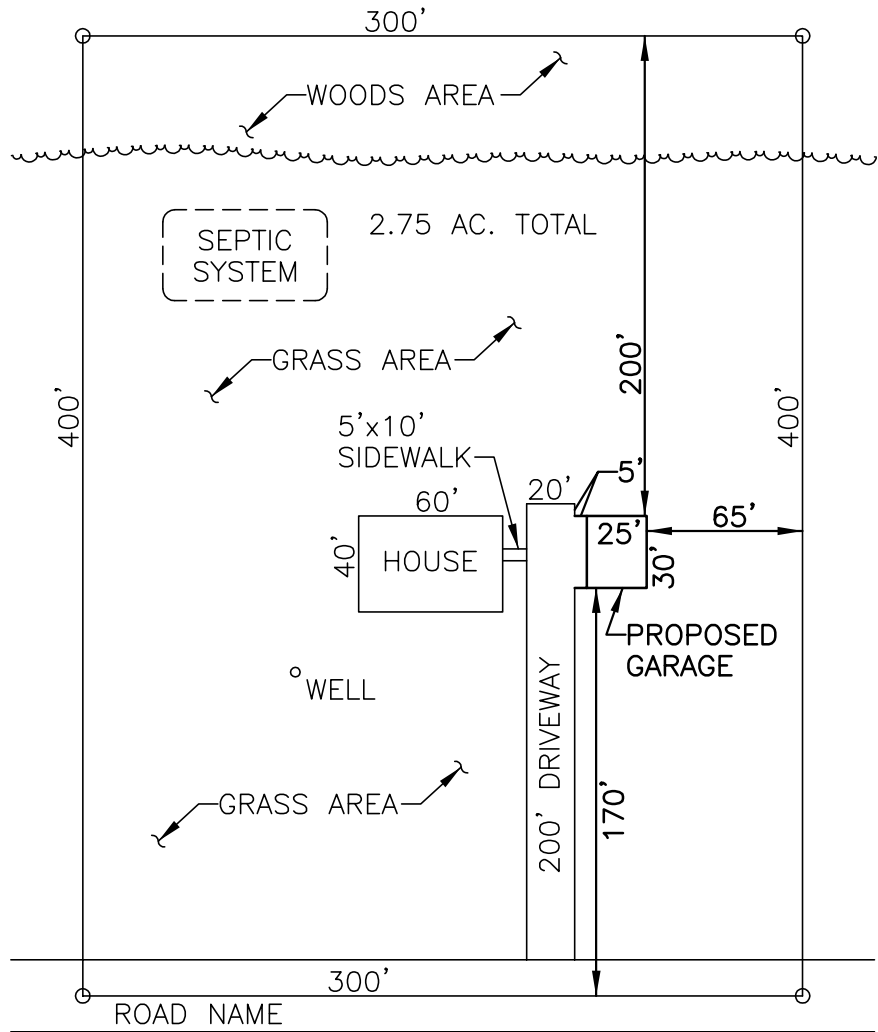
TOTAL EXISTING AND
PROPOSED=7350 SQ. FT.

NOTE:

THERE ARE NO STREAMS,
WETLANDS, OR FLOODPLAINS
ON THE PROPERTY.

CONTACT INFORMATION:

PROPERTY OWNER(S)
ADDRESS
PHONE NUMBER(S)
EMAIL ADDRESS



GENERAL NOTE:

PLEASE SEE APPENDIX B FOR COMPLETE LIST OF REQUIRED INFORMATION.

REVISIONS	PLAN PREPARATION		SAMPLE SITE SKETCH PLAN	SCALE AS SHOWN
	DRAWN BY: FSI	DATE: 08/01/12	STRABAN TOWNSHIP SAMPLE SITE SKETCH PLAN STRABAN TOWNSHIP, ADAMS COUNTY, PA	SHEET NO. 4 OF 4
	DESIGNED BY: EMV	CHECKED BY: WFH		