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STAFF ONLY		
Permit No		
Revision No		
Date		

GRADING PLAN CHECKLIST

Instructions: All Grading Plan submissions shall contain the following information. Any submissions brought to the county with missing or incomplete plans may be rejected and not reviewed until all necessary information has been provided. It should be noted that not all items contained below will, necessarily, be required for every project.

Consultant shall place one of the following marks (as appropriate) on each line: N/A = not applicable \checkmark = provided

Note: The following checklist is provided to assist the design professional in developing a complete Grading Plan to expedite the review. All final Grading Plans submitted for review are to include a copy of applicable checklist(s) signed by a registered design professional in responsible charge with the firm. Submittals made that do not include the checklists(s) may be returned without review, comments, or approval. Compliance with the checklist, however, in no way is meant to relieve the design professional of responsibility for project design.

Each Grading Plan shall include the following:

 A) Site Development Criteria, per Article 17 (show all items as listed in the Site
Development Plan Checklist, items $1 - 41$)
 B) Grading Plan and specifications:
 1) Legal name, address, and telephone number of the owner, developer, applicant and design consultant
 2) Signature and seal of a design professional registered in the State of Maryland
 3) A boundary line survey tied to the County coordinate system, and for any site for
which a permit is sought on approved and recorded subdivision lots, a copy of
thee officially recorded plan
 4) A detailed plan (plan sheet $24'' \ge 36''$), at no smaller than a $1'' = 40'$ scale
 5) A time schedule indicating the anticipated starting and completion dates of the
development sequence and the time of exposure of each area before the
completion of effective erosion and sediment control measures
 6) The elevations, dimensions, location, extent, and slope of proposed grading,
including building and driveway grades, sewer, water, storm drains, and, if
applicable, the 100-year flood elevation, clearly indicated with finished contours
at the same interval as required or used for existing topography
 7) The estimate of the quantity of excavation and fill involved
 8) Complete storm drainage studies for the site, if not previously submitted in
accordance with the provisions of Article 17 of the County Code
 9) An appropriate legend

	10) A 100-foot adjacent peripheral strip, showing existing topography at a contour
	interval as follows:
	a) where the site and its peripheral strip contain grades that average three
	percent or less, contours may not have more than a one-foot interval;
	b) where the site and its peripheral strip contain grades that average more than
	three percent, but less than 16%, contours may not have more than a two-foot
	interval: and
	c) where the site and its peripheral strip contain grades that average 16% or
	more, contours may not have more than a five-foot interval
	11) The supplemental reports and information that the Department acting in
	accordance with the recommendation of the Department of Public Works may
	require to ensure the adequacy of the proposed plan
	12) Provision for arcsion and addiment control measures throughout all phases of
	development including
	al share L clearing and subbing:
·	a) phase I, clearing and grubbing;
<u> </u>	b) phase II, rough grading and construction;
	c) phase III, final grading and vegetative establishment;
	d) phase IV, maintenance; and
	e) proposed time schedule for each of the phases
	13) Certification by the permittee that any clearing, grading, construction,
	development, or all of these, will be done pursuant to this plan and that
	responsible personnel involved in the construction project will have a
	certification of training at a Maryland Department of the Environment-approved
	training program for the control of sediment and erosion prior to beginning the
	project, except that the certification of training for responsible personnel
	requirement may be waived by the Department of Inspections and Permits on
	any project involving no more than 4 residential units
	14) An identification of the responsible personnel with the certificate of training
	issued by the Maryland Department of the Environment
	15) Details of temporary and permanent stabilization measures, including the
	following statement:
	a) "Following initial soil disturbance or re-disturbance, permanent or
	temporary stabilization shall be completed within
	i) three calendar days for the surface of all perimeter controls, dikes,
	swales, ditches, perimeter slopes, and all slopes greater than 3
	horizontal to 1 vertical (3:1):
	ii) seven days for all other disturbed or graded areas on the project site "
	iii) "The above requirements do not apply to interior areas of a surface
	mine site where the stabilization material would contaminate the
	recoverable resource. Maintenance shall be performed as necessary to
	ensure that the stabilized areas continuously meet the appropriate
	requirements of the '2011 Maryland Standards and Specifications for
	Soil Erosion and Sediment Control? "
	16) The sequence of construction describing the relationship between the
	implementation and maintenance of controls including normanent and
	implementation and maintenance of controls, including permanent and
	temporary stabilization and the various stages or phases of earth disturbance and

	construction and including, as a minimum, a schedule and time frame for the
	 a) clearing and grubbing for those areas necessary for installation of perimeter controls;
	b) construction of perimeter controls:
	c) remaining clearing and grubbing.
	d) road grading.
	e) grading for the remainder of the site:
	f) utility installation and whether storm drain will be used or blocked after
	construction.
	g) final grading landscaping or stabilization: and
	h) removal of controls
	17) Additional information or data deemed appropriate by the Department and the
	Anne Arundel County Soil Conservation District
	18) The design professional's recommendations to guide the design, construction,
	and inspection of the proposed site and a record of the following factors on
	which the recommendations of the design professional were based:
	a) the field observations;
	b) field test data such as description of adjacent or nearby structures, geologic
	history and origin of soil, a field test boring log giving classification,
	standard penetration data, and water level observations, and field test results
	for pile load test, plate load test, and others as necessary;
	c) laboratory test data such as moisture density curves, grain size curves, shear
	strength tests, moisture content, and consolidation test results; and
	d) project characteristics such as those affecting soil and foundation design,
	sensitivity to settlement and design loads, the factor of safety against failure,
	the consequences of failure and merits of programmed maintenance, and the
	location of borrow pits on the site or the location where suitable fill will be
<u> </u>	19) Grading plans and specification shall set forth in detail the use and extent of fills
	in accordance with the Anne Arundel County Standard Spectification for
	Construction and Anne Arundel County Design Manual.
	20) The recommendations of a design professional to guide the design, construction,
	and inspection of the proposed site shall take into consideration the following:
	a) clearing, grubbing, keying and undercutting for the acceptance of fill;
	b) compaction requirement for each class of fill;
	c) allowable slope angle and bench requirements for cut and fill slopes;
	d) erosion control during both the construction and the life of the facility;
<u> </u>	e) groundwater control during both the construction and the life of the facility;
<u> </u>	t) testing and inspection requirements of this title; and
	g) location, use and restoration of borrow and spoil areas
	21) The Stormwater Management Data form.

Applicant's Certification

I, the undersigned, hereby certify that the attached Grading & Site Plan submittal has all items required by the Anne Arundel County Code. I understand that if any of the items required are deemed missing from the submittal, the plan will not be acceptable for review and will be returned as incomplete. My client is aware of this criterion and will accept all responsibility for delays due to incomplete submittals. I am enclosing an explanation for each item which I feel is not required and, therefore, has not been included in this submittal package.

Design Professional's Signature

NOTE: DESIGN PROFESSIONAL MUST SIGN AND SEAL THIS CHECKLIST

Reviewer's Signature

Reviewer's Signature

Date

Date

Date