

Table E-4: Erosion and Sediment Control Plan Requirements

| # | Requirement |
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| 1 | General plan presentation requirements listed in Table E-1 |
| 2 | Name of owner and designer |
| 3 | Site address (existing and proposed, if different) |
| 4 | Location map including site location within watershed(s) |
| 5 | Property lines, subdivision or lot consolidation lines, all metes, bounds, boundaries, dimensions, building lines and setbacks (if two or more lines (property lines, limits of disturbance (LOD) lines, right-of-way line, etc.) coincide at the same location or over one another on the plan, separate them on additional plan sheets) |
| 6 | Street lines, street names, lot names, easements, other land divisions, and their purposes and confirmed locations |
| 7 | Location of boundaries of all existing and proposed rights-of-way, easements, cartway widths for all streets and private roads, and drainage rights-of-way to remain post-construction (any proposed changes to the City plan should also be noted with an ordinance number, if known) |
| 8 | Location/outline of all existing structures to remain within 25 feet of the limit of disturbance |
| 9 | Location of all existing utilities (water, sewer, stormwater), including stormwater management practices, to remain above and below ground within 25 feet of the limit of disturbance |
| 10 | Existing topography of site (contours, sub-basins, etc.) in one-foot contour intervals (minimum) on-site and on adjacent lands within 25 feet of the property line and on the full width of abutting public lands, and private rights-of-way and easement(s) |
| 11 | Location of all right-of-way encroachments, such as egress wells, stairs, light poles, trees, building overhangs, etc. |
| 12 | Delineation, labeling, and square footage of the proposed LOD, including all utility connections, sidewalk replacement, stockpiles, and construction entrances within the LOD. The LOD should not only take into consideration proposed improvements, but also areas likely to be disturbed during construction, such as for the installation of erosion and sediment control measures. |
| 13 | Proposed topography of site (distinguish between existing and proposed contours) in one-foot contour intervals (minimum) |
| 14 | Identification of all proposed site improvements, such as buildings, basements, parking lots, driveways, landscaping, SMPs, drainage, etc., that should be distinguished from any existing features to remain |
| 15 | Location and dimensions of all existing and proposed driveways, curb cuts, and off-street parking lots, with distances from lot lines |
| 16 | Proposed building lines with street setback lines and distances to other existing and proposed buildings if within 15 feet |

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| 17 | Proposed lot lines and lot identification numbers, dimensions, and areas |
| 18 | Delineation of impervious surfaces |
| 19 | Location of vegetation identified for preservation and planned landscape areas |
| 20 | Location of all proposed water and fire utility connections, including proposed sizes, if known Water meter/meter pit must be shown within 35 feet of the property/house/right-of-way line (show dimension from property line to metered structure) Include backflow prevention on the water line, when applicable |
| 21 | Location of all proposed sanitary sewer and stormwater connections including proposed sizes, if known (sewer connections made directly into inlets and manholes are not permitted) |
| 22 | Extent and boundaries of 100-year floodplain in relation to the project |
| 23 | Depiction of post-development hydrology of the site with flow lines and/or drainage areas including discharge points from property and type of discharge (diffused, concentrated, piped, etc.) |
| 24 | Location of any proposed on-site disposal systems (septic tanks) and drain fields |
| 25 | Location of all proposed erosion and sediment control measures, including, but not limited to, inlet protection, silt fence and/or compost filter sock, rock filter outlet, rock construction entrance, pumped water filter bag, concrete washout station, and stockpiles, which must be surrounded by silt fencing |
| 26 | Dimensions of rock construction entrance(s), which must be, at minimum, 50 feet in length and 20 feet in width |
| 27 | Tree protection fencing around existing trees proposed to remain |
| 28 | Geotextile or filter stone for erosion protection of soil beneath any proposed riprap |
| 29 | Objects of considerable mass (i.e. concrete blocks, sand bags, etc.) immediately downslope of any compost socks placed on paved surfaces (at same intervals as recommended by sock manufacturer for stakes) |
| 30 | The designer must prescribe dust control measures that are appropriate to the project. The designer is referred to the City of Philadelphia Department of Public Health Air Management Services <i>Construction/Demolition/Earthworks Dust Control Requirements FAQ</i> www.phila.gov/media/20190211104838/Dust-Control-Guideline-FAQ-20190205a-__FINAL.pdf for guidance. |
| 31 | Standard construction details from the <i>PA DEP Erosion and Sediment Pollution Control Manual</i> (2012 or latest) for inlet protection, silt fence and/or compost filter sock, rock filter outlet, rock construction entrance, pumped water filter bag, concrete washout station, and stockpile location (if any of these erosion and sediment control measures do not apply to the project site, justification must be provided as notes on the plan) |
| 32 | Standard Erosion and Sediment Control Notes listed in Table E-5, as applicable |
| 33 | Standard Sequence of Construction Notes listed in Table E-6, as applicable |
| 34 | Electronic signature and seal of a licensed professional if project's limit of disturbance exceeds 15,000 square feet |