

Ohio Administrative Code

Rule 3745-400-52 Processing facility design requirements.

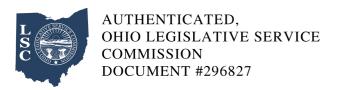
Effective: April 18, 2022

Processing facility design plan. The processing facility design plan shall be signed and sealed by a professional engineer registered in Ohio. All drawings, calculations, and narrative shall appear on plan sheets with minimum dimensions of twenty-four inches by thirty-six inches. If narrative is necessary to explain the drawings or calculations, the narrative shall appear on the plan sheet with that drawing or calculation. At a minimum, the processing facility design plan shall contain the following:

- (A) A cover sheet, to be numbered sheet 1, that contains the following information:
- (1) The name, physical address, and mailing address of the processing facility.
- (2) The processing facility property line and processing facility boundary to be shown on a road map with a scale of one inch equals no greater than one mile.
- (3) The name and address of each owner of the land on which the processing facility is or will be located.
- (4) The name and address of the professional engineer who prepared the plan.
- (B) Drawings of the processing facility environs and items located within five hundred feet, unless otherwise specified below, of the horizontal limits of construction and demolition debris processing illustrated on a series of plan sheets numbered consecutively 2A, 2B, 2C, etc. with a scale of one inch equals no greater than two hundred feet including the proposed and existing horizontal limits of construction and demolition debris processing and the locations of the following:
- (1) The processing facility property line as determined by a survey conducted by a professional surveyor registered in Ohio.



- (2) All existing and proposed roads, railroads, and structures.
- (3) All occupied dwellings.
- (4) All perennial streams within one hundred feet of the horizontal limits of construction and demolition debris processing.
- (5) All category 3 wetlands within one hundred feet of the horizontal limits of construction and demolition debris processing.
- (6) Existing topography showing vegetation, streams, wetlands, lakes, springs, and other surface waters, with a contour interval no greater than five feet and the general flow direction of all surface waters.
- (7) All public water supply wells and all developed springs.
- (8) The north arrow.
- (9) All oil wells and gas wells. If any oil wells or gas wells are identified in accordance with this paragraph, a letter from the Ohio department of natural resources or other appropriate agency verifying the type, location, depth, and status of the well shall be included.
- (C) Drawings of the proposed design and layout of the processing facility on plan sheets that are numbered consecutively 3A, 3B, 3C, etc. with a scale of one inch equals no greater than two hundred feet that include the following:
- (1) The horizontal limits of construction and demolition debris processing.
- (2) The location, boundaries, maximum dimensions, and composition of all existing and proposed piles of material.
- (3) The location of all existing and proposed access roads.



- (4) The location of all existing and proposed fencing, gates, and natural or other screening.
- (5) The location of surface water drainage and sediment control structures.
- (D) Detail drawings on plan sheets numbered consecutively 4A, 4B, 4C, etc. that include the following:
- (1) All existing and proposed roads.
- (2) Surface water drainage and sediment control structures designed in accordance with paragraph (E)(3) of this rule.
- (3) Visual barriers, if applicable, as specified in rule 3745-400-58 of the Administrative Code.
- (4) Working surfaces.
- (E) Design calculations with references to equations used showing site-specific input and assumptions on plan sheets numbered consecutively 5A, 5B, 5C, etc., that include the following:
- (1) The maximum rate of processing in cubic yards per day.
- (2) The maximum volume in cubic yards of mixed construction and demolition debris the processing facility may accumulate at any time.
- (3) Calculations for surface water drainage and sediment control structures in accordance with Ohio environmental protection agency "Rainwater and Land Development Manual."