ONE ALBUQUERQUE planning

Alan Varela, Director

Mayor Timothy M. Keller

October 18, 2024

Mitchell Monnin P.E.
Burkhardt Engineering
28 N. Cherry St.
Germantown, OH 45327

RE: Goodwill at 270 98th St NW
Erosion and Sediment Control Plan
Engineer's Stamp Date 9/13/24 (K09E048E)

Dear Mr. Monnin:

Based on the information in your submittal received on 9/14/24, and Scooter Haynes resubmittal on 10/16/24, the ESC plan cannot be approved until the following comments have been addressed.

1. This site's only allowed stormwater discharge location is concentrated flow from the southeast corner. Silt Fence (SF) isn't adequate for concentrated flow, so you must provide diversion berms/swales (DV) along the low edges of the site to direct stormwater into a Sediment Basin (SB) or Sediment Trap (ST) per CGP 2.2.12 in addition to the SF.
    a. Design the basin or impoundment to provide storage for either:
        i. The calculated volume of runoff from a 2-year, 24-hour storm or
        ii. 3,600 cubic feet per acre drained.
    b. Utilize outlet structures that withdraw water from the surface of the sediment basin or similar impoundment unless infeasible.
    c. Use erosion controls and velocity dissipation devices to prevent erosion at inlets and outlets.
    d. Remove accumulated sediment to maintain at least one-half of the design capacity and conduct all other appropriate maintenance to ensure the basin or impoundment remains in effective operating condition.

    Include the following information for the SB or ST in your resubmittal.
    e. Specific location of the basin, including dimensions.
    f. Plan view of the storage basin and emergency spillway, showing existing and proposed contours.
    g. Add a bold note at the pond saying, "the pond may not be removed until the rest of the construction is complete and the site is stabilized."
    h. Cross section of dam, principal spillway, emergency spillway, and profile of emergency spillway with elevation specifications for each.
    i. Hydraulic capacity calculations and construction specifications for the principal pipe outlets.
    j. Runoff calculations, 24-hr volume, and peak flow rate for 2-year, 10-year, and 100-year frequency storms assuming the densest impervious cover that will occur during construction.
    k. Hydraulic capacity calculations and construction specifications for the emergency spillway if the primary outlet won't pass the 100-year flow.
    l. Storage computations
    m. Sediment volume required (& calculations)
    n. Sediment volume available, cleanout elevation, and depth below the primary outlet.

2. Construction details and specifications for DV, SB, and ST are missing and must be added to the Detail sheet per CGP 9.6.1.c.i.
3. The SWPPP must include site-specific interim and permanent stabilization per CGP 9.6.1.c.i. The Landscape Plan can be used to satisfy this requirement and should be submitted separate from the ESC Plan with the application to the Stormwater Quality Section of the Planning Department and they should be included in the SWPPP. Provide specifications on the ESC Plan for any disturbed areas not covered by the Landscape Plan.
4. Replace the City Standard Notes with the current version (attached).
5. Update the engineer's stamp date each time the plan changes.

If you have any questions, contact me at 924-3420 or jhughes@cabq.gov.

Sincerely,
James D. Hughes, P.E., CPESC

James D. Hughes

Principal Engineer, Planning Dept.
Development and Review Services