

APPENDIX C

GESC DRAWING AND NARRATIVE CHECKLIST

A copy of this GESC Drawing and Narrative Checklist must be completely filled out, signed by the designer, and submitted with the GESC Plan.

A. DRAWINGS

I. COVER SHEET

- Yes___ No___ 1. Project Name
- Yes___ No___ 2. Project Address (if applicable)
- Yes___ No___ 3. Owner Address
- Yes___ No___ 4. Design Firm's Name and Address
- Yes___ No___ 5. Plan Sheet Index
- Yes___ No___ 6. Designer's Signature Block
- Yes___ No___ 7. GESC Plan Designer's signature block with name, and date. Signature block shall include the following note: **THE GRADING, EROSION AND SEDIMENT CONTROL PLAN** INCLUDED HEREIN HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH THE REQUIREMENTS OF THE GRADING, EROSION, AND SEDIMENT CONTROL (GESC) CRITERIA MANUAL OF THE CITY OF CAÑON CITY.
- Yes___ No___ 9. City Acceptance Block. .
- Yes___ No___ 10. General Location Map at a Scale of 1-inch to 1000- feet to 8000-feet indicating:
- general vicinity of the site location.
 - major roadway names.
 - north arrow and scale.

II. GESC DRAWING INDEX SHEET

For projects that require multiple plan-view sheets to adequately show the project area (based on the specified scale ranges) a single plan-view sheet shall be provided at a scale appropriate to show the entire site on one sheet. Areas of coverage of the multiple blow-up sheets are to be indicated as rectangles on the index sheet.

III. INITIAL GESC PLAN

This plan sheet shall provide grading, erosion and sediment controls for the initial clearing, grubbing and grading of a project. At a minimum, it shall contain:

- Yes___ No___ 1. Property Lines
- Yes___ No___ 2. Existing and proposed easements
- Yes___ No___ 3. Existing topography at one- or two-foot contour intervals, extending a minimum of 100 feet beyond the property line
- Yes___ No___ 4. Location of any existing structures or hydrologic features within the mapping limits
- Yes___ No___ 5. USGS Benchmark used for project
- Yes___ No___ 6. Limits of construction encompassing all areas of work, access points, storage and staging areas, borrow areas, stockpiles, and utility tie-in locations in on-site and off-site locations. Stream corridors and other resource areas to be preserved and all other areas outside the limits of construction shall be lightly shaded to clearly show area not to be disturbed
- Yes___ No___ 7. Location of stockpiles, including topsoil, imported aggregates, and excess material
- Yes___ No___ 8. Location of storage and staging areas for equipment, fuel, lubricant, chemical (and other materials) and waste storage
- Yes___ No___ 9. Location of borrow or disposal areas
- Yes___ No___ 10. Location of temporary roads
- Yes___ No___ 11. Location, map symbol, and letter callouts of all initial erosion and sediment control BMPs
- Yes___ No___ 12. Information to be specified for each BMP, such as type and dimensions, as called for in the Standard Notes and Details
- Yes___ No___ 13. City of Cañon City approval block
- Yes___ No___ 14. Other information as may be reasonably required by the City of Cañon City

IV. INTERIM GESC PLAN

This plan sheet shows BMPs to control grading, erosion and sediment during the initial overlot grading, site construction and site revegetation process. At a minimum, it shall contain the following information: The Interim GESC Plan shall show all the information included on the Initial GESC Plan, as noted below:

- Yes___ No___ 1. Existing topography at one- or two-foot contour intervals extending a minimum of 100 feet beyond the property line, as shown on Initial GESC Plan
- Yes___ No___ 2. Location of all existing erosion and sediment control measures on site, as shown on the Initial GESC Plan Sheet. These control measures shall be screened. Dimension information for initial stage BMPs shall not be shown
- Yes___ No___ 3. Items 1, 2, and 4 through 10 from the Initial GESC Plan (see Section 3.17.3). In addition, the Interim GESC Plan shall include the following:
- Yes___ No___ 4. Proposed topography at one- or two-foot contour intervals, showing elevations, dimensions, locations, and slope of all proposed grading
- Yes___ No___ 5. Outlines of cut and fill areas
- Yes___ No___ 6. Location of all interim erosion and sediment controls, designed in conjunction with the proposed site topography, but also considering the controls designed for the existing topography
- Yes___ No___ 7. Locations of all buildings, drainage features and facilities, paved areas, retaining walls, cribbing, water quality facilities, or other permanent features to be constructed in connection with, or as a part of, the proposed work, per approved plat, SIP, RSP, or other improvement plan
- Yes___ No___ 8. The following notes:
- SHADED BMPS WERE INSTALLED IN INITIAL STAGE AND SHALL BE LEFT IN PLACE IN INTERIM STAGE.
 - ALL INTERIM BMPS, INCLUDING SEEDING AND MULCHING OF DISTURBED AREAS, MUST BE COMPLETED PRIOR TO ISSUANCE OF ANY CURB AND GUTTER PERMITS.
 - SEE CONSTRUCTION PLANS FOR DETAILS OF PERMANENT DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, CULVERTS, STORM DRAINS, AND INLET AND OUTLET PROTECTION.
- Yes___ No___ 9. Summary of cut and fill volumes
- Yes___ No___ 10. City of Cañon City approval block
- Yes___ No___ 11. Other information as may be reasonably required by the City of Cañon City

V. Final GESC Plan.

This plan sheet shows controls for final completion of the site. At a minimum, this plan sheet shall contain the indicated information. The Final GESC Plan shall include all information shown on the Initial and Interim Plans, as noted below:

- Yes___ No___ 1. Existing topography in areas of proposed contours need not be shown.
- Yes___ No___ 2. Existing Initial and Interim BMPs shall be shown, (**screened**).
Dimension information shall not be shown.

In addition, the following information shall be shown:

- Yes___ No___ 3. Directional flow arrows on all drainage features.
- Yes___ No___ 4. Any Initial or Interim BMPs that are to be removed and any resulting disturbed area to be stabilized.
- Yes___ No___ 5. Location of all Final erosion and sediment control BMPs (including seeding and mulching of any areas not stabilized in the Interim Plan), permanent landscaping, and measures necessary to minimize the movement of sediment off site until permanent vegetation can be established.
- Yes___ No___ 6. Show area of buildings, pavement and permanent landscaping per accepted plat, SIP, RSP, or other improvement plan.
- Yes___ No___ 7. Show seeding and mulching (SM) everywhere except buildings and pavement areas.
- Yes___ No___ 8. Show other BMPs considered by the designer to be appropriate.
- Yes___ No___ 9. Show the following BMPs to be removed prior to end of construction:
- Indicate dewatering (DW) to be removed.
 - Indicate temporary stream crossings (TSC) to be removed.
 - Indicate stabilized staging area (SSA) to be removed.
 - Indicate street inlet protection (IP) to be removed.
 - Indicate vehicle tracking control (VTC) to be removed.
 - Indicate construction fence (CF) to be removed.
- Yes___ No___ 10. Include the following notes:
- SHADED BMPS WERE INSTALLED IN INITIAL OR INTERIM GESC PLAN AND, UNLESS OTHERWISE INDICATED, SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT
 - SEE CONSTRUCTION PLANS FOR DETAILS OF PERMANENT DRAINAGE FACILITIES SUCH AS DETENTION FACILITIES, CULVERTS, STORM DRAINS, AND INLET AND OUTLET PROTECTION
- Yes___ No___ 11. City of Cañon City approval block
- Yes___ No___ 12. Other information as may be reasonably required by the City of Cañon City

B. NARRATIVE

I. NARRATIVE REQUIREMENTS FOR STANDARD GESC PERMITS

The narrative report shall contain the following information:

- Yes___ No___ 1. Name, address, and telephone number of the applicants – The name, address, and telephone number of the Professional Design Engineer preparing (or supervising the preparation of) the GESC Plan shall also be included, if different from the Applicants
- Yes___ No___ 2. Project description – A brief description of the nature and purpose of the land-disturbing activity, the total area of the site, the area of disturbance involved, and project location including township, range, section and quartersection, or the latitude and longitude, of the approximate center of the project
- Yes___ No___ 3. Existing site conditions – A description of the existing topography, soils, vegetation, and drainage; a description of any wetlands on the site, and a description of neighboring areas such as streams, lakes, residential areas, roads, etc., which might be affected by the land disturbance
- Yes___ No___ 4. Erosion and sediment control measures – A description of the methods presented in the GESC Criteria Manual that will be used to control erosion and sediment on the site
- Yes___ No___ 8. Timing/Phasing schedule – A schedule indicating the anticipated starting and completion time periods of the site grading and/or construction sequence, including the installation and removal of erosion and sediment control BMPs. Indicate the anticipated starting and completion time periods of individual project phases
- Yes___ No___ 9. Permanent stabilization – A brief description, including applicable specifications, of how the site will be stabilized after construction is completed
- Yes___ No___ 10. Stormwater management considerations – Explain how stormwater runoff from and through the site will be handled during construction
- Yes___ No___ 11. The following note – “This *Grading, Erosion and Sediment Control Plan* has been placed in the City of Cañon City file for this project and appears to fulfill the applicable *Grading, Erosion and Sediment Control* Criteria. I understand that additional grading, erosion and sediment control measures may be required of the Permittees, due to unforeseen erosion problems or if the submitted plan does not function as intended. The requirements of this plan shall run with the land and be the obligation of the Permittees until such time as the plan is properly completed, modified or voided.”
- Yes___ No___ 12. Signature Page for Permittees acknowledging the review and acceptance of responsibility, and a statement by the Professional Engineer acknowledging responsibility for the preparation of the GESC Plan