

Widefield

El Paso County Grading and Erosion Control Plan Submittal Checklist

- 1) Vicinity map. – Please see first page of Widefield GEC
- 2) North arrow and acceptable scale (1"=20' to 1"=100').
- 3) Existing and proposed Contours 2 feet or less (except for hillside). - Please see Widefield GEC – Note. 53
- 4) Standard EPC Grading and Erosion Control Notes included. – Please see Widefield GEC –pg. G-413
- 5) Delineate mapped FEMA 100-yr floodplain. – Please see Widefield GEC – Note. 3 on Page G-410 and G-411.
- 6) Construction site boundaries clearly delineated.
- 7) Areas of soil disturbance shown.
- 8) All proposed construction BMPs and Construction BMP details shown.
- 9) Show existing vegetation.
- 10) Existing and proposed water courses including springs, streams, wetlands, Detention ponds, roadside ditches, irrigation ditches and other water surfaces.
- 11) Show all existing structures.
- 12) Show all existing utilities.
- 13) Submit geotechnical investigation from soils engineer. – Submitted geotechnical reports on EPC Project Site.
- 14) Conclusions from soils report and geologic hazards report incorporated in grading design. – Please see Widefield GEC - Note. 54
- 15) Show existing and proposed property lines and site boundary.
- 16) All existing and proposed easements (permanent and construction).including required off site easements.
- 17) Any offsite grading clearly shown and called out.
- 18) Existing and proposed storm drainage facilities as necessary to show all BMPs. – Please see Widefield GEC – Note 55.
- 19) Temporary sediment ponds provided for disturbed drainage areas greater than one acre. – Please see Widefield GEC – Note 56.
- 20) Proposed slopes steeper than 3:1 with top and toe of slope delineated. – Please see Widefield GEC - Page G-411 of Widefield GEC.
- 21) Erosion control blanketing shown on slopes steeper than 3:1. – Please see Widefield GEC – Note 33.
- 22) Retaining walls greater than or equal to 4ft in height require design by P.E. and building permit from - Regional Building Department. Locations to be shown on the plan (not located in County ROW). - Please see Widefield GEC - Note 57.
- 23) Vehicle tracking shown at all construction entrances.
- 24) The erosion control plan is to be certified by a Colorado Registered P.E. with appropriate signature blocks for EPC and the Engineer and the statement "The Owner will comply with the requirements of the Erosion Control Plan" signed by the owner.
- 25) Required Signature blocks:

1	Applicant (owner/designated operator), Prepared By, SWMP Administrator, and Contractor information – See title page of the Widefield SWP write-up.	<input type="checkbox"/>
2	Table of Contents	<input checked="" type="checkbox"/>
3	Site description and location to include vicinity map (not just Section, Township, Range)	<input type="checkbox"/>
4	Narrative description of construction activities proposed (e.g., may include clearing and grubbing, temporary stabilization, road grading, utility / storm installation, final grading, final stabilization, and removal of temporary control measures)	<input checked="" type="checkbox"/>
5	Phasing plan – may require separate drawings indicating initial, interim, and final site phases for larger projects. Provide "living maps" that can be revised in the field as conditions dictate.	<input checked="" type="checkbox"/>
6	Proposed sequence for major activities: Provide a construction schedule of anticipated starting and completion dates for each stage of land-disturbing activity depicting conservation measures anticipated, including the expected date by which the final stabilization will be completed.	<input checked="" type="checkbox"/>
7	Estimates of the total site area and area to undergo disturbance	<input checked="" type="checkbox"/>
8	An estimate of runoff coefficients before and after project construction (may not be required with next State update) –see pg. 2-6. Section 2.2.6 of the Widefield SWP write-up.	<input type="checkbox"/>

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9	Soil erosion potential and potential impacts upon discharge	<input checked="" type="checkbox"/>
10	A description of existing vegetation at the site and percent ground cover	<input checked="" type="checkbox"/>
11	The location and description of any other potential pollution sources such as fueling (mobile or stationary), chemical storage, etc.	<input checked="" type="checkbox"/>
12	Material handling to include spill prevention and response procedures	<input checked="" type="checkbox"/>
13	Spill prevention and pollution controls for dedicated batch plants	<input checked="" type="checkbox"/>
14	Other stormwater pollutant control measures to include waste disposal and cleanup of off-site soil tracking	<input checked="" type="checkbox"/>
15	The location and description of any anticipated non-stormwater components of discharge (springs, irrigation, etc.)	<input checked="" type="checkbox"/>
16	The name of ultimate receiving waters; size, type and location of stormwater outfall or storm sewer system discharge	<input checked="" type="checkbox"/>
17	SWMP Map to include: a) construction boundaries	<input checked="" type="checkbox"/>
	b) all areas of disturbance	<input checked="" type="checkbox"/>
	c) areas of cut and fill – Please see second page of the GEC – G-40	<input type="checkbox"/>
	d) areas used for storage of building materials, soils or wastes (stockpiles) – Please see Widefield GEC - Note 11	<input type="checkbox"/>
	e) location of any dedicated asphalt / concrete batch plants	<input checked="" type="checkbox"/>
	f) location of all structural BMPs – Please see Widefield GEC – location of structural BMPs can be found on any page.	<input type="checkbox"/>
	g) location of all non-structural BMPs – Please see Widefield GEC – Note 12 & 30 for locations of non-structural BMPs.	<input type="checkbox"/>
	h) springs, streams, wetlands and other surface waters – Please see Widefield GEC – wetlands and surface water are labeled on G-411 and G-412. Note 44 of the Widefield Drawings also provide BMP placement near surface water and wetlands.	<input type="checkbox"/>
18	Narrative description of all structural BMPs to be used, including: silt fence, straw bales, check dams, sediment basins, diversion swales, etc. Ensure that methods are ECM/DCM-approved.	<input checked="" type="checkbox"/>
19	Description of non-structural BMPs to be used including seeding, mulching, protection of existing vegetation, site watering, sod placement, etc.	<input checked="" type="checkbox"/>
20	Technical drawing details for BMP installation and maintenance	<input type="checkbox"/>
21	Procedure for how the SWMP will be revised	<input checked="" type="checkbox"/>
22	Description of final stabilization and long-term stormwater quality measures to control stormwater pollutants after construction operations have been completed	<input checked="" type="checkbox"/>
23	Specification that vegetative cover density is to be a minimum of 70% of pre-disturbed levels to be considered stabilized	<input checked="" type="checkbox"/>
24	Outline of permit holder inspection procedures to install, maintain, and effectively operate BMPs to manage erosion and sedimentation	<input checked="" type="checkbox"/>
25	Record keeping procedures identified to include signature on inspection logs and location of SWMP records onsite	<input checked="" type="checkbox"/>

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