

Post Construction Plan Review Checklist

Post Construction Control Measure Requirements

Any project located within the City that includes clearing, grading, excavation, concrete or bituminous paving, and other land disturbing activities, resulting in the disturbance of one (1.0) acre or more of total land area, is required to include a post construction control measure. This includes both new development and redevelopment, and disturbances of less than one (1.0) acre of land that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1.0) or more acres of land.

Storm System Plan Checklist

All applicable sites shall include a storm system plan, which should include, at a minimum, the following information:

Item	Dev	City	Comments
1.A general location map with sufficient detail to identify drainage flow entering and leaving the development and general drainage patterns			
2.Major construction (i.e., development, irrigation ditches, existing detention facilities, culverts, storm sewers) along the path of drainage			
3.Basins and divides identified with topographic contours.			
4.Specifications and details for proposed storm system devices			
5.Detailed requirement for the maintenance of any proposed storm system devices			
6.Signed Maintenance Agreement			
7.Other information as required by the City Engineer			

Post Construction Plan Checklist: Extended Detention Basin (EDB)

Extended Detention Basin (EDB) Checklist			
<u>PLAN AND PROFILE SHEET</u>	<u>Dev</u>	<u>City</u>	<u>Comments</u>
1. Location and labels for all major features of EDB (inflow structure(s), forebay, trickle channel, access road, outlet work(s), spillway, maintenance access ramps, embankment, etc.)			
2. Contours			
3. Other utilities in vicinity of EDB			
4. Linework for right-of-way lines, lot lines, easements, and tracts			
5. Location and labels for all major features of EDB (inflow structure(s), forebay, trickle channel, access road, outlet work(s), spillway, maintenance access ramps, embankment, etc.)			
6. Invert elevations at major features of EDB (inflow structure(s), forebay, outlet work(s))			
7. Water quality water surface elevation			
8. Water surface elevation of all applicable storm events			
9. Label for upper and bottom stages for EDB			
<u>DETAIL SHEET</u>	<u>Dev</u>	<u>City</u>	<u>Comments</u>
1. Volume provided by the EDB forebay including the WQCV			
2. WQCV drain time			
3. Seed mix, ensure consistency with Landscape Plan			
4. Inspection and Maintenance Requirements for each Specific EDB Feature, including frequency			
5. Summary of Routine Maintenance Activities for an EDB			
6. Summary of Minor Maintenance Activities for an EDB			
7. Summary of Major Maintenance Activities for an EDB			
8. Water quality outlet works detail			
9. Water quality plate detail			
10. Maintenance access road detail			
11. Trickle channel typical section			
12. Forebay edge detail (or cross section) which includes maximum allowed sediment depth in forebay			
13. Forebay release structure detail			
14. Spillway detail(s), including cutoff wall			

Post Construction Plan Checklist: Rain Garden/Bioretenention/Porous Landscape Detention(PLD)

Rain Garden/Bioretenention/Porous Landscape Detention(PLD)			
<u>PLAN SHEET</u>	<u>Dev</u>	<u>City</u>	<u>Comments</u>
1. Location and labels for all major features of Rain Garden (inlet pipe, overflow outlet structure, outlet pipe, etc.)			
2. Linework for underdrains			
3. Linework for right-of-way lines, lot lines, easements, and tracts			
4. Contours			
5. Other utilities in vicinity of Rain Garden			
6. Cross reference to Rain Garden Operation and Maintenance Details sheet			
<u>DETAIL SHEET</u>	<u>Dev</u>	<u>City</u>	<u>Comments</u>
1. WQCV provided by the Rain Garden			
2. WQCV drain time			
3. Inspection and Maintenance Requirements for each Specific Rain Garden Feature, including frequency			
4. Summary of Routine Maintenance Activities for a Rain Garden			
5. Summary of Minor Maintenance Activities for a Rain Garden			
6. Summary of Major Maintenance Activities for a Rain Garden			
7. Overflow outlet box detail/typical cross section			
8. Typical Rain Garden cross section (include label for depth of WQCV)			
9. Underdrain detail including labels for the depth and type of fill materials and diameter of perforated pipe			
10. Rundown cross section and details (if applicable).			

Post Construction Plan Checklist: Grass Swale/Grass Buffer

Grass Swale/Grass Buffer			
PLAN SHEET	Dev	City	Comments
1. Location of grass swale(s) and/or buffer(s)			
2. Contours			
3. Linework for right-of-way lines, lot lines, easements, and tracts			
4. Labels for streets adjacent to grass swale(s)/buffer(s)			
5. Linework for all storm sewer structures			
6. Cross-reference to Grass Swale/Buffer Operation and Maintenance Details sheet			
DETAIL SHEET	Dev	City	Comments
1. Inspection and Maintenance Requirements, including frequency			
2. Summary of Routine Maintenance Activities			
3. Summary of Minor Maintenance Activities			
4. Summary of Major Maintenance Activities			
5. Typical grass swale and/or buffer section including typical horizontal and vertical dimensions, sideslopes, subgrade material, and underdrain (if applicable).			
6. Underdrain details (if applicable) including trench dimensions, perforated PVC dimensions, and trench fill material.			