

PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT
SITE CONSTRUCTION PERMIT AND TENTATIVE PLAT* REVIEW CHECKLIST

*Generally, the Tentative Plat must support the drainage plan presented in the Drainage Report. The amount of detail required may depend on the site conditions. When the Site Construction Permit and Tentative Plat are combined, all construction detail is necessary. If they are not combined, some detail may be deferred to the Site Construction Permit.

This checklist is to assist Pima County Regional Flood Control District staff in completing a review of project drainage information and to help assure consistent reviews. The checklist is provided as a courtesy to the public. It is not a substitute for professional judgment or complete text of codes, policies and design standards. Submitting the items summarized by the checklist does not insure project approval. Additional site-specific information may be required.

Project Name _____

Project Number _____

Cover Sheet

Legend

- _____ 100-year Floodplain Limits for Regulatory Flows
- _____ Erosion Hazard Setbacks for Regulatory Flows
- _____ 404 Limits
- _____ FEMA limits

Site Plan

- _____ Easements labeled as private
- _____ Public easements require management approval
- _____ Drainage easements shown/ labeled
- _____ Standard Details Called Out
- _____ Matches Drainage Report, if not need addendum
- _____ Curb Openings/Scuppers Q100's, locations
- _____ Channels dimensions, construction, grades
- _____ Culverts material, size, grades, headwall, slope protection, inlets, outlets, headwater, design Q
- _____ Storm Drains material, size, grades, manholes, rim elevations, inlets, design Q, outlets
- _____ Basins
 - _____ Inlet Structures with elevations
 - _____ Outlet Structures with elevations: invert, weir
 - _____ Outlet Protection
 - _____ Side Slopes
 - _____ Setbacks from structures/property lines
 - _____ Bottom 0.5% slope min. if detention only, flat if retention
 - _____ Security Barrier (min. 42") for side slopes steeper than 4:1 and 100-year depth greater than 2 feet
 - _____ Maintenance access
- _____ Topography, consistent with available topo
- _____ Spot elevations, FG, relation to WSEL's
- _____ Grade contours, grading limits
- _____ High points sufficient to support drainage scheme
- _____ Low points at drainage structures, do not create ponding
- _____ Positive drainage away from structures
- _____ Floodplain Limits for regulatory flows
- _____ 100-year WSE for regulatory flows, maximum distance of 200 feet apart (if FEMA, show FIRM data), RFE's for structures OK

Site Plan, continued

- _____ EHS for regulatory flows
- _____ Q100 and drainage areas entering the site
- _____ Q100 at all drainage structures and points of exit
- _____ Erosion protection location and dimensions
- _____ Drainage scheme with flow arrows,% slope
- _____ Q100's in streets
- _____ Headers, cutoff walls at pavement edge if needed
- _____ Basins labeled as private
- _____ Detention Basin descriptor: Q100 in and out, Detention/ Retention Volume, 100-year WSE, top and bottom elevation
- _____ Basin Setbacks (DSSDR); delineated if needed
- _____ Retention Basin volume, depth, Q100 in and out
- _____ Multi-use basins: sign(s), service equipment elevated
- _____ Drainage grading compatible with adjacent grade
- _____ Site-specific requirements:

Detail Sheets

- _____ Channel sections: Q100, depth, freeboard, slope, N-value, velocity
- _____ Outlet protection matching supporting calculations
- _____ PAAL/street cross-sections: dimensions, curb height, Q100, slope
- _____ Detention Basin cross-sections: dimensions, top/bottom elevation, 100-Year WSE
- _____ Basin inlet/outlet structures
- _____ Bank protection, erosion protection and toe down details

Landscape Plan

- _____ No obstructions or conflicts with inlets and outlets
- _____ No decomposed granite in retention
- _____ Consistent with site plan