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, Outlets
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 Basin volume, depth, Q100 in and out
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

Updated August 13, 2021