PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT
TENTATIVE PLAT REVIEW CHECKLIST

Project Name _____ Project Number _____

Cover Sheet

Legend (Line types)
_____ 100-year Floodplain Limits
_____ Erosion Hazard Setbacks
_____ 404 Limits
_____ FEMA limits
_____ Drainage Easements

Detail Sheets

_____ Channel sections; flow rates, depth, freeboard, slope, N-value, velocity, side slope
_____ Outlet protection
_____ PAAL/street cross-sections; dimensions, curb height, Q100, slope, cross slope
_____ Basin cross-sections; dimensions, top/bottom elevation, WSE, side slope, weir elevation
_____ Basin outlet structures with positive drainage for retention volumes
_____ Channel cross-sections for regulatory flows
_____ Bank protection, erosion protection and toe down details

Plat Sheets- On-Site & Within 100' of Site Boundary

_____ Topography
_____ Spot elevations, FFE, FG
_____ Floodplain limits for regulatory flows
_____ WSE for regulatory flows, maximum distance of 200 feet apart (if FEMA, accept FIRM data)
_____ EHS for regulatory flows
_____ Regulatory flow rates and drainage areas entering, exiting the site and @ all drainage structures
_____ Erosion protection, if needed, for regulatory flows
_____ Drainage scheme with flow arrows / % slope
_____ Q100 within Street(s)
_____ Existing drainage easements_____ Proposed drainage easements and/or encumbrances

Curb Openings/Scuppers
_____ Q100 Shown
_____ Standard detail called out

**C**hannels
_____ Type of Lining; earthen, RR, soil cement, concrete
_____ Dimensions
_____ Slope; side, longitudinal

Culverts
_____ Pipe; Material, Size, Inverts, Length
_____ Slope
_____ Headwall
_____ Design Discharge
_____ Outlet Protection
_____ Headwater

Storm Drains
_____ Pipe; Material, Size, Invert, Lengths
_____ Slope
_____ Manholes / Rim Elevations
_____ Catch Basins (Standard Detail)
_____ Grate Inlets
_____ Design Discharge
_____ Outlet Protection

Basins
_____ Inlet Structures with elevations
_____ Outlet Structures with elevations; invert, weir
_____ Outlet Protection
_____ Embankment Conditions / Slope
_____ Descriptor Box
  ____ Ret / Det Volume
  ____ Top / bottom elevation
  ____ 100-year Water Surface Elevation
  ____ Q100 in / Q100 out
_____ Setbacks?
_____ 0.5% slope / min. 12" low flow pipe/ 6" orifice plate
_____ Security Barrier (min. 42")
_____ Maintenance access
_____ Labeled as Private

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