PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT
DEVELOPMENT PLAN REVIEW CHECKLIST

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 Division Manager
_____ Drainage easements shown/ labeled
_____ Matches Utility/Hydrology
_____ Existing Conditions/Infrastructure

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 with positive drainage for retention volumes
_____ Bank protection, erosion protection and toe down details

Utility/Hydrology Sheet Plan View

_____ Topography
_____ Spot elevations, FFE, FG
_____ Conceptual grade contours
_____ Floodplain Limits for regulatory flows
_____ 100-year WSE for regulatory flows, maximum distance of 200 feet apart (if FEMA, show FIRM data)
_____ 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

Channels

_____ Construction:  e.g., earthen, RR, soil cement, concrete
_____ Dimensions
_____ Slope: side and longitudinal

Culverts

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

Storm Drains

_____ Pipe Material, Size, Inverts, 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
_____ Side Slopes
_____ Embankment Conditions, if applicable
_____ Descriptor Box
_____ Ret / Det Volume
_____ Top / bottom elevation
_____ 100-year Water Surface Elevation
_____ 100-year ponding depth
_____ Q100 in / Q100 out
_____ Setbacks from structures/property lines
_____ 0.5% slope / min. 12” low flow pipe/ 6” orifice plate
_____ Security Barrier (min. 42”) for side slopes steeper than 4:1 and 100-year depth greater than 2 feet
_____ Maintenance access
_____ Labeled as Private
_____ Multi-use basins: sign(s), service equipment elevated

Curb Openings / Scuppers

_____ Q100 Shown
_____ Standard detail called out

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