

## **Grading and Drainage**

Residential Single Lot **Record Drawing Checklist** 

KIVA #:		Project Name:	
Revi	ewed By:	Phone:	Date:
The	purpose of this checkl	ist is to offer comments on record drawings	for residential grading and drainage plans.
amoi	ng reviewers on recor	nimize redline comments on record drawing d drawing submittal requirements. Plan app nents made on the plans and this checklist.	g submittals and to maintain consistency proval and civil permit closeout depends on
		t and the check prints with your next subminestions about this checklist to the reviewer li	ttal. Please direct any discussions of redline isted above.
The	following symbols are	e used to identify changes needed to the pla	ans. 🗌 REQUIRED <u>General Requirements</u>
		on shall be completed on the most current wer initials for the specific work permitted.	set of city-approved and stamped plans with
	annotation. These it	ines on a white background, having dark, c tems must be sufficiently bold and size, and ead. No shading or tinting is acceptable.	
	must be reviewed ar structure constructed	by Management Agency (FEMA) Elevation and approved by Floodplain Management for din a Special Flood Hazard Area (SFHA) por certificate must be submitted to the Gener	r each new and substantial improvement rior to issuing a Certificate of Occupancy. A
		e height for all record drawing lettering is 1/5 sioning, stationing, size, material, slope, an	
	All items, changed or unchanged, must have a bold ( <b>AB</b> ) lettered next to them. Required, minor as-built changes to the approved plans must be shown clearly by boldly striking through the item changed and placing the as-built information next to or as near as possible to it. All as-built annotation changes must be larger and bolder than the original and free from background obscuring.		
	Benchmark(s) location are acceptable.	on(s) and elevation(s) must be shown on th	ne cover sheet. Only city datum elevations
		st show the name, address, and phone nun vith the following statement (indicate which	nber of the engineer or surveyor that certifies phase, if applicable):
	"I hereby certify this of my knowledge an		vision or as noted and is correct to the best
	Registered Profession	onal Engineer (Civil) or Land Surveyor	Reg. No. Date
	Each additional plan	sheet must contain the signature and seal	
			Page 1 of 2

For more information or for a copy of this publication in an alternate format, contact Planning & Development at (602) 262-7811 voice / (602) 534-5500 TTY.

## City of Phoenix Planning & Development Department Grading and Drainage, Residential Record Drawing Checklist - Page 2 of 2

Grading and Drainage Record Drawing Requirements				
	As-built top and bottom elevation and volume provided of all retention basins.			
	As-built flow line elevations in swales, valley gutters and curb openings.			
	As-built enough spot elevations to verify the design intentions are met (i.e. grade breaks, high/low points/scuppers, extreme storm outfall, etc.).			
	As-built flow line elevations and/or size, length, slope, and inverts of pipe, grate elevations for catch basins underground retention storage tanks, and all other drainage structures.			
	As-built length, top of retaining wall, and top of footing for each section of retaining wall at each step.			
	As-built weep holes in fence blocks. If fence blocks are called out to be turned sideways to allow flow through the fence, as-built the elevations of the fence blocks.			
	As-built pad or finish floor elevation. Elevations shall not exceed +/- 0.2' of design elevations. If in a flood plain or adjacent to a wash or channel, plus 0.1 feet, but not lower than design. Maximum driveway slopes are required to be in accordance with City Supplemental Detail P-1164.			