



Planning & Development
Department
Drainage Clearance Review Requirements
Single Family Residence



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Planning & Development Department



DRAINAGE REVIEW

LIST OF TOP 10 QUESTIONS ASKED REGARDING PLAN SUBMITTALS

1. What needs to be shown on the plans?

Review the attached requirements for the specific project.

2. Where do I obtain a building permit or submit my plans?

The Planning and Development Department issues building permits at 501 N. 44th Street, Suite 200, Phoenix, 85008. You may submit plans at this location.

3. When do I call for a stem inspection?

Prior to pouring the stem walls. Have the contractor set up the height of the stemwalls for our inspector's visit. Call our inspection line at (602) 506-3692. Inspections for the next day need to be called in prior to 2:30 p.m. (This is an automated system).

4. When do I call for a final inspection?

After everything has been completed, all the concrete has been poured, all trenches have been filled, stockpiles/berms removed, and the site has been rough graded.

5. Do I need a site inspection?

Whether a site inspection is needed or not depends on the location of the site and the potential drainage and flooding hazard for the site. County reviewers will determine if a site inspection is needed at the time of the plan submittal.

6. Am I in a floodplain?

Check the Federal Emergency Management Agency's Flood Insurance Maps or if the property is located in the Unincorporated Areas of Maricopa County you can call the Flood Control District's Floodplain Division at (602) 506-2939 and ask for floodplain determination. Prior to calling, make sure you have the Tax Assessor Number.

7. What will the fees be?

Fees will be determined by County Plan Reviewers at the time of the submittal in conformance with the adopted fee schedules.

8. Do I need an engineer to prepare my plans?

Refer to the Grading Matrix Tool to help determine if a Civil Engineer is needed for a residential project. This tool is provided to help to determine when engineered plans may be required. <http://www.maricopa.gov/planning/OnlineServices/GradingAndDrainagePlan.aspx>.

9. How far away from the wash does my non-habitable structure need to be?

The location on the structure in proximity to a wash is dependent on the size of the wash, the amount of flow the wash carries, and if any bank stabilization is required. County Plan Reviewers will determine if a location is acceptable during the plan review process. In general, stay away from all major washes. A good rule for proposed structures within twenty feet of minor washes, would be to provide bank protection and set the footers 3 feet below the bottom elevation of the wash. For larger washes, a civil engineer will need to determine appropriate erosion control.



REQUIREMENTS FOR FINISHED FLOORS AND GRADING ON SITE

Finished Floor Elevation:

Finished floors shall be elevated a minimum of one foot above the high point of the building site, unless the site is within a flood hazard area. In some hillside locations or alluvial flooding areas, the finished floor elevation may be required to be a minimum of 18 inches or two feet above the high point of the building site. A finished floor elevation may be other than the minimum permitted, provided it is determined by technical data and certified by an Arizona Registered Engineer to be safe from inundation by the 100-year peak runoff event. Finished floor elevations shall be referenced to a known benchmark.

Building Site:

The area extending laterally a minimum distance of 10 feet beyond the foundation or support of a building.

The High Point of the Building Site:

The finished floor must be elevated a minimum of 12 inches above the highest point of the natural grade within the building site, unless certified by a civil engineer for a lower elevation.

Temporary Bench Mark (TBM):

A TBM is a reference point established for use by an inspector during stem/finished floor elevation inspections that is referenced to a datum elevation or a certified Bench Mark (BM) on-site with a known elevation. Sites using the high point of natural grade in the building site to establish finish floor elevation must reference that point. Site TBMs must not be located in streets and should be located within a reasonable distance of the proposed structure.

Grading On Site:

Grading on a site, unless otherwise stated and approved, shall be limited to the boundaries of the building site for the purpose of building a pad or clearing. This does not include excavating the building site or doing extensive fill.

Any excavation or fill outside the limits of the building site, or any extensive fill or excavation of the building site shall require a submittal of engineered grading and drainage plans. This plan must be approved and a description of the proposed work included on the Drainage Clearance. The grading and drainage plan must include existing and proposed contours and spot elevations, and show the drainage methods proposed.

Engineered Grading and Drainage plans may be required on any site work.



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ENGINEERED PLAN SUBMITTAL CHECKLIST SINGLE FAMILY RESIDENCE

Please check your plan against the listed items for compliance. The following checklist should be used as a guideline. Additional data may be required based upon complexity of the design and location. Submit the checklist with your revised grading and drainage plan.

Applicant **GRADING & DRAINAGE PLAN**

Check

- 1. TITLE BLOCK WITH PROJECT NAME, PLAN TYPE, AND SITE ADDRESS.
- 2. A METES AND BOUNDS LEGAL DESCRIPTION OF THE SITE WITH LOT LINES ANNOTATED.
- 3. ASSESSOR'S PARCEL NUMBER (APN), SITE GROSS AND NET AREA, TOTAL DISTURBED AREA, AND ZONING.
- 4. A SITE LOCATION MAP WITH NORTH ARROW, INDICATING THE SITE LOCATION IN RELATION TO THE NEAREST CROSS STREETS.
- 5. THE OWNER/APPLICANT NAME, ADDRESS, PHONE NUMBER, AND EMAIL ADDRESS.
- 6. THE ENGINEER'S NAME, ADDRESS, PHONE NUMBER, AND E-MAIL ADDRESS.
- 7. FEMA FLOOD INSURANCE RATE MAP (FIRM) INFO.
- 8. AN ONSITE TEMPORARY BENCH MARK (TBM) REFERENCED TO NAVD 88 OR NGVD 29 DATUM.
- 9. A PLAN LEGEND IDENTIFYING LINETYPES, SYMBOLS, AND ABBREVIATIONS USED ON PLAN.
- 10. SITE MAP WITH SHEET INDEX AND DESCRIPTION (COVER, SECTION, G&D, PROFILE, ETC)
- 11. MARICOPA COUNTY P&D RESIDENTIAL GENERAL NOTES AND CONDITIONS.
- 12. A CURRENT TOPOGRAPHIC SURVEY OF THE PROPERTY, ACCURATELY DEPICTING EXISTING SITE CONDITIONS AND TOPOGRAPHY, WITH ANNOTATION FOR MAJOR CONTOURS AT A MINIMUM.
- 13. THE DATE OF THE FIELD SURVEY ON WHICH THE PLANS ARE BASED.
- 14. LABEL USE OF ADJACENT PARCELS ON ALL SIDES WITH APN# - VACANT, RESIDENTIAL, ETC.
- 15. DISTANCE TO SHARED WELL.
- 16. DEDICATED STREET ACCESS INCLUDING STREET NAME AND RIGHT-OF-WAY DIMENSIONS.
- 17. NORTH ARROW.
- 18. PLAN SCALE WITH A GRAPHIC SCALE BAR. PLANS MUST BE DRAWN/ PLOTTED TO SCALE, AND BASED ON A STANDARD ENGINEERING SCALE (1 INCH EQUAL TO 10, 20, 30, or 40 FEET). MAX 40 SCALE TO BE USED ON ALL CONSTRUCTION PLANS, UNLESS OTHERWISE APPROVED BY COUNTY STAFF.
- 19. STATEMENT IDENTIFYING ALL SPECIFIC MANUALS AND STANDARDS WITH EDITION DATE TO BE USED FOR THE PLAN (I.E., MAG STANDARD DETAILS, 2012 EDITION)
- 20. THE SIZE OF LETTERING AND SYMBOLS SHALL BE A ONE-TENTH (1/10) OF AN INCH MINIMUM. PLANS SHALL BE SUFFICIENTLY CLEAR TO ALLOW LEGIBLE REPRODUCTION.
- 21. THE MAXIMUM PLAN SHEET SIZE SHALL BE 24X36".
- 22. LOCATION(S) OF DRAINAGE TRACTS, EASEMENTS (DRAINAGE AND PUBLIC UTILITY EASEMENTS), AND FLOODPLAIN LIMITS WITH FLOODPLAIN DESIGNATION.
- 23. FINISHED FLOOR ELEVATION(S).
- 24. FINISHED GRADE ELEVATIONS AT THE CORNERS OF THE BUILDING(S) AND ALL ENTRY POINTS.
- 25. EXISTING AND PROPOSED CONTOUR LINES, DRAINAGE PATTERNS, FLOW DIRECTION ARROWS, AND GRADE BREAKS. EXISTING CONTOUR LINES SHALL BE REPRESENTED BY DASHED LINES AND PROPOSED CONTOURS MUST BE REPRESENTED BY BOLDER, SOLID LINES.



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ENGINEERED PLAN SUBMITTAL CHECKLIST SINGLE FAMILY RESIDENCE

- 26. FINISHED GRADE ELEVATION OF ALL GRADE BREAKS.
- 27. LOCATION AND LIMITS OF INUNDATION OF ALL WASHES, CHANNELS, AND SWALES ENTERING AND EXITING THE SITE, AND ASSOCIATED Q100 PEAK FLOW RATES.
- 28. TYPICAL SECTIONS OF NEW DRAINAGE IMPROVEMENTS (CHANNELS, SWALES, BASINS, ETC.) WITH PROPOSED CROSS SLOPES AND SECTION DIMENSIONS.
- 29. RETENTION BASIN LOCATION(S), WITH BASIN ID, SIDE SLOPE GRADE, BASIN HIGHWATER ELEVATION (HW), BASIN BOTTOM ELEVATION (BTM), BASIN PONDING DEPTH (D), VOLUME REQUIRED (V_r) AND VOLUME PROVIDED (V_p).
- 30. CROSS SECTIONAL (PROFILE) VIEWS OF NEW CULVERT, STORM DRAIN SYSTEMS, INDICATING HEADWATER ELEVATION(S) AND INLET/OUTLET PROTECTION DETAILS WHERE APPLICABLE.
- 31. PERPENDICULAR CROSS SECTIONS THROUGH THE SITE AND AT ALL PROPERTY BOUNDARIES DEMONSTRATING BOUNDARY CONDITIONS. THE CROSS SECTIONS SHALL ENCOMPASS THE AREA OF NEW DEVELOPMENT ON THE SITE. THE CROSS SECTIONS SHALL BE DRAWN TO SCALE (VERTICAL 10X THE HORIZONTAL SCALE) AND SHOW EXISTING AND PROPOSED GRADE ELEVATIONS. PROVIDE HORIZONTAL AND VERTICAL STATIONING WITH A SCREENED-BACK GRID IN THE SECTIONS FOR CLEAR DEMONSTRATION OF ELEVATION.
- 32. SITE INGRESS/EGRESS LOCATION(S) WITH DRIVEWAY MATERIAL NOTED (CONCRETE, ASPHALT, ABC, ETC.).
- 33. FENCE LOCATIONS AND DETAILS SHALL INCLUDE ELEVATION AND SECTION VIEWS AND INDICATE REQUIRED DRAINAGE OPENINGS. FOR MASONRY SCREEN WALLS, THE STANDARD DRAINAGE REQUIREMENT IS TO PROVIDE A TURNED CMU BLOCK AT GRADE, EVERY OTHER BLOCK, AND A STATEMENT PROHIBITING THE USE OF DECORATIVE BLOCKS FOR DRAINAGE OPENINGS.
- 34. RETAINING WALL DETAILS, WITH PLAN VIEW WALL CALLOUTS FOR TOP OF RETAINING WALL (TRW), FINISH GRADE (FG) AND TOP OF FOOTING (TF) AT ALL ELEVATION CHANGES ALONG ENTIRE SPAN OF WALL. WALL PROFILE MAY BE REQUIRED BASED ON SITE CONDITIONS.
- 35. LOCATION OF THE SEPTIC TANK AND LEACH FIELD WITH SETBACK TO NEARBY BUILDINGS.
- 36. ARIZONA REGISTERED PROFESSIONAL CIVIL ENGINEER SIGNATURE, SEAL, AND DATE ON ALL PLAN SHEETS. THE ENGINEER SHALL HAND WRITE THE "DATE SIGNED" AREA WITHIN THE PE SEAL. ELECTRONIC SIGNATURES ARE REQUIRED TO MEET ARS 41-132 REQUIREMENTS. COPIES OF THE ELECTRONIC FILES ARE REQUIRED TO BE SUBMITTED FOR VERIFICATION OF THE ELECTRONIC SIGNATURE WITHIN THE FILE.
- 37. SITE ULTIMATE OUTFALL LOCATION AND ELEVATION.
- 38. FINISHED FLOOR ELEVATION & STATEMENT AS FOLLOWS:

FINISH FLOOR CERTIFICATION

FINISHED FLOORS ARE SAFE FROM INUNDATION DURING A 100-YEAR PEAK RUN-OFF EVENT IF CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS.



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ENGINEERED PLAN SUBMITTAL CHECKLIST SINGLE FAMILY RESIDENCE

39. THE DECLARATION OF RESPONSIBLE CHARGE AS FOLLOWS:

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION R4-30-301 OF THE RULES OF THE ARIZONA STATE BOARD OF TECHNICAL REGISTRATION, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE REVIEW OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY MARICOPA COUNTY IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

DRAINAGE REPORT (IF REQUIRED)

- 1. DRAINAGE REPORT SIGNED, SEALED, AND DATED BY AN ARIZONA LICENSED CIVIL ENGINEER.
- 2. DRAINAGE REPORT PREPARED IN ACCORDANCE WITH MARICOPA COUNTY DRAINAGE POLICIES AND STANDARDS STANDARD 6.13 AND/OR 6.14 AS APPROPRIATE.
- 3. SCALED DRAINAGE AREA MAP INDICATING OFFSITE FLOW AREA(S) TO THE SITE.
- 4. HYDROLOGIC ANALYSIS OF THE OFFSITE WATERSHED THAT DRAINS TO THE SITE.
- 5. ANALYSIS SUBSTANTIATING THE DESIGN OF ANY NEW CULVERTS(S) AND THEIR ON/OFFSITE EFFECTS.
- 6. ANALYSIS OF CHANNELS/WASHES SUBSTANTIATING THEIR HYDRAULIC CAPACITY AND STABILIZATION.
- 7. CALCULATIONS SUBSTANTIATING THE DESIGN/SIZING OF ALL RIP RAP OR OTHER STABILIZATION MEASURES.
- 8. SCOUR DEPTH AND EROSION SETBACK REQUIREMENTS (SSA 5-96 & SSA 7-98)
- 9. DIGITAL COPIES OF ALL ELECTRONIC CALCULATIONS, INCLUDING SPREADSHEETS, AND EXECUTABLE COPIES OF HEC-1 (HEC-HMS) AND HEC-RAS MODELS.
- 10. A STATEMENT INDICATING THAT THE DRAINAGE REPORT HAS BEEN PREPARED IN ACCORDANCE WITH THE CURRENT VERSIONS OF THE MARICOPA COUNTY DRAINAGE POLICIES AND STANDARDS, DRAINAGE DESIGN MANUALS FOR MARICOPA COUNTY, VOLUME 1 – HYDROLOGY AND VOLUME 2 – HYDRAULICS AND SECTION 1205 OF THE MARICOPA COUNTY ZONING ORDINANCE.



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ENGINEERED PLAN SUBMITTAL CHECKLIST SINGLE FAMILY RESIDENCE

ON-LOT RETENTION INFORMATION (IF REQUIRED PLAN OR REPORT)

- 1. RETENTION BASIN LOCATION(S), WITH BASIN ID, SIDE SLOPE GRADE, BASIN HIGHWATER ELEVATION (HW), BASIN BOTTOM ELEVATION (BTM), BASIN PONDING DEPTH (D), VOLUME REQUIRED (Vr), AND VOLUME PROVIDED (Vp).
- 2. RETENTION BASIN DRAIN-DOWN TIME CALCULATIONS.

SITE PLAN INFORMATION (IF GRADING PLAN IS THE SITE PLAN)

- 1. BUILDING DIMENSIONS, ALL SIDES.
- 2. SET-BACKS TO ALL STRUCTURES & DISTANCE BETWEEN BUILDINGS.
- 3. BUILDING INTENDED USE, I.E. "RESIDENCE", "BARN", "FENCES", "DETACHED GARAGE", "STORAGE SHED," ETC.
- 4. INDICATE BUILDING AREAS IN SQUARE FEET. PROVIDE A SUMMARY OF ALL LIVABLE AREAS, PATIOS, PORCHES, AND GARAGE OR CARPORT INCLUDING DETACHED STRUCTURES. (EXISTING, NEW AND TOTAL LOT COVERAGE AND SQUARE FOOTAGE).



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RESIDENTIAL GENERAL NOTES AND CONDITIONS

THE FOLLOWING NOTES SHALL APPEAR ON THE COVER SHEET OF

ALL RESIDENTIAL PROJECTS

IN UNINCORPORATED MARICOPA COUNTY.

TEXT SHALL NOT BE MODIFIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE APPLICABLE COUNTY DEPARTMENT.

MARICOPA COUNTY P&D RESIDENTIAL GENERAL NOTES AND CONDITIONS

1. REFERENCE MARICOPA COUNTY PERMIT AND ADDENDUMS FOR ADDITIONAL CONDITIONS.
2. HISTORIC DRAINAGE PATTERNS SHALL BE MAINTAINED AS SHOWN ON THE APPROVED PLANS.
3. ANY WORK PERFORMED WITHOUT APPROVAL OF THE APPLICABLE COUNTY DEPARTMENT OR AFFECTED UTILITY COMPANY AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE OWNER'S EXPENSE.
4. THE ISSUANCE OF ANY CONSTRUCTION PERMIT SHALL NOT RELIEVE THE OWNER OR OWNER'S AGENT FROM COMPLIANCE WITH ALL OTHER GOVERNMENTAL REGULATIONS INCLUDING BUT NOT LIMITED TO ZONING & BUILDING REQUIREMENTS.
5. CONTACT MARICOPA COUNTY TO SCHEDULE AN IN-PROGRESS INSPECTION FOR ALL HEADWALLS, CUT OFF WALLS, AND WEIRS AFTER EXCAVATION AND FORM PLACEMENT, BUT PRIOR TO PLACEMENT OF ANY MATERIAL.
6. AS SPECIFIED IN THE PERMIT CONDITIONS, CONTACT MARICOPA COUNTY TO SCHEDULE AN IN-PROGRESS INSPECTION FOR ALL GABION MATTRESSES, RIP-RAP, FILTER FABRIC, AND/OR GRAVEL UNDERLAYMENT AFTER EXCAVATION BUT PRIOR TO PLACEMENT OF ANY MATERIAL.
7. AS SPECIFIED IN THE PERMIT CONDITIONS, CONTACT MARICOPA COUNTY TO SCHEDULE AN IN-PROGRESS INSPECTION FOR ALL RETAINING WALLS AFTER EXCAVATION AND FORM PLACEMENT, PRIOR TO PLACEMENT OF ANY MATERIAL.
8. ADDITIONAL INSPECTIONS AND/OR RE-INSPECTIONS SHALL BE ASSESSED ADDITIONAL FEES IN CONFORMANCE WITH ADOPTED FEE SCHEDULES.
9. RIP-RAP AREAS SHALL BE OVER-EXCAVATED SUCH THAT TOP OF RIP-RAP WILL MEET ADJACENT GRADE.
10. DRAINAGE OPENINGS IN CMU WALLS SHALL BE AS SHOWN ON THE APPROVED PLANS OR NON-DECORATIVE TURNED BLOCK, EVERY OTHER BLOCK AT GRADE. IF TWO BLOCKS NEXT TO EACH OTHER ARE NOT TURNED, TWO TURNED BLOCKS NEXT TO EACH OTHER SHALL THEN FOLLOW.
11. SHOULD ANY PROPOSED DEVELOPMENT REQUIRE CLARIFICATION AS DETERMINED BY MARICOPA COUNTY, A PLAN ADDENDUM SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER SHALL BE SUBMITTED FOR APPROVAL. SUBMITTAL OF AN ADDENDUM MAY REQUIRE FORMAL PLAN MODIFICATION AS DEEMED BY MARICOPA COUNTY.
12. ALL CONSTRUCTION FILL SHALL MEET OR EXCEED MAG SPECIFICATION 211.
13. ALL CONSTRUCTION SHALL MEET OR EXCEED CURRENT MAG SPECIFICATIONS AND STANDARDS.
14. AN APPROVED SET OF PLANS SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES PERMIT IS ACTIVE.
15. OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD AND RESOLVED WITH MARICOPA COUNTY PRIOR TO PROCEEDING WITH THE WORK.
16. CONTACT BLUE STAKE AT 602-263-1100 A MINIMUM OF 2-DAYS PRIOR TO CONSTRUCTION.



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SPECIAL RESIDENTIAL NOTES

THE FOLLOWING NOTES SHALL APPEAR ON THE COVER SHEET OF RELEVANT RESIDENTIAL PROJECTS ONLY

IN UNINCORPORATED MARICOPA COUNTY.

TEXT SHALL NOT BE MODIFIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE APPLICABLE
COUNTY DEPARTMENT.

MARICOPA COUNTY P&D SPECIAL RESIDENTIAL NOTES

1. RETENTION BASINS

AFTER CONSTRUCTION AND PRIOR TO FINAL DRAINAGE CLEARANCE EACH RETENTION BASIN WITH DEPTHS GREATER THAN 1-FOOT OR AS DETERMINED BY MARICOPA COUNTY SHALL BE TESTED PER THE DRAINAGE POLICIES AND STANDARDS FOR MARICOPA COUNTY STANDARD 6.10.12. THE TEST RESULTS, BORING LOGS, AND REVISED DRAIN-DOWN TIME CALCULATIONS DEMONSTRATING THAT ALL RETENTION BASINS DRAIN WITHIN 36-HOURS, SEALED BY AN ARIZONA REGISTERED PROFESSIONAL ENGINEER, SHALL BE SUBMITTED FOR APPROVAL WITH THE AS-BUILT PLAN DOCUMENTATION. TEST RESULTS OBTAINED IN DESIGN PHASE ARE ACCEPTABLE.

2. FINISHED FLOOR INSPECTION

CONTACT MARICOPA COUNTY TO SCHEDULE A FINISHED FLOOR INSPECTION AFTER EXCAVATION, PLACEMENT OF SUBGRADE AND FORM WORK, BUT PRIOR TO PLACEMENT OF CONCRETE OR OTHER FINISHED FLOOR MATERIAL.

3. DRYWELLS

ALL DRYWELL PERCOLATION RATES SHALL BE DE-RATED IN ACCORDANCE WITH MARICOPA COUNTY STANDARD 6.10.13. THE DRYWELL TEST RESULTS, BORING LOGS, PROOF OF DRYWELL REGISTRATION, AND REVISED DRAIN-DOWN TIME CALCULATIONS DEMONSTRATING THAT ALL RETENTION BASINS DRAIN WITHIN 36-HOURS, SEALED BY AN ARIZONA REGISTERED PROFESSIONAL ENGINEER, SHALL BE SUBMITTED FOR APPROVAL WITH THE AS-BUILT PLAN DOCUMENTATION.

4. THIRD PARTY INSPECTIONS

THE NAME AND QUALIFICATIONS OF THE 3RD PARTY INSPECTOR SHALL BE SUBMITTED FOR APPROVAL TO MARICOPA COUNTY FOR APPROVAL PRIOR TO START OF WORK ON IMPROVEMENTS REQUIRING 3RD PARTY INSPECTIONS AS SPECIFIED BY PERMIT CONDITIONS. 3RD PARTY INSPECTOR SHALL NOT BE THE OWNER, APPLICANT, ENGINEER, OR CONTRACTOR UNLESS APPROVED BY MARICOPA COUNTY. WEEKLY REPORTS SHALL BE SUBMITTED TO THE COUNTY AS AN ADDENDUM SEALED BY AN ARIZONA REGISTERED PROFESSIONAL ENGINEER, DOCUMENTING PROGRESS, COMPACTION, MATERIAL TESTING, AND OVERALL PLAN COMPLIANCE. FINAL DRAINAGE INSPECTION SHALL NOT BE SCHEDULED UNTIL 3RD PARTY INSPECTIONS HAVE BEEN COMPLETED AND CERTIFIED.

5. RENO/GABION MATTRESS SLOPE STABILIZATION

PROVIDE PROFESSIONAL 3RD PARTY INSPECTION SERVICES FOR THE PLACEMENT, ANCHORING, AND OVERALL CONSTRUCTION OF THE RENO/GABION MATTRESS SLOPE STABILIZATION. NOTE—ROCK FILL SHALL BE COMPLETELY RETAINED BY THE GABION/RENO MATTRESS WIRE MESH.

6. AS-BUILT REQUIREMENT

CERTIFIED AS-BUILTS IN CONFORMANCE WITH MARICOPA COUNTY AS-BUILT SUBMITTAL REQUIREMENTS SHALL BE SUBMITTED FOR APPROVAL TO MARICOPA COUNTY PRIOR TO FINAL DRAINAGE CLEARANCE.

DRAINAGE REGULATIONS FOR MARICOPA COUNTY

Chapter 16 – Fee Schedule

SECTION 1605. RESIDENTIAL SITE/DRAINAGE PLANS	
Subdivision lots, Custom lots, Rural Single Family	
Approved by Administrative Review	\$60
Approved by Site Inspection	+\$150
With an In-Progress Inspection Required	+\$150
With Final Inspection Required	+\$150
Maximum Total	\$510
Approved by Engineering Review	\$360
With Pre-Issuance Site Inspection (Required)	\$150
Minimum Total	\$510
With Drainage Report Required for Engineering Review	+\$240
With an In-Progress Inspection Required	+\$150
With Final Inspection Required	+\$150
Maximum Total	\$1050
Failed Inspection for Residential Permits	\$150
Additional and Concurrent Permits for Engineering Review	+ \$30 ea
In-Progress Inspection Required for Additional and Concurrent Permits	+\$150
Multi-Parcel Projects	+ \$150/ parcel
Modification to Issued Permits	\$250
Modification to Issued Permits on Multi-Parcel Projects	+ \$75/ parcel
1606. NEW SFR IN APPROVED SUBDIVISION – EXPEDITED PROCESS	
Lots Approved for Expedited Permit Process with Certified Pad Elevation	\$60
Final Inspection Required	+\$150
1607. Other Fees	
Drainage Review Board Cases (Variances and Appeals)	
Commercial and Subdivision	\$1,000
All Other Sites	\$250
Board of Adjustment	\$100

DRAINAGE REGULATIONS FOR MARICOPA COUNTY

Chapter 16 – Fee Schedule

Special Inspections - Consultations with County Staff (On-site or at County Offices)	
SFR	\$150
Commercial	\$300
Complex Projects	\$350
Work begun or completed without a permit	
Residential (violation case opened before permit initialization)	\$500
Residential (voluntary compliance without a violation case opened)	\$250
Commercial including subdivisions (with or without open violation case opened)	Fees Doubled
Pre-Application review and meetings	
	\$150

¹ COMMERCIAL & INDUSTRIAL SITES AND USES, MULTI-FAMILY RESIDENTIAL, SUBDIVISION INFRASTRUCTURE, SCHOOLS, GOLF COURSES AND OTHER RECREATIONAL FACILITIES, NON-EXEMPTED MUNICIPAL, SPECIAL DISTRICTS, CHURCHES, AND ALL OTHER PRECISE PLANS

² SITES MUST HAVE AN ESTABLISHED PRIMARY USE, BE DEVELOPED IN SUBSTANTIAL CONFORMANCE WITH THE DRAINAGE REGULATIONS, AND THE CONSTRUCTION ACTIVITY MUST DISTURB LESS THAN ONE ACRE. MINOR ACCESSORY CONSTRUCTION INCLUDES, BUT IS NOT LIMITED TO, SIGNS, ADA ACCESSIBILITY RAMPS, PROPANE TANKS, TRASH ENCLOSURES, NON-LIVABLE AND ACCESSORY BUILDINGS, AS DEFINED IN SECTION 301.

³ SITES MUST HAVE AN ESTABLISHED PRIMARY USE, BE DEVELOPED IN SUBSTANTIAL CONFORMANCE WITH THE DRAINAGE REGULATIONS, AND THE CONSTRUCTION ACTIVITY MUST DISTURB LESS THAN 5 ACRES.

Date of Revisions		
Δ 1	January 28, 2009	TA2008010
Δ 2	August 19, 2009	TA2008011