

When Recorded Return To:

City Clerk
City of Maricopa
39700 West Civic Center Plaza
Maricopa, Arizona 85138

MAINTENANCE AGREEMENT

THIS MAINTENANCE AGREEMENT (“Agreement”) is entered into this ____ day of _____, 2025, by the **City of Maricopa**, an Arizona municipal corporation (“City”) and **Forestar (USA) Real Estate Group, Inc.**, a Delaware corporation (“Owner”) and **Moonlight Homeowners Association, Inc.**, an Arizona nonprofit corporation (“Association”). The City, Owner and Association are each referred to herein individually as a “Party” and collectively as the “Parties.”

RECITALS

- A. Owner owns the real property legally described on Exhibit A attached, commonly referred hereto as Moonlight (the “Property”).
- B. Association is an Arizona nonprofit corporation established to manage, maintain and govern the Property.
- C. Portions of the Property are located within a currently-existing floodplain (the “Floodplain”) without the flood control solution referenced in Recital D below.
- D. Owner has designed, engineered and constructed a flood control solution that was approved for a Letter of Map Revision (“LOMR”) from the Federal Emergency Management Agency (“FEMA”) to remove the Property from the Floodplain. With the construction of the approved flood control solution, Owner has requested that FEMA issue the LOMR, which was approved on July 22, 2025, anticipated to be effective on or before December 8, 2025. The Flood Control Structures and channel maintenance areas are graphically depicted on Exhibit B & C attached hereto.
- E. Pursuant to 44 C.F.R. 65.10(d), in order to qualify for the issuance of a LOMR, Owner must provide evidence to FEMA that ultimate responsibility for maintenance of the Flood Control Structures is under the jurisdiction of a Federal or State agency, an agency created by Federal or State law, or an agency of a community participating in the National Flood Insurance Program (an “Agency”).
- F. The City qualifies as an Agency under the terms of 44 C.F.R. 65.10(d).
- G. The Flood Control Structures shall be owned and maintained by the Owner or the Association subject to Section 2(I) hereof. The primary obligation and responsibility for the inspection, maintenance, repair and insurance of the Flood Control Structures has been delegated to Owner or Association under this Agreement as required by the applicable provisions of 44 C.F.R. 65.10(d), as amended from time to time.

AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants, terms and conditions herein, the Parties agree as follows:

1. ACKNOWLEDGEMENT OF OWNER'S CONSIDERATION.

The City agrees that the Flood Control Structures and Owner's execution of this Agreement satisfies any stipulations within the land entitlement approvals for the Property, or portions thereof, and the City's duty to protect the general health, safety, and welfare of the public. City agrees not to impose any stipulations or other requirements relating to the Flood Control Structures or the removal of the Property from the Floodplain in connection with the entitlements for the Property, except as may be required by FEMA. Owner acknowledges that there are a number of approvals and permits that are required as part of the development of the Property (currently referred to as *Moonlight*) that allows the issuance of a building permit, which approvals are generally set forth on Exhibit D attached hereto. The Parties hereby acknowledge and agree that, with issuance of the LOMR, Owner has obtained all requisite approvals and permits.

2. FLOOD CONTROL STRUCTURES MAINTENANCE PLANS.

A. FEMA Approval of Flood Control Structures. Owner submitted the design of the Flood Control Structures to FEMA for review and approval of the construction of the Flood Control Structures and the issuance of a LOMR related thereto Exhibit B. As a qualified Agency under the terms of 44 C.F.R. 65.10(d) and based upon Owner's and/or Association's assurances that it will be primarily responsible for the required maintenance of the Flood Control Structures as required by the applicable provisions of 44 C.F.R. 65.10(d), as amended from time to time, the City agrees to execute the Operation and Maintenance Plan for the Flood Control Structures ("O&M Plan"), a copy of which is attached hereto as Exhibit E & F and has taken all steps reasonably necessary to cause FEMA to issue the LOMR for the Property in connection with the Flood Control Structures as soon as reasonably possible, and are included of the Property in the LOMR.

B. Costs of O&M Plan. Owner or Association, their successors and assigns, shall pay all costs for maintaining the Flood Control Structures in accordance with the O&M Plan and in compliance with all federal, state and local laws, regulations and ordinances, as amended from time to time. Owner or Association shall have the primary obligation and responsibility for inspecting, maintaining, repairing and insuring the Flood Control Structure until (i) the FEMA maps depicting the flow of water to the Property no longer show flows that require the Flood Control Structures to protect development on the Property from the 100-year flood and the City has received notice ("FEMA Notice") from FEMA of such a change; provided, that the FEMA Notice is not required to specifically refer to the Property nor the Flood Control Structures; or (ii) a termination occurring pursuant to Section 2(I) hereof

C. O&M Bond. Owner or Association shall obtain and maintain a operations & maintenance bond in the amount of Twenty-Five Thousand and No/100 Dollars (\$25,000.00) ("O&M Bond") securing its obligations under this Agreement. Owner's or Association's obligation to maintain the O&M Bond shall automatically terminate upon the City's receipt of the FEMA Notice or a termination occurring pursuant to Section 2(I) hereof. Upon such termination, the City agrees to promptly release the O&M Bond to Owner or Association. Not later than ninety (90) days prior to its expiration, the O&M Bond will need to be replaced with a bond of similar specifications. If the City draws from the O&M Bond pursuant to Section 2(H), Owner or Association shall take the steps necessary to maintain the O&M Bond at \$25,000.

D. Insurance. Owner or Association, their successors and assigns, shall obtain and maintain a general liability insurance policy with limits of at least \$1,000,000 per occurrence, with a least a \$5,000,000 excess insurance policy for bodily injury and property damage issued by a State of Arizona authorized insurance company. The policy term or any renewals thereof shall remain in effect for the term of this Agreement. Owner or Association shall maintain insurance which covers the Flood Control Structures

against flood damage and such other risks as may be included in the broadest form of extended coverage insurance as may, from time to time, be available in an amount sufficient to insure the fair replacement cost of the Flood Control Structures in the event of a major flood or other event causing total or substantial destruction of the Flood Control Structures. The City shall be named as an additional insured under the policy and proof of insurance shall be supplied to the City on an annual basis. The insurance policy shall provide that the City be given at least thirty (30) days advance written notice of any material changes, cancellation or non-renewal notification of any policy, and in the event of such material change, cancellation or non-renewal notification, Owner or Association shall immediately replace said policy with another policy to the satisfaction of the City with the receipt of a certificate of insurance for such policy by the City at least ten (10) days prior to the effective date of the material changes, cancellation or non-renewal of any policy. In the event that Owner or Association fails to maintain the requisite insurance, the City shall have the right to immediately secure a similar insurance policy in its name with the total cost of the premium and all monies that may become due during the term of this Agreement being charged to Owner or Association. Owner's or Association's obligation to maintain the insurance required under this Section shall automatically terminate upon the City's receipt of the FEMA Notice or a termination pursuant to Section 2(I) hereof.

Owner shall name Association and City as third party beneficiary and additional insureds under all insurance, indemnification or warranty received from contractors constructing the Flood Control Structures, including completed operations coverage.

E. Notwithstanding the termination of Owner's or Association's obligations under this Agreement upon the City's receipt of the FEMA Notice, Owner or Association shall continue to comply with all local rules and regulations regarding drainage requirements and, in the event Owner or Association desires to remove or modify the Flood Control Structures upon the City's receipt of the FEMA Notice, Owner or Association shall, at their sole cost and expense, provide the City with written certification from an Arizona licensed engineer stating that the removal or modification of the Flood Control Structures will not cause flooding or drainage issues for the surrounding properties.

F. Indemnity.

(i) Owner and Association shall indemnify, defend, and hold harmless the City, its officials and employees from any third party claims, demands, liabilities, losses or causes of action of any nature whatsoever arising out of the use, construction or maintenance of the Flood Control Structures or out of Owner's or Association's activities under this Agreement, including all other acts or omissions on the part of Owner or Association or any person acting for or on behalf of Owner or Association, and from against any orders, judgments or decrees which may be entered and from and against all costs, attorneys' fees, expenses and liabilities incurred in the defense of any such claims or in the investigation thereof.

(ii) The City shall indemnify, defend, and hold harmless Owner and Association, their officials and employees from any third party claims, demands, liabilities, losses or causes of action of any nature whatsoever arising out of the negligent acts or omissions of City personnel or its agents entering on to, in or around the Property and/or Flood Control Structures in connection with the City's inspection of the Flood Control Structures as provided for under this Agreement, including all other acts or omissions on the part of the City or any person acting for or on behalf of the City, and from against any orders, judgments or decrees which may be entered and from and against all costs, attorneys' fees, expenses and liabilities incurred in the defense of any such claims or in the investigation thereof. In no event shall the City have any obligations under this subsection for any claims, demands, liabilities, losses or causes of action arising out of the use, construction or maintenance of the Flood Control Structures other than as stated in the preceding sentence.

G. Access Easement. Owner or the Association grants to the City and its employees, consultants and contractors, a non-exclusive easement over, upon and under the portion of the Property

containing the Flood Control Structures for any and all purposes necessary for the City to inspect, maintain and restore the Flood Control Structures during the term of this Agreement. The access easement granted herein shall terminate when the FEMA maps depicting the flow of water to the Property no longer show flows that require the Flood Control Structures and City has received notice from FEMA of such a change.

H. In the event Owner or Association, their successors or assigns, fail to either inspect, maintain or restore the Flood Control Structure, or any part thereof, to a safe condition satisfactory to the City in conformance with the terms hereof, the City may elect to either perform such duties with personnel from the City or contract third parties to do so, the reasonable and documented costs of which shall be (i) drawn from the O&M Bond; or (ii) if the O&M Bond is insufficient to pay for the costs of such inspection, maintenance or restoration, charged to Owner, their successors or assigns. Failure of Owner to pay for such costs within thirty (30) days after receipt of written notice from the City outlining such costs, subject to applicable cure periods as provided in this Agreement, shall be considered a breach of this Agreement. In the event of a breach of this Agreement by Owner or Association as stated in the prior sentence, Owner or Association, their successors or assigns, shall pay the City's reasonable outside attorneys' fees and costs of collection arising in any action to recover costs for restoration of the Flood Control Structures or any part thereof.

I. Termination Upon Formation of Maintenance District or Completion of Regional Improvement. Some or all of the Flood Control Structures are intended to be part of a regional flood control project that may be maintained by a separate district or governmental entity. This Agreement shall terminate as to such Flood Control Structures upon such District or other governmental entity agreeing to become responsible for the maintenance of the Flood Control Structures and entering into a new maintenance agreement for the Flood Control Structures that will supersede and nullify this Agreement.

3. **ASSIGNMENT.** Except as herein specifically stated, the rights and obligations created herein run with ownership of the Property and/or portions thereof, and shall inure to the benefit of and be binding upon Owner and the Association, the City and their respective successors and assigns. Upon transfer of the Property or a portion thereof by Owner or the Association or subsequent owner, the new owner shall be deemed to have assumed the rights and responsibilities of Owner or Association hereunder for that portion of the Property that has been transferred. Upon such transfer, Owner or Association shall be automatically released from this Agreement for the portion of the Property that has been transferred provided that (i) the Flood Control Structures have been constructed and accepted by the Association; and (ii) the Association is no longer controlled by the Owner or other developer, meaning there is only one voting class which has elected the board of the Association, and the declarant and designated builders no longer have special rights to appoint or elect the board ("Turnover of Control of the Association"). In the event that such transfer occurs before the Flood Control Structures have been constructed and accepted by the Association and the Turnover of Control of the Association has occurred, Owner or Association shall only be released from this Agreement for the portion of the Property that has been transferred provided: (i) the Owner or Association or subsequent owner has given the City written notice of the assignment, which shall include the name, address and facsimile number, if available, of the new owner for notice purposes; and (ii) the new owner has agreed in writing to be subject to all of the applicable provisions of this Agreement. Owner and successor owners shall have no further obligations under this Agreement once the Flood Control Structures have been completed and accepted by the Association and Turnover of Control of the Association, other than the obligation to pay assessments as set forth in the Declaration of Covenants, Conditions and Restrictions recorded against the Property. The Association shall cause assessments to be made as needed to fund obligations of the Association under this Agreement.

4. **GENERAL PROVISIONS.**

A. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

The signature pages from one or more counterparts may be removed from such counterparts and such signature pages all attached to a single instrument so that the signatures of all Parties may be physically attached to a single document.

B. Incorporation of Exhibits and Recitals. All Exhibits referred to herein and the Recitals stated above are hereby incorporated by reference into this Agreement.

C. Effective Date. This Agreement shall become effective upon approval by the City of this Agreement during a public meeting and the full execution of the Agreement by the Parties.

D. Cooperation. The Parties agree to diligently and in good faith cooperate to process all applications as expeditiously as reasonably possible to take such other actions as are reasonably necessary to carry out the intent of this Agreement.

E. Representatives. Each Party shall designate a representative to act as a liaison between City, its various departments, and Owner (“Representatives”). The Representatives shall be available at all reasonable times to assist with the Parties’ performance under this Agreement. Either Party may change the Representative by giving notice to the other Party of the name, title, address, and telephone number of the replacement.

F. Notices. All notices, filings, consents, approvals and other communications provided for herein or given in connection herewith shall be in writing and delivered personally, by facsimile or sent by United States Mail in a postage prepaid envelope via certified mail, return receipt requested, addressed to the other to the address provided herein or as may be changed in writing:

“City”

City of Maricopa
39700 West Civic Center Plaza
Maricopa, Arizona 85138
Attn: Maricopa City Manager
Telephone: 520-316-6852
Facsimile: (520) 568-9120
Email: benjamin.bitter@maricopa-az.gov

Copy to:

Maricopa City Attorney
c/o Denis Fitzgibbons
Fitzgibbons Law Offices
1115 East Cottonwood Lane
P.O. Box 11208
Casa Grande, AZ 85310-0148
Telephone: (520) 426-3824
Facsimile: (520) 426-9355
Email: denis@fitzgibbonslaw.com

“Owner”

Forestar (USA) Real Estate Group, Inc.
1661 E Camelback Rd, Ste 330
Phoenix, AZ 85016
Attention: Roman Gorecki
Telephone: (480) 801-2427
Email: RomanGorecki@Forestar.com

“Association”

Moonlight Homeowners Association, Inc.
1661 E Camelback Rd, Ste 330
Phoenix, AZ 85016
Attention: Paige Livingston
Telephone: (480) 801-2431
Email: PaigeLivingston@Forestar.com

All such notices, demands or other communications will (i) if delivered personally or delivered through a same day delivery/courier service be deemed effective upon confirmed delivery or refusal to accept delivery by the addressee, (ii) if delivered by U.S. Mail in the manner described above be deemed effective upon the earlier of receipt or five (5) business days after deposit in a United States post office or with a United States postal officer, (iii) if delivered by a recognized national overnight delivery service be deemed effective one (1) business day after deposit with such service upon confirmed delivery or refusal to accept delivery by the addressee, and (iv) if delivered by facsimile be deemed effective upon confirmation of successful transmission by the sender's facsimile machine (in each case regardless of whether such notice, demand or other communication is received by any person to whom a copy of such notice, demand or other communication is to be delivered pursuant to this Section).

G. Waiver. No delay in exercising any right or remedy by the Parties shall constitute a waiver thereof. Waiver of any of the terms of this Agreement shall not be valid unless in writing and signed by all Parties hereto. The failure of any Party to enforce the provisions of the Agreement or require performance of any of its provisions shall not be construed as a waiver of such provisions or affect the right of the Party to enforce all of the provisions of this Agreement. Waiver of any breach of this Agreement shall not be held to be a waiver of any other or subsequent breach thereof.

H. Governing Law. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Arizona.

I. Choice of Forum. Any action brought to interpret, enforce or construe any provision of this Agreement shall be commenced and maintained in the Superior Court of the State of Arizona in and for the County of Pinal (or in the United States District Court for the District of Arizona, if, but only if, the Superior Court lacks or declines jurisdiction over such action). The Parties irrevocably consent to jurisdiction and venue in such courts for such purposes and agree not to seek transfer or removal of any action commenced in accordance with the terms of this Section.

J. Exercise of Authority. It is understood and agreed that Owner shall not exercise any of the authority or sovereign powers of the City and shall not represent themselves as an agent(s) for the City. Nothing in this Agreement shall be construed to create any partnership, joint venture, or principal agency relationship between the Parties.

K. Recordation. The City shall record this Agreement in the official records of the Pinal County Recorder within ten (10) days after all parties sign the Agreement.

L. Conflict of Interest. This Agreement is subject to the provisions of A.R.S. § 38-511.

M. Severability of Provisions. Each term and provision of this Agreement shall be considered severable and if any term or provision of this Agreement be declared or be determined to be illegal or invalid, the validity of the remaining terms and provisions shall not be affected thereby, and said illegal or invalid term or provision shall not be deemed a part of this Agreement, notwithstanding any other provision of this Agreement to the contrary.

N. Time of the Essence. Time is of the essence to this Agreement and with respect to the performance required by each Party hereunder.

O. Further Assurances. The Parties hereto agree to do all such things and take all such actions, and to make, execute and deliver such other documents and instruments, as shall be reasonably requested to carry out the provisions, intent and purpose of this Agreement. If any approval is required of any Party in furtherance of the rights under this Agreement, such approval shall not be unreasonably delayed or withheld.

P. Amendments. No amendment shall be made to this Agreement except by written document executed by all the Parties. Within ten (10) days after the effective date of any amendment, the amendment shall be recorded with the Pinal County Recorder.

Q. Headings and Construction. The headings for the Paragraphs and sub-paragraphs of this Agreement are for convenience and reference purposes only and in no way define, limit or describe the scope or intent of said Paragraphs or sub-paragraphs nor in any way affect interpretation of this Agreement. When used herein, the terms “include” or “including” shall mean without limitation because of the enumeration. All grammatical usage herein shall be deemed to refer to the masculine, feminine, neuter, singular, or plural as the identity of the person or persons may require. The term “person” shall include an individual, corporation, partnership, trust, estate, or any other duly formed entity. If the last day of any time period stated herein should fall on a Saturday, Sunday, or legal holiday in the State of Arizona, then the duration of such time period shall be extended so that it shall end on the next succeeding day which is not a Saturday, Sunday, or legal holiday in the State of Arizona. If a cross-reference within any provision cites a particular Article, Section, or Subsection number of this Agreement, it shall be a reference to the referred Article, Section, or Subsection and its subparts.

R. Attorneys’ Fees. In the event it becomes necessary for a Party to this Agreement to bring an action at law or other proceedings to enforce any of the terms or provisions of this Agreement, the successful Party in any such action or proceeding may apply for reasonable attorney fees pursuant to A.R.S. § 12-341.01.

S. Default. Failure or unreasonable delay by any Party to perform or otherwise act in accordance with any term or provision hereof shall constitute a breach of this Agreement and, if the breach is not cured within thirty (30) days after written notice thereof from another Party (the “Cure Period”), shall constitute a default under this Agreement; provided, however, that if the failure is such that more than thirty (30) days would reasonably be required to perform such action or comply with any term or provision thereof, then the Party shall have such additional time as may be necessary to perform or comply so long as the Party commences performance or compliance within said thirty (30) day period and diligently proceeds to complete such performance or fulfill such obligation.

T. Good Standing; Authority. Each of the Parties represents and warrants to the other (i) that it is duly formed and validly existing; (ii) that it is an entity qualified to do business in Arizona with respect to Owner, or a political subdivision of the state with respect to the City; and (iii) that the individuals executing this Agreement, on behalf of their respective Parties are authorized and empowered to bind the Party, and the Property with respect to Owner.

U. Force Majeure. The time period for performance and/or performance of any Party and the duration of this Agreement shall be extended by any causes that are beyond the control of the Party required to perform, such as an act of God, civil or military disturbance, delays resulting from any act or omission of governmental authorities or utilities, labor strike, injunctions in connection with litigation, labor or material shortage, or acts of terrorism.

V. Entire Agreement. This constitutes the entire agreement between the Parties pertaining to its subject matter. All prior and contemporaneous agreements, representations and understandings of the Parties, oral or written (including any term sheets, discussion outlines or similar documents), are hereby superseded and merged into this Agreement.

W. Dispute Resolution. In the event a dispute arises under this Agreement, the initiating Party shall send written notice to the other Party of the commencement of the ninety (90) day moratorium on litigation the Parties have agreed shall be instituted. During the ninety (90) day period, the Parties agree to attempt to settle the dispute through non-binding mediation before commencement of litigation. The mediation shall be held under the Commercial Mediation Rules of the American Arbitration Association (“AAA”) but shall not be under the administration of the AAA unless agreed to by the Parties in writing, in which case all administrative fees shall be divided evenly between the City and Owner. The matter in dispute shall be submitted to a mediator mutually selected by the City and Owner. If the Parties cannot agree upon the selection of a mediator within ten (10) days, then within five (5) days thereafter, the City and Owner shall request that the Presiding Judge of the Superior Court in and for the County of Pinal, State of Arizona, appoint the mediator. The mediator selected shall have at least ten (10) years’ experience in mediating or arbitrating disputes relating to commercial property. The cost of any such mediation shall be divided equally between the City and Owner. The results of the mediation shall be nonbinding with any Party free to initiate litigation upon the conclusion of the latter of the mediation or of the ninety (90) day moratorium on litigation. The mediation shall be completed in one day (or less) and shall be confidential, private, and otherwise governed by the provisions of A.R.S. § 12-2238, to the extent allowed by the Arizona Open Meetings Law, § 38-431 et. seq.

[Signature pages follow]

IN WITNESS WHEREOF, the Parties hereto have set their hands as of the date first written above.

CITY OF MARICOPA, an Arizona municipal corporation

By: _____
Nancy Smith, Mayor

Date: _____

ATTEST:

Approved as to Form:

Vanessa Bueras, MMC
Clerk

Denis M. Fitzgibbons
City Attorney

STATE OF ARIZONA)
) ss.
County of Pinal)

The foregoing Agreement was acknowledged before me this ____ day of _____, 2025 by Nancy Smith, who acknowledged herself as the Mayor of the City of Maricopa, and being authorized to do so, executed the foregoing instrument on behalf of the City for purposes therein stated.

Notary Public

My Commission Expires:

Forestar (USA) Real Estate Group, Inc., a
Delaware corporation

By: 

Name: Roman Gorecki

Its: Division President – Phoenix

Date: December 5, 2025

STATE OF ARIZONA)
) ss.
County of Maricopa)

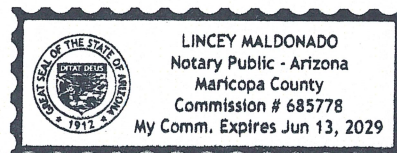
On this 5 day of December, 2025, before me personally appeared, Roman Gorecki,
as Division President of Forestar (USA) Real Estate Group, Inc., a Delaware corporation, being
authorized to do so, and acknowledged that he signed the above document for the purposes therein
contained.



Notary Public

My Commission Expires:

June 13, 2029



Moonlight Homeowners Association, Inc.
an Arizona non-profit corporation

By: Paige Livingston
Name: Paige Livingston
Its: President of Moonlight Homeowners
Association

Date: 12/5/25

STATE OF ARIZONA)
) ss.
County of Maricopa)

On this 5 day of December, 2025, before me personally appeared, Paige Livingston, as President of Moonlight Homeowners Association, Inc. an Arizona non-profit corporation, being authorized to do so, and acknowledged that she signed the above document for the purposes therein contained.

[Signature]
Notary Public

My Commission Expires:

June 13, 2029



LIST OF EXHIBITS

EXHIBIT A	LEGAL DESCRIPTION
EXHIBIT B	FEMA LOMR APPROVAL & FIRM MAP
EXHIBIT C	LIMITS OF FLOOD CONTROL STRUCTURES
EXHIBIT D	APPROVALS AND PERMITS REQUIRED
EXHIBIT E	O&M PLAN
EXHIBIT F	TEMPLATE O&M INSPECTION CHECKLIST

EXHIBIT A

Legal Description of the Property

PORTIONS OF PARCEL N-1 OF RE-PLAT OF BLOCK PLAT OF MOONLIGHT PHASE 1, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF PINAL COUNTY, ARIZONA, RECORDED IN PLAT FEE NO. 2024-078484, SECTION 17, TOWNSHIP 04 SOUTH, RANGE 03 EAST, 2,464,886 SQUARE F A PORTION OF PARCEL N-1 OF RE-PLAT OF BLOCK PLAT OF MOONLIGHT PHASE 1

EXHIBIT B: FEMA LOMR Approval & FIRM Map

Page 1 of 5

Issue Date: July 22, 2025

Effective Date: December 8, 2025

Case No.: 24-09-0371P

LOMR-APP

**Federal Emergency Management Agency**

Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT**

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Maricopa Pinal County Arizona	CHANNELIZATION FILL GRADING	2D HYDRAULIC ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 040052		
IDENTIFIER	Moonlight LOMR	APPROXIMATE LATITUDE AND LONGITUDE: 33.080, -112.081 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 04021C0730F DATE: June 16, 2014		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: May 16, 2019 PROFILE(S): 79P, 97P, 98P AND 99P	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE AND REVISED REACH

See Page 2 for Additional Flooding Sources

Vekol Wash Tributary - From confluence with the Vekol Wash Tributary 2 to just downstream of State Route 238.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Vekol Wash Tributary	Zone AE Zone AE BFEs*	Zone AE Zone X (shaded) BFEs	NONE YES NONE	YES NONE YES

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

David N. Bascom, Acting Director
Engineering and Modeling Division
Risk Analysis, Planning and Information Directorate

24-09-0371P

102-I-A-C

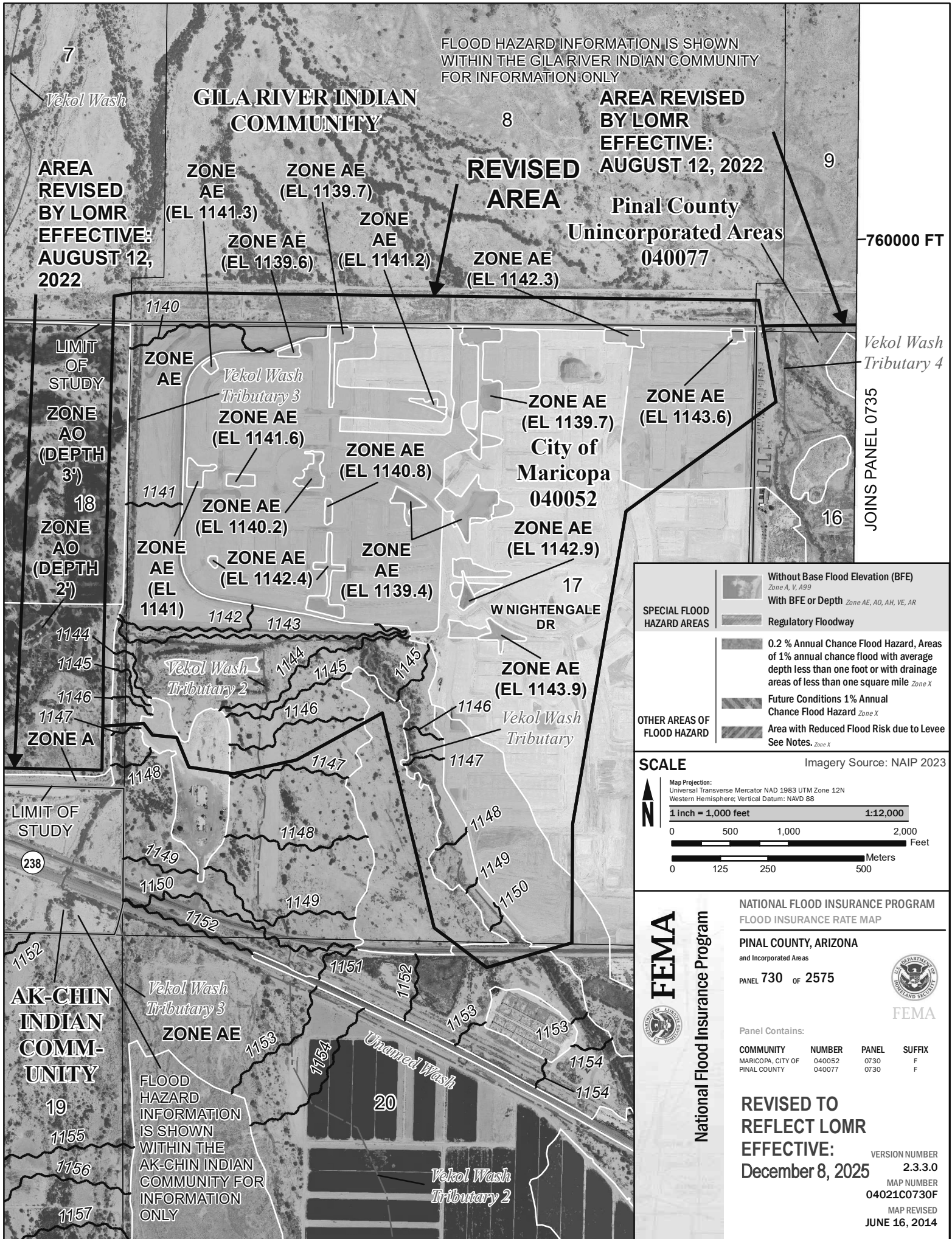
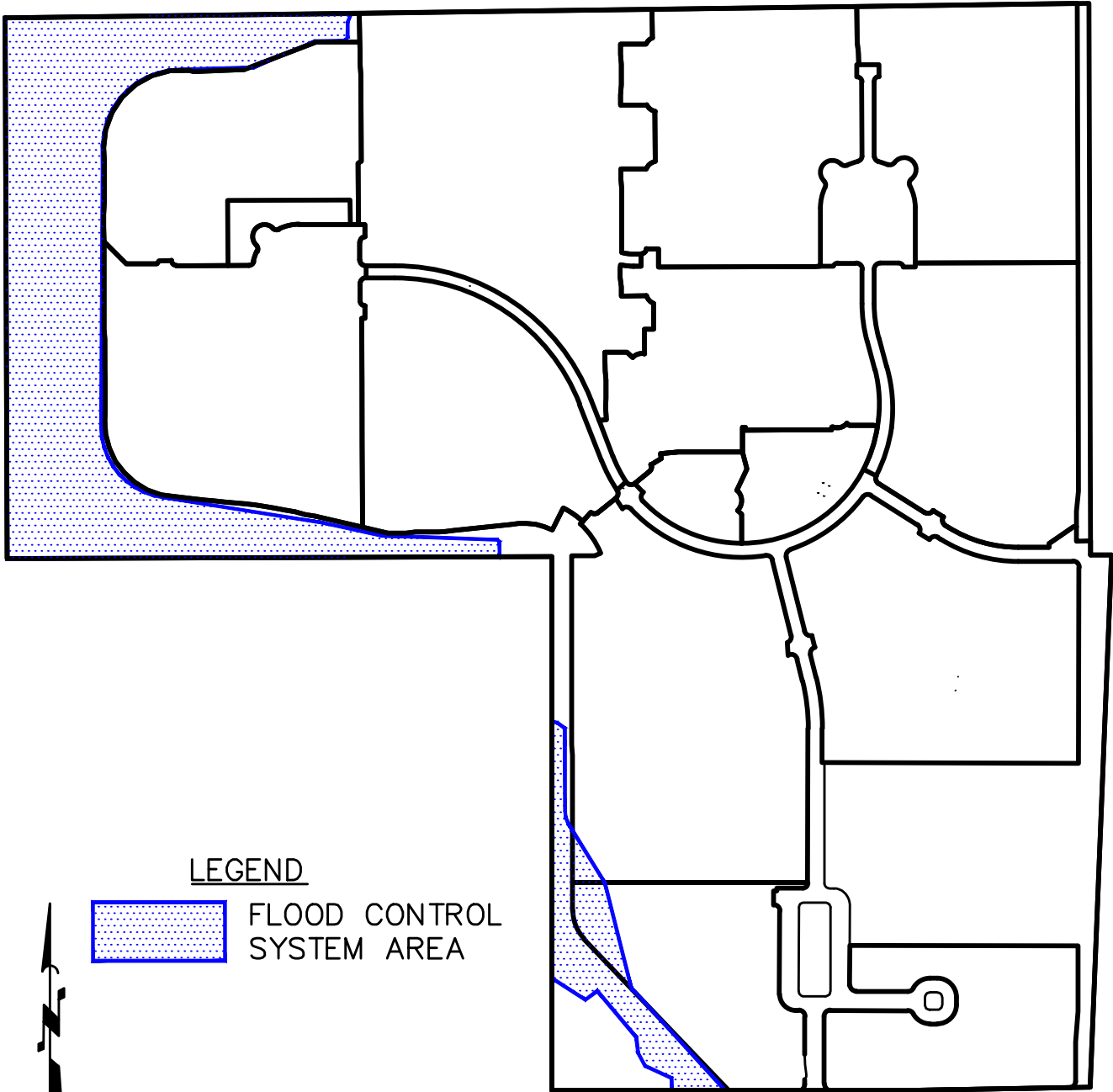


EXHIBIT C



ATWELL
866.850.4200 www.atwell-group.com

MOONLIGHT

MARICOPA, ARIZONA

FLOOD CONTROL SYSTEM

JOB #	20002092
DATE	11.10.2025
SCALE	NTS
DRAWN	SJG
SHT 1 OF 1	

EXHIBIT D
Approvals and Permits Required

<u>Item</u>	<u>Parties</u>
Development Agreement (for guarantee of maintenance)	City and Owner
Approval of construction documents	City of Maricopa and Pinal County
Floodplain Use Permit	City of Maricopa
Dust Permit	Pinal County
Grading and Drainage and Utility Permits (construction of flood control solution work would commence)	City of Maricopa
ROW Permit for offsite construction	City of Maricopa
LOMR	City of Maricopa and FEMA
Building Permits	City of Maricopa

EXHIBIT E

Operations and Maintenance Plan

This operation and maintenance plan applies to the Moonlight Development (Site) for the channel/basin system presented in the Mass Grading Plans for Moonlight to mitigate the Vekol Wash Tributary, Vekol Wash Tributary 2 and Vekol Wash Tributary 3 flood hazards in the City of Maricopa, Pinal County, Arizona and is intended to meet the requirements of the approved LOMR. The channel/basin is located on private land; however, the city has oversight of the area to ensure that maintenance is performed. The Moonlight Homeowners Association (HOA) and/or owners are responsible for ensuring that all necessary maintenance activities for the channel/basin system are accomplished, pursuant to a Maintenance Agreement with the City, to which this document is attached as an exhibit. The HOA Facilities Maintenance Supervisor will be responsible to notify the City of regular maintenance performance and provide annual maintenance reports.

The purpose of this plan is to establish the on-going operations and maintenance procedures for the channel/basin within the floodplain of the Vekol Wash Tributary, Vekol Wash Tributary 2 and Vekol Wash Tributary 3. The channel area may erode, scour, change shape, widen, and narrow over time. To address the potential changes, steps may need to be taken to restore the channel/basin corridor. These steps may include re-establishing the design grade along the channel/basin in locations where erosion has occurred. Also, as a result of erosion, trees and shrubs may become uprooted and other debris may buildup within the drainage corridor. Obstructions within the drainage corridor must be removed. Failure to provide maintenance may prevent the channel/basin from performing at its intended conveyance capacity. Maintenance is the responsibility of HOA, developers, owners, etc. for facilities on private property within drainage easements and/or tracts.

Ongoing maintenance of the designed improvements will be required to preserve the design integrity and purpose of the channel/basin system. Inspection is a requirement of maintenance. The following sections should be used to guide routine operations, inspections, and maintenance. The channel/basin may have sections that impact other adjacent property owners and/or agencies and the permitting requirements and conditions imposed by the jurisdictional agency need to be followed regarding the operation and maintenance guidelines.

A regular maintenance program will be required to have the channel/basin system perform to the level of protection as presented in the projects' plans and specifications. In conjunction with the approved LOMR, the following Operation and Maintenance Plan has been provided below for the subject project:

Inspections of the improvements will be performed and documented on an annual basis. Additional inspections will be performed after significant storm events. The inspector reviewing and signing off on the channel inspection shall be a registered civil engineer licensed in the State of Arizona. Field inspection, photography, field surveys, and monitoring shall be performed by, or under the direct supervision of, the registered engineer. A field inspection report shall be completed and

submitted to the City within fifteen (15) days from the time that an inspection of the subject flood control facility has been performed.

- The HOA and/or owners are responsible for ensuring that all necessary maintenance activities for the channel/basin are accomplished by the Facilities Maintenance Supervisor. The Facilities Maintenance Supervisor will be responsible to notify the City of regular maintenance performance and provide annual maintenance reports.
- Field inspections are a necessary part of operation since early detection of gradual changes can reduce maintenance costs. Routine inspections provide a way to monitor the performance of the flood control facilities.
- Field inspections shall be completed daily during those times when the flood waters in the conveyance channel/basin exceed a depth of two (2) feet over the length of the facility for a period exceeding 24 hours
- Post-storm inspections should be performed as soon as possible after flood conditions have subsided. Although the flood control system is designed for 100-Year flow conditions, it is still susceptible to damage during other flow conditions. Post-storm inspection records should be kept and maintained by the Facilities Maintenance Supervisor.
- Listed below are key elements to be inspected annually and following storm events
 1. Side slope integrity: Monitor and address erosion along the channel/basin corridor side slope and along the development fill grading to provide continued stability.
 2. Vegetation: Review channel corridor vegetation health. Review potential for dying trees to fall or become uprooted during a flood event. Once established, minor grasses may be permitted to grow 6" to 12" before maintenance activities should commence. Shrubs are permitted between 24" to 36" in diameter and trees with a trunk diameter of 3"-9". Dead shrubs and trees must be removed.
 3. Erosion: Monitor areas for the development of erosion, head cutting, or undercutting of the channel/basin banks and flood control structures. Provide mitigation as required for areas of erosion to maintain the integrity of the flood control system within the defined drainage easement/tract.
 4. Sediment build-up: Monitor the depth of sediment deposition in the improved channel/basin and/or along the side slopes of the grading. Non-destructive markers in key places may be installed to establish normal operative channel depths so that sediment build-up is monitored. Removal of sediment must occur when sediment build-up has reached 6" at a maximum.

Maintenance activities for the improvements include, but are not limited to:

1. Removal of debris and excessive sediment build-up.
2. Repair or replacement of erosion damaged areas.
3. Installation of erosion control measures as needed.

EXHIBIT F

Operations and Maintenance Checklist

HOA Inspection Checklist for Moonlight Channel & Flood Control Structures

Community Address: 2292 N Green Rd, Maricopa, Arizona

a portion of: Vekol Wash Tributary, Vekol Wash Tributary 2 and Vekol Wash Tributary 3 flood hazards in the City of Maricopa, Pinal County

			Inspection Type (select one)	
Date	Location (i.e. NW Channel)	Inspected by (Name & Title):	Regular	Special (i.e. Post-Storm)

Component	Item*	Needs Maintenance	Description (i.e. remove, repair, install, etc.)
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Side Slopes & Channel Banks			
General Condition			
Erosion			
Stabilization / Grading			
Trash & Debris			
Vegetation			
Fallen and/or uprooted Trees			
Dying Trees or Shrubs			
Grass Height (12" max)			
Non-Native Plant Material			
Sediment build-up			
Obstructions			
Other			

*Provide map w. markup's, #'s and notes (if applicable).

Channel Floor and/or Basins			
General Condition			
Erosion			
Stabilization / Grading			
Trash & Debris			
Vegetation			
Fallen and/or uprooted Trees			
Dying Trees or Shrubs			
Grass Height (12" max)			
Non-Native Plant Material			
Sediment build-up			
Obstructions			
Other			

*Provide map w. markup's, #'s and notes (if applicable).

Additional Maintenance Remarks and Notes:

Notes:

Attachments:

Photos:

Maps:

Inspected by:	Copy Provided to the City of Maricopa as follows:
Signature: _____	City of Maricopa Flood Control District
Print Name: _____	Att: Storm Inspection & Maintenance Manager _____
Print Title: _____	Via (Email, USPS, FedEx, Delivery, etc.): _____
Eng Firm: _____	Date: _____
Date: _____	

