

**UPDATE #5 TO THE
TECHNICAL HYDROLOGY STUDY FOR
ANN/MUSTANG
(A.K.A. STONEWATER)**

CITY OF LAS VEGAS
TCE# 001-06062

Prepared for:
RICHMOND AMERICAN HOMES
7770 South Dean Martin Drive, Suite #410
Las Vegas, Nevada 89139

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Prepared by:
TCE
3277 East Warm Springs Road, Suite 400
Las Vegas, Nevada 89120
(702) 932-6125
FAX (702) 932-6129

March 2011

☐ **T** ☐ **THOMASON**
☐ **C** ☐ **CONSULTING**
☐ **E** ☐ **ENGINEERS**

DRAINAGE STUDY INFORMATION FORM

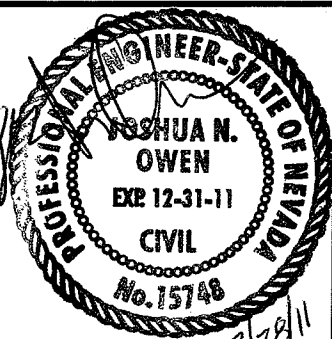
Name of Development: Ann / Mustang (a.k.a Stonewater) DATE: March 28, 2011Location of development: a) Descriptive (Cross Streets) North/South Mustang Rd East/West Ann Rdb) Sect. 26 Twn. 19S Rng 60EName of Owner: Richmond American HomesAssessors Parcel No.: 125-26-812-001 thru 022Telephone No.: 932-6125Facsimile No.: 932-6129Address: 7770 South Dean Martin Drive, Suite #410Contact Person-Name: Josh OwenTelephone No: 702-932-6125Email: jowen@tce-lv.comFirm: TCEAddress: 3277 East Warm Springs Road, Suite 400 Las Vegas, Nevada 89120

Type of Land Development/Land Disturbance Process:

☐	Rezoning	☐	Subdivision Map	☐	Clearing and Grading
☐	Parcel Map	☐	Planned Unit Development	☐	Other (Please Specify below)
☐	Large Parcel Map	☒	Building Permit		

1. Total Owned Land Area: At Site: 9.73 Being Developed/Disturbed 9.732. Is a portion or all of the subject property located in a designated FEMA Flood Hazard Area? YES ☐ NO ☒3. Is the property bordered or crossed by an existing or proposed Clark County Regional Flood Control District Master Planned Facility? YES ☐ NO ☒4. Proposed type of development (Residential, Commercial, Etc.)? Residential5. Approximate upstream land area, which drains to the subject site? See report6. Has the site drainage been evaluated in the past? YES ☒ NO ☐ If yes, please documentation:Technical Hydrology Study for Ann/Mustang

7. If known, please briefly identify the proposed discharge point(s) of runoff from the site:

Ann Road8. Briefly describe your proposed schedule for the subject project: ASAP

Engineer's Seal

Submit this form as part of the required drainage study to the local entity which has jurisdiction over The subject property. This form may provide sufficient information to serve as the Conceptual Drainage Study.

* Review and concurrence of the Clark County Regional Flood Control District is Required.

Local Entity File No.

Revision

Date

REFERENCE:

STANDARD FORM 1

T THOMASON
C CONSULTING
E ENGINEERS

March 28, 2011

Mr. Albert Sung, P.E.
City of Las Vegas
Land Development Services
Department of Public Works
731 S. Fourth St.
Las Vegas, Nevada 89101

**Re: Update#5 to the
Technical Hydrology Study for Stonewater (a.k.a. Ann/Mustang)
CLV# DS4001
TCE# 001-06062**

Mr. Sung:

On behalf of Richmond American Homes, we respectfully request approval of the revision on sheet G1, G2, P2 and P3 to use a Jensen Precast 36" x 36" grate inlet instead of beehive inlets along the east side of Mustang Road located within Clark County right-of-way. The storm drain system has regularly spaced inlets on an approximately 300 ft interval and is for nuisance flows only. The grated inlets pose less of a traffic hazard within the roadside swale than the currently designed beehive inlets. Clark County has already reviewed and approved the changes proposed.

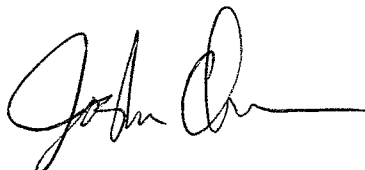
Mustang Road and El Campo Grande Avenue have been revised to remove the proposed cutoff wall at edge of pavement. The final approved hydraulic analysis indicates that the velocities are under 5 ft/s and non-erosive. Therefore, there is little benefit to constructing the cutoff walls and removing them from the plans will also reduce the inconvenience to the existing neighbors to the east that are affected by the construction.

If there are any questions, or additional information is necessary, please contact this office at 932-6125.

Sincerely,



John McAvoy, E.I.
Engineering Services



Joshua N. Owen, P.E.
Project Engineer