

## Fred Fleet

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**From:** LingXiao Wang <ling.xiao.wang@phoenix.gov>  
**Sent:** Monday, October 29, 2018 7:59 AM  
**To:** Fred Fleet  
**Cc:** Gary Griffith  
**Subject:** RE: MORNING GLORY ESTATES II -LOT SPLIT @ 6101 EAST CABALLO LANE, PARADISE VALLEY ,AZ --COP 1/4 SECTION MAP 26-42  
**Attachments:** 6101 EAST CABALLO LANE PV.jpg

Hi Fred, from our model it looks satisfactory for the 1500 gpm fire flow requirement.

However, as you know a model has all its assumptions and limitations and our fire flow model is a static hydraulic model, though in general it provides a very good picture of the system.

Thanks

Ling-Xiao Wang, P.E.  
Civil Engineer III  
Asset and Development Planning Division  
City of Phoenix Water Services Department  
Phone: (602) 262-7652  
Fax: (602) 495-5843  
[Ling.Xiao.Wang@phoenix.gov](mailto:Ling.Xiao.Wang@phoenix.gov)

**PHXWATERSMART**



**From:** Fred Fleet [[mailto:fef\\_@cvlci.com](mailto:fef_@cvlci.com)]  
**Sent:** Friday, October 26, 2018 2:33 PM  
**To:** LingXiao Wang <[ling.xiao.wang@phoenix.gov](mailto:ling.xiao.wang@phoenix.gov)>  
**Subject:** FW: MORNING GLORY ESTATES II -LOT SPLIT @ 6101 EAST CABALLO LANE, PARADISE VALLEY ,AZ --COP 1/4 SECTION MAP 26-42

LONG PLEASE SEE BELOW.

HELP, FLEET

**Fred E. Fleet, P.E., F. ASCE**  
Senior Project Manager

Main: 602-264-6831 direct: 602.285.4768 fax: 602.264.0928

**COE & VAN LOO CONSULTANTS, INC.**  
4550 N. 12th Street • Phoenix, Arizona • 85014





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**From:** Gary Griffith [<mailto:gary.griffith@phoenix.gov>]

**Sent:** Wednesday, October 24, 2018 1:40 PM

**To:** Fred Fleet

**Subject:** RE: MORNING GLORY ESTATES II -LOT SPLIT @ 6101 EAST CABALLO LANE, PARADISE VALLEY ,AZ --COP 1/4 SECTION MAP 26-42

If you would like to send this request to [Ling.Xiao.Wang@phoenix.gov](mailto:Ling.Xiao.Wang@phoenix.gov), she will send you a screen shot of the modeling results for your area of concern and then your reviewer can make the decision whether it is adequate or not.

**From:** Fred Fleet [[mailto:fef\\_@cvlci.com](mailto:fef_@cvlci.com)]

**Sent:** Wednesday, October 24, 2018 9:07 AM

**To:** Gary Griffith <[gary.griffith@phoenix.gov](mailto:gary.griffith@phoenix.gov)>

**Cc:** PAUL MICHAUD ([PMICHAUD@PARADISEVALLEYAZ.GOV](mailto:PMICHAUD@PARADISEVALLEYAZ.GOV)) <[PMICHAUD@PARADISEVALLEYAZ.GOV](mailto:PMICHAUD@PARADISEVALLEYAZ.GOV)>;  
; Doug Jorden <[djorden@jhilawyers.com](mailto:djorden@jhilawyers.com)>; Eric Laurin <[etlaurin@cvlci.com](mailto:etlaurin@cvlci.com)>

**Subject:** MORNING GLORY ESTATES II -LOT SPLIT @ 6101 EAST CABALLO LANE, PARADISE VALLEY ,AZ --COP 1/4 SECTION MAP 26-42

GARY-

PLEASE VERIFY THAT THE FLOW FROM EXISTING FIRE HYDRANT/HYDRANTS IN THE VICINITY OF THE ABOVE REFERENCED LOT MEET OR EXCEED THE TOWN'S MINIMUM FIRE FLOW OF 1,500 GPM.

THANKS, FLEET

**Fred E. Fleet, P.E., F. ASCE**

**Senior Project Manager**

Main: 602-264-6831 direct: 602.285.4768 fax: 602.264.0928

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ST CABALLO LAN X

Search results for 610...

### Identify FireFlow

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Results

Results found: 1

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### FireFlowAndStaticPressure

LABEL: 3C-J-1429

DEMAND: 3.93

ELEV: 1326.4

HGL: 1537.69

PSI: 91.4

FFITERS: 4

TOTFFAVAIL: 3137.25

TOTNEEDFF: 1503.93

FFBAL: 1

CALCRES: 25

ZONE: 3C

