

Attachment F – Hydrant Flow Test Results



FIRE HYDRANT FLOW TEST

HYDRANT # & LOCATION Hydrants #21 & 22, Voodoo Road, Ebbing ANG Base, Ft. Smith, AR DATE: 5/22/2024

TEST BY: Traci Bangor Day of Week: Wednesday TIME OF DAY: 7:45am MIN. OF FLOW: 5

WATER SUPPLIED BY: Water Tower at Phantom Drive & Voodoo Road (approx. 800 feet west of flow hydrant)

PURPOSE OF TEST:

DATA

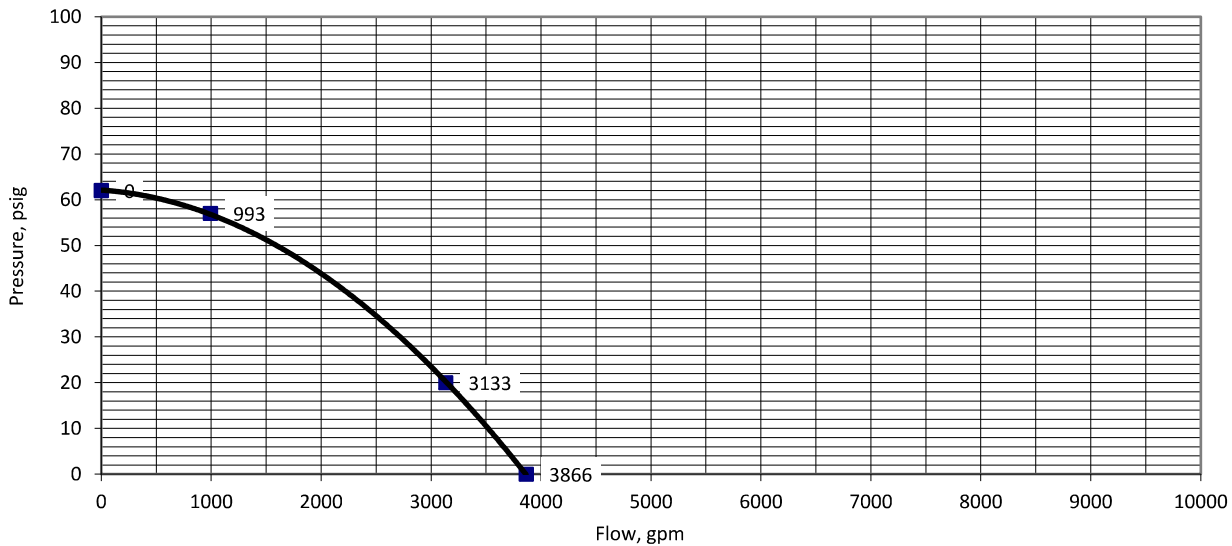
FLOW HYDRANT(S)	A1	A2	A3
SIZE OPENING:	<u>2.5</u>	<u> </u>	<u> </u>
COEFFICIENT:	<u>0.9</u>	<u> </u>	<u> </u>
PITOT READING:	<u>35</u>	<u> </u>	<u> </u>
GPM:	<u>993</u>	<u> </u>	<u> </u>
TOTAL FLOW DURING TEST:	<u>993</u> GPM	<u> </u>	<u> </u>

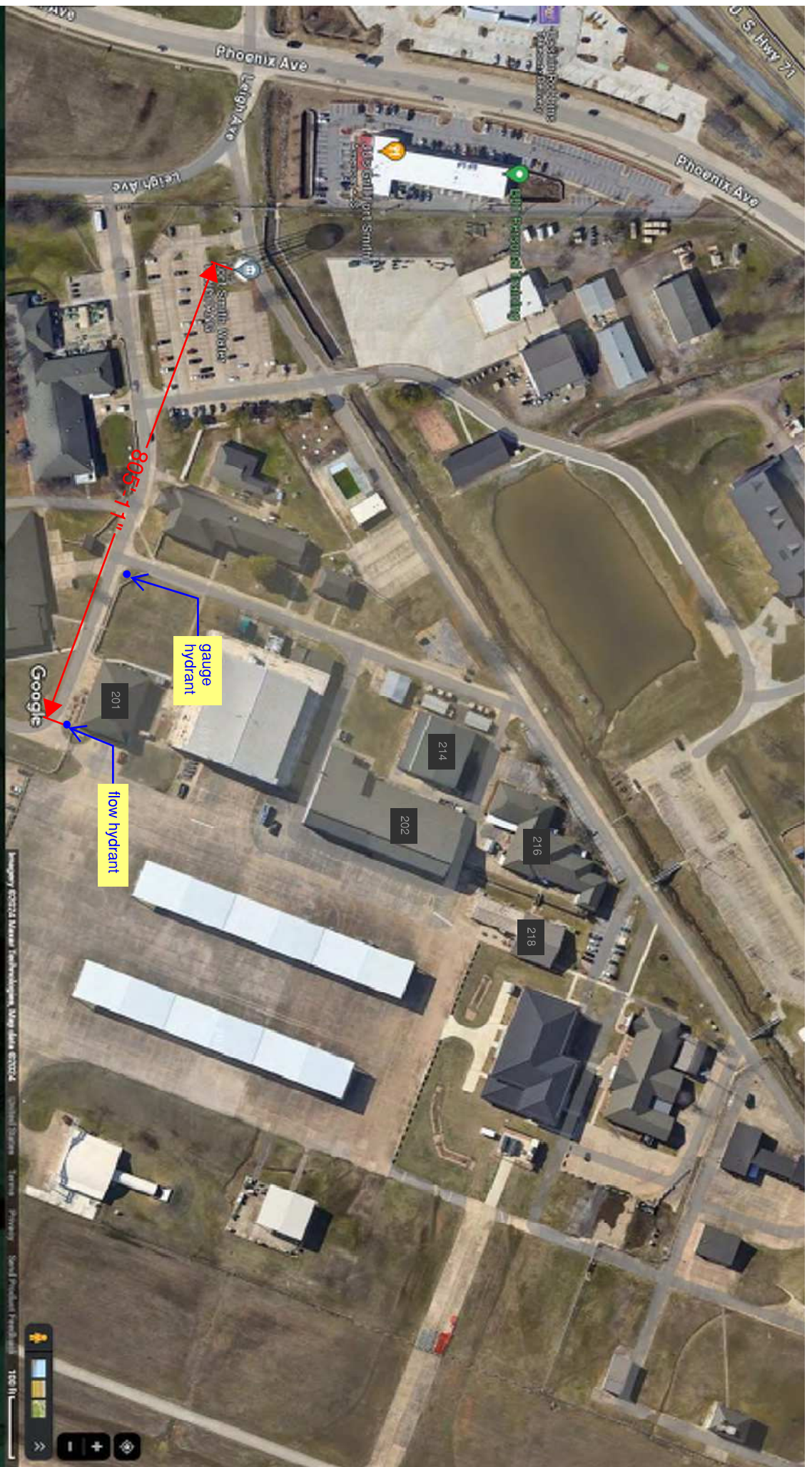
STATIC READING: 62 PSI RESIDUAL: 57 PSI

RESULTS: AT 20 PSI RESIDUAL 3133 GPM AT 0 PSI 3866 GPM

ESTIMATED CONSUMPTION: 4963 GAL.

REMARKS:







FIRE HYDRANT FLOW TEST

HYDRANT # & LOCATION Hydrants #16 & 17, Super Sabre Street, Ebbing ANG Base, Ft. Smith, AR

DATE: 5/22/2024

TEST BY: Traci Bangor Day of Week: Wednesday TIME OF DAY: 8:00am MIN. OF FLOW: 5

WATER SUPPLIED BY: Water Tower at Phantom Drive & Voodoo Road (approx. 795 feet northwest of flow hydrant)

PURPOSE OF TEST:

DATA

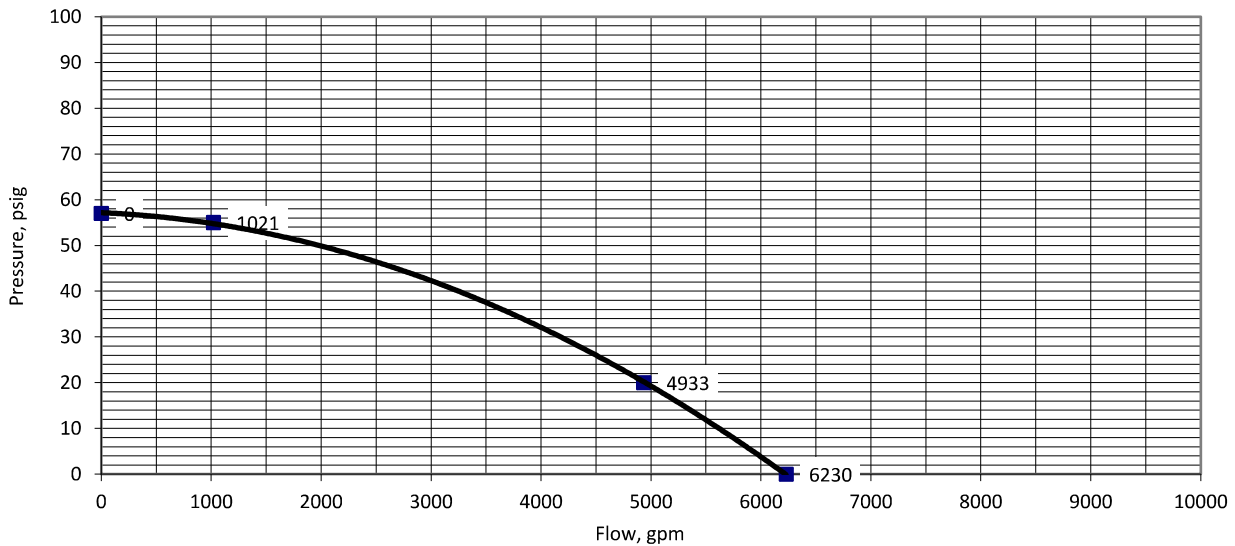
FLOW HYDRANT(S)	A1	A2	A3
SIZE OPENING:	<u>2.5</u>	_____	_____
COEFFICIENT:	<u>0.9</u>	_____	_____
PITOT READING:	<u>37</u>	_____	_____
GPM:	<u>1021</u>	_____	_____
TOTAL FLOW DURING TEST:	<u>1021</u> GPM		

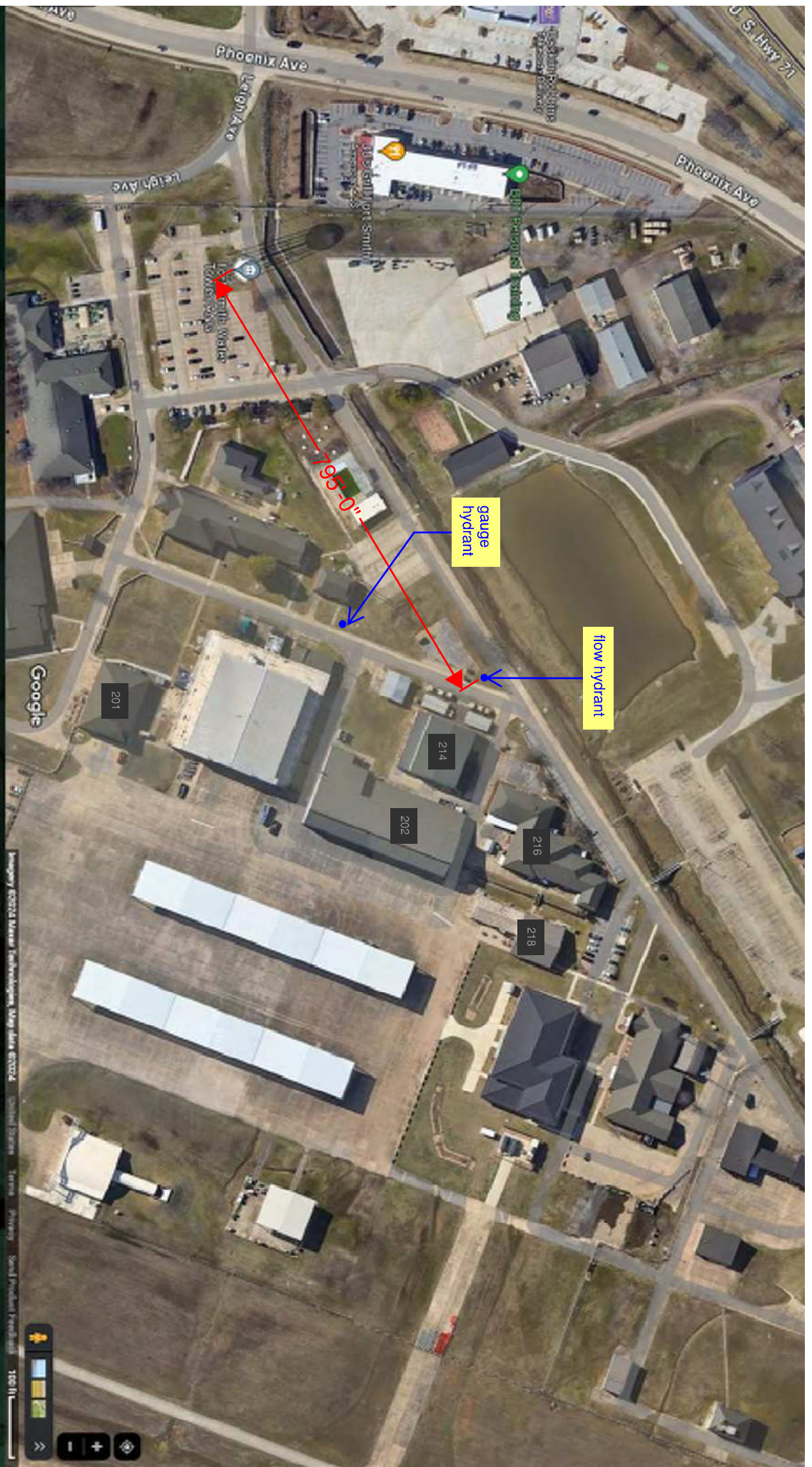
STATIC READING: 57 PSI RESIDUAL: 55 PSI

RESULTS: AT 20 PSI RESIDUAL 4933 GPM AT 0 PSI 6230 GPM

ESTIMATED CONSUMPTION: 5103 GAL.

REMARKS:





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PURPOSE OF TEST:

DATA

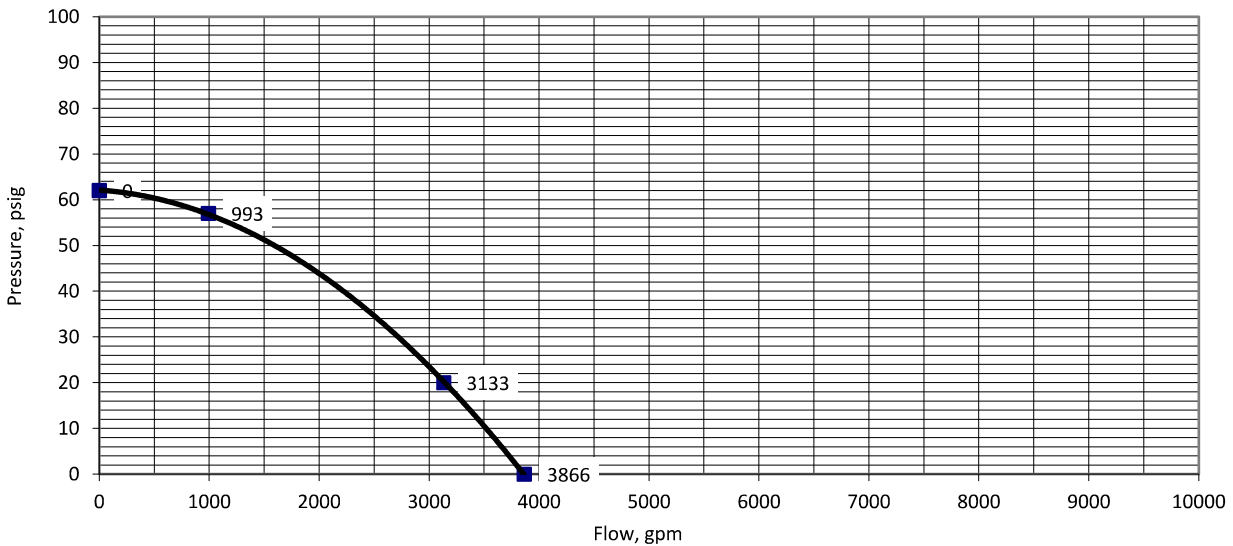
FLOW HYDRANT(S)	A1	A2	A3
SIZE OPENING:	<u>2.5</u>	_____	_____
COEFFICIENT:	<u>0.9</u>	_____	_____
PITOT READING:	<u>35</u>	_____	_____
GPM:	<u>993</u>	_____	_____
TOTAL FLOW DURING TEST:	<u>993</u> GPM	_____	_____

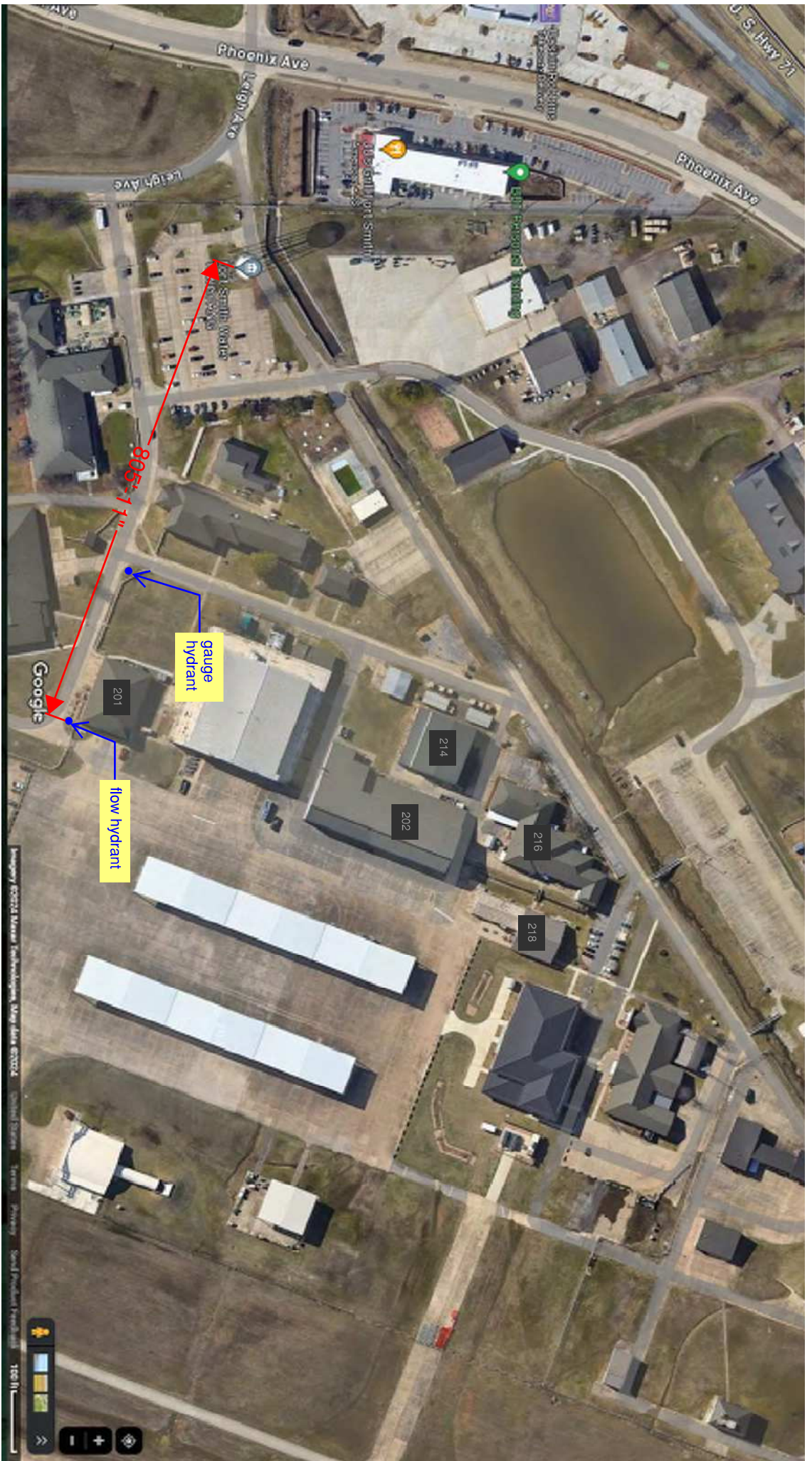
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REMARKS:







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SIZE OPENING:	<u>2.5</u>	_____	_____
COEFFICIENT:	<u>0.9</u>	_____	_____
PITOT READING:	<u>37</u>	_____	_____
GPM:	<u>1021</u>	_____	_____
TOTAL FLOW DURING TEST:	<u>1021</u> GPM	_____	_____

STATIC READING: 57 PSI RESIDUAL: 55 PSI

RESULTS: AT 20 PSI RESIDUAL 4933 GPM AT 0 PSI 6230 GPM

ESTIMATED CONSUMPTION: 5103 GAL.

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