

LAKE DEL RAY

My proposal would be to form a shallow swale between the 2 properties
2618-2620 Del Day Ave.

It would be placed in the area marked "B" on the map.

The area marked "C" would be a gentle slope to the houses or however to protect the homes
and keep it easy to mow.

The elevation of the swale would start with the east edge of Del Ray Ave. and would only have
to drop 2-3 inches as it went east towards the Airport property.

Right now, we are set up to pump the extra water across the proposed swale area to the airport
property.

Putting in this swale would eliminate the need for any future pumping.

The way I see it. The water pools up in this area obviously because it is the low spot. Water
comes from both the North and West.

The houses and yard heights create a dam stopping the water from continuing on to a lower
spot east of these properties

If this swale was put in, it is my opinion that the depth of the water west of Del Ray "A" would
only get as high as the crown in the road.

Depending on how much rain falls it may go 1-2 inches over this height as it works its way to
flow to and through the swale.

The depth of the water on the east side of Del Ray would only be the depth of the flow as it
moves through the swale and off to the lower airport property.

Will the Airport agree to allow this to happen...?

I would hope we could work out a deal to drain the overflow to this area without any pumping
necessary. While also agreeing to work out whatever is necessary when the time comes that
this area becomes developed.

PROS

The water depth west of Del Ray Ave would only get to a height 1-2 inches higher than the Crown in the road. Depends on the rainfall. Once the rain stops it would drain and end up to be the height of the crown.

This would help out 2613 Del Ray also.

Eliminate the need to set up a pump. The swale would divert the water to where we had been pumping to the airport property.

Low cost.

CONS

I see the fence line for 2618 Del Ray looks to be developed very nicely.

Could this be moved?

Would 2620 Del Ray be willing to take the whole swale?

This is clearly a low-cost fix to a big problem. It could be finished yet this year if we could get the property owners to work out a way that they both agree to.

We could always have another historic event but this swale would work for all the other rain events we normally experience. If it were in place before the event, we experienced last year it may have prevented the water damages to the properties that did occur.

This report was prepared by

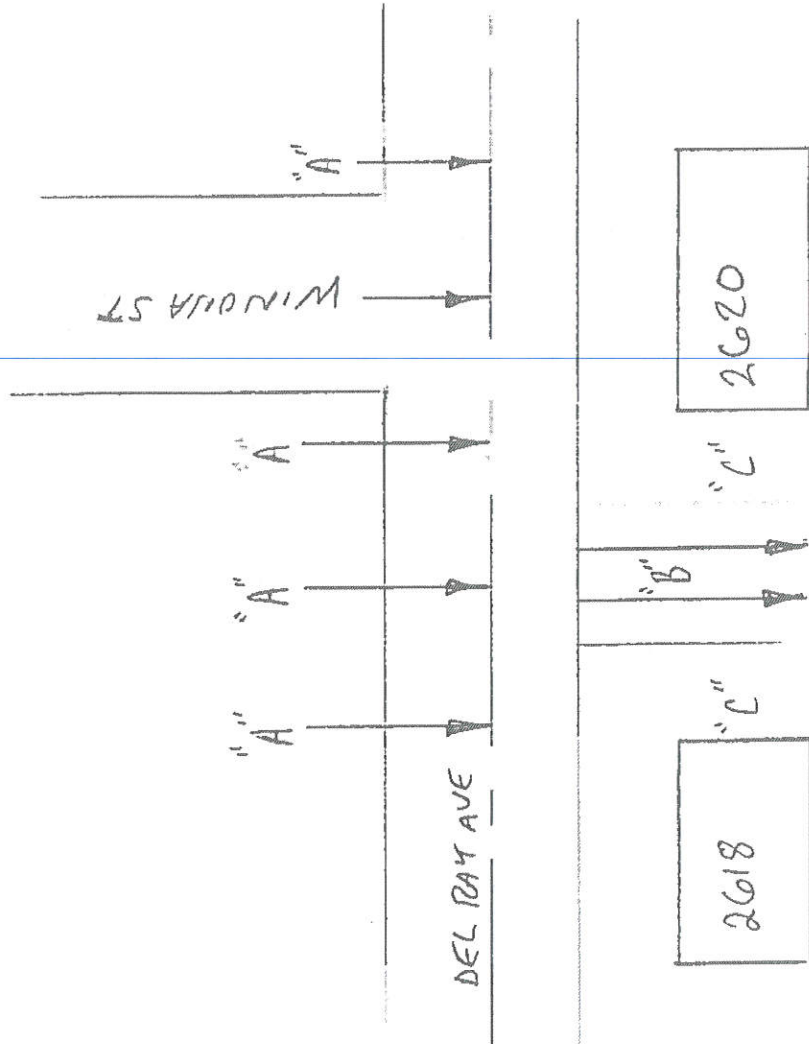
Steve Pintz

Maintenance Foreman

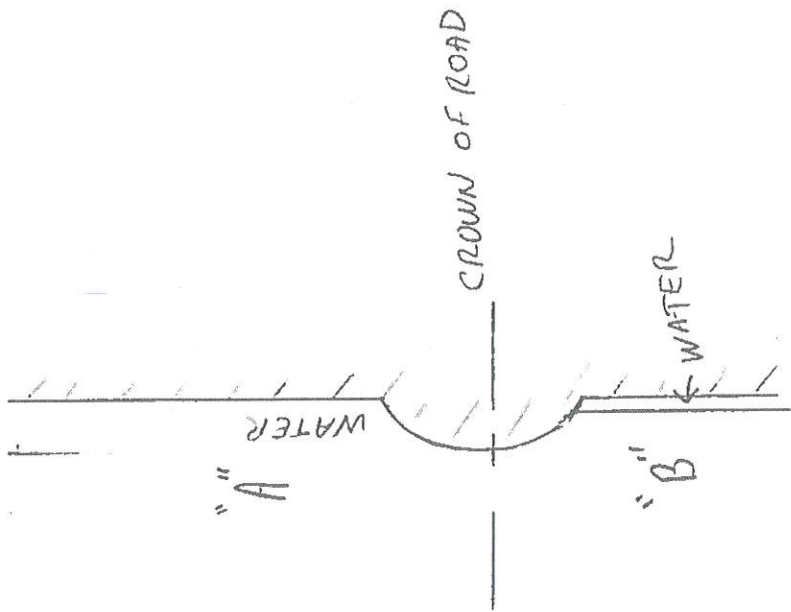
Town of Campbell

03-15-2019

WINONA ST. + DEL RAY AVE.



TOP VIEW



SIDE VIEW

DEL RAY AVE.

Google Maps

0292

