

VICINITY MAP

GENERAL NOTES

LEGAL DESCRIPTION: TR. E-1, ALBUQUERQUE WEST, FILED 3-8-90, VOL C90, FOLIO 67.

SITE AREA: 0.4967 AC.

ELEV. = 5175,79

04-05-16

10-01-26

BENCHMARK: ACS BM #"2-C12". A 1 3/4" ALUMINUM DISK SET ON TOP OF THE WAW RETURN OF PARADISE HILLS BLVD. & DAVENPORT ST.

TBM: RAILROAD SPIKE IN POWER POLE APPROX. 1 BLK. EAST OF GOLF COURSE RD. ON SOUTH ROW LINE OF PARADISE BLVD. ELEV. = 5199.82

FLOOD HAZARD STATEMENT: NO PART OF THIS SITE IS INCLUDED WITHIN A DESIGNATED FLOOD PLAIN AREA ACCORDING TO PANEL 08 OF THE FEMA FLOOD INSURANCE MAPS.

HYDROLOGY

THE SITE FALLS WITHIN PRECIPITATION ZONE 1 ACCORDING TO THE DPM. AS SUCH, THE 100-YR. 6-HR. STORM VALUE IS 2.20"

LAND TREATMENTS

TREATMENT Q (CFS/AC.) 1.29 2.03 2037 FT²(0.047 AC.) 2.87 4.37 18037 FT²(0.414 AC.)

THE REMAINING 3600 FT2(0.0827 AC.) IS THE CAR WASH WHICH DRAINS BACK ONTO ITSELF TO TRENCH DRAINS.

 $Q_{100} = Q_{PB} A_B + Q_{PD} A_D = 2.03(0.047) + 4.37(0.367) = 1.70 CFS$

THE FLOW THAT TRACT E-1 IS ALLOWED TO DISCHARGE TO EDUCATION PLACE IS 1.50 CFS. THIS AMOUNT WAS ALOTTED FOR THIS AREA IN THE RICHLAND HILLS UNIT ONE DRAINAGE REPORT (C-12/D6, DATED 4-5-94).

STORAGE (FT3)

A SMALL DETTENTION AREA IS DESIGNED FOR THE LANDSCAPED AREA JUST WEST OF THE SOUTHERN DRIVEWAY. THE HYDRAULICS FOR THE POND ARE PRESENTED BELOW.

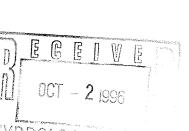
<u>EL (FI)</u> 59.7 60.2 www.Wo 60.55 (MAX. USE) ? ADDITIONAL ACTUAL FLOW --- 1.17 THE POND IS DRAINED WITH A 4" PVC TO THE EDUCATION PLACE GUTTER. THE LOW SPOT @ THE EAST END OF THE POND ACTS AS AN EMERGENCY SPILLWAY @ EL = 61.0. FROM THE AHYMO RUN, Q_{OUT} = 1.45 CFS

MAX EL = 60.68'

THE AHYMO OUTPUT FILE IS INCLUDED FOR REFERENCE.

OUTFLOW (CFS)

TRUJILLO CAR WASH GRADING & DRAINAGE PLAN



DATE

C-12





POND CAPACITY.

4/4/95 830GR02.DWGanw

