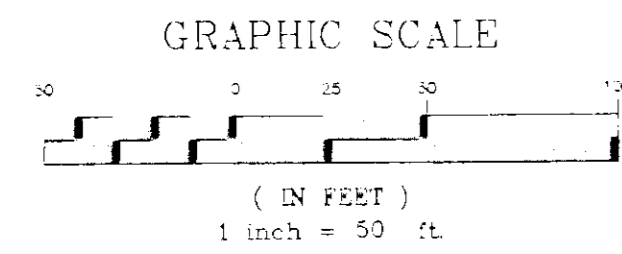


UNITED STATES
AIR FORCE ACADEMY



PROPOSED DETENTION / WATER QUALITY POND
 INFLOW: Q(2)=18.8 CFS
 Q(10)=30.2 CFS
 Q(100)=47.4 CFS
 OUTFLOW: Q(2)=4.3 CFS
 Q(5)=5.9 CFS
 Q(10)=6.9 CFS
 Q(50)=13.4 CFS
 Q(100)=14.1 CFS
 WATER QUALITY VOLUME=0.252 AC-FT
 2-YEAR DET. VOLUME=0.124 AC-FT
 10-YEAR DET. VOLUME=0.139 AC-FT
 100-YEAR DET. VOLUME=0.282 AC-FT

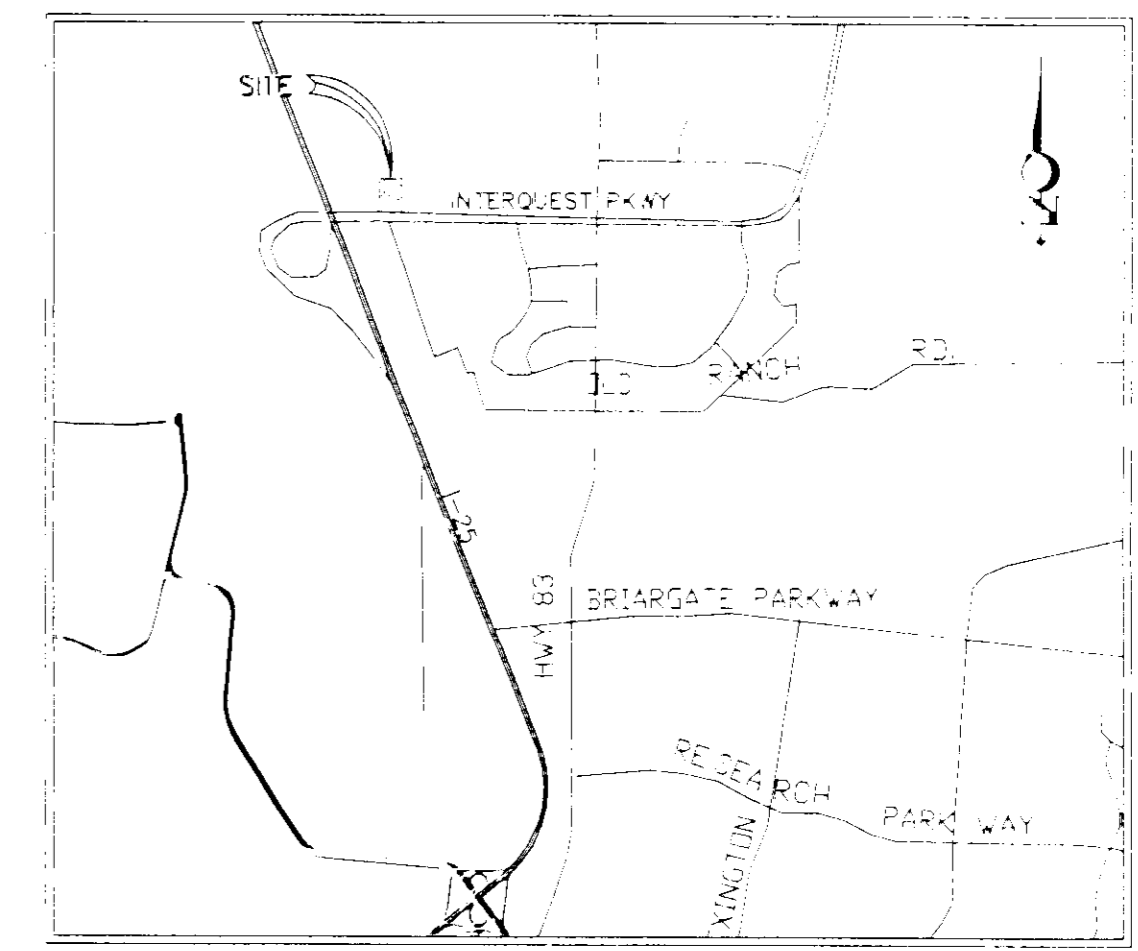
EXISTING ROADSIDE DITCH TO BE MAINTAINED BY CDOT

OUTFALL POND TO ROADSIDE DITCH

INTERQUEST MARKETPLACE PHASE 1

PROPOSED DETENTION POND (BY OTHERS)

INTERQUEST PARKWAY



VICINITY MAP



HYDROLOGY SUMMARY TABLE

SUB BASIN	Q(2) (CFS)	Q(5) (CFS)	Q(10) (CFS)	Q(50) (CFS)	Q(100) (CFS)
PE1	18.2	25.0	29.2	42.6	44.6
PE2	0.6	0.9	1.0	2.7	2.8
DESIGN POINT ID	Q(2) (CFS)	Q(5) (CFS)	Q(10) (CFS)	Q(50) (CFS)	Q(100) (CFS)
P1	18.8	25.9	30.2	45.3	47.4

LEGEND

- SUB-BASIN BOUNDARY
- EXISTING CONTOUR
- EXISTING STORM DRAIN PIPE
- EXISTING INLET
- EXISTING MANHOLE
- FLOW DIRECTION
- DESIGN POINT
- SUB-BASIN DESIGNATION
- SUB-BASIN "C" COEFFICIENTS
- SUB-BASIN AREA (ACRES)
- FLOODPLAIN WAY

REFERENCE DRAWINGS

NO.	DATE	DESCRIPTION	BY
REVISIONS			
BENCHMARK DATA (ELEV.) (DATUM)			
BENCHMARK DATA (ELEV.) (DESCRIPTION/LOCATION)			

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PRELIMINARY
THIS DRAWING HAS NOT BEEN APPROVED BY GOVERNING AGENCIES AND IS SUBJECT TO CHANGE

FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 05.203.001

INTERQUEST

MASTER DEVELOPMENT DRAINAGE PLAN
PROPOSED CONDITIONS
DRAINAGE MAP