

**NOTES:**

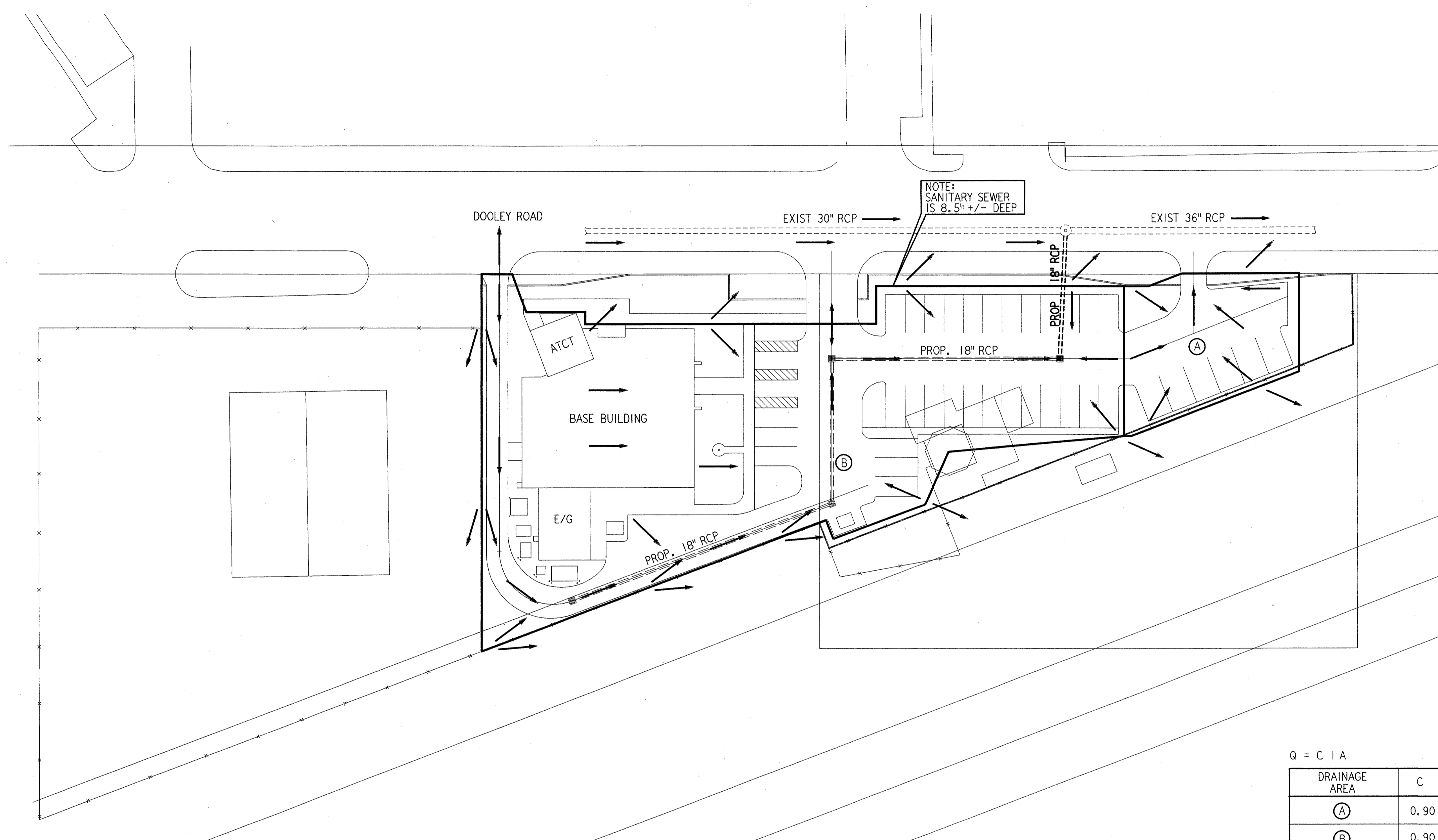
1. DRAINAGE AREA MAP OBTAINED FROM TOWN OF ADDISON - KELLER SPRINGS/DOOLEY ROAD PAVING AND DRAINAGE IMPROVEMENT PLANS.
2. TOPOGRAPHIC SURVEY BY ARS ENGINEERS.

**LEGEND:**

- DRAINAGE AREA BOUNDARY
- DIRECTION OF FLOW
- ▣ GRATE INLET
- Q CALCULATED RUNOFF
- C COEFFICIENT OF RUNOFF
- I RAINFALL INTENSITY
- A AREA IN ACRES
- $t_c$  TIME OF CONCENTRATION (MINUTES)
- iph INCHES PER HOUR
- EXIST EXISTING
- PROP PROPOSED
- RCP REINFORCED CONCRETE PIPE

**RUNOFF CALCULATIONS:**

1. RATIONAL METHOD USED
2. COEFFICIENT OF RUNOFF = 0.9
3. TIME OF CONCENTRATION = 10min
4. RAINFALL INTENSITY = 8.9 iph
5. RUNOFF Q IS IN CUBIC FEET PER SECOND

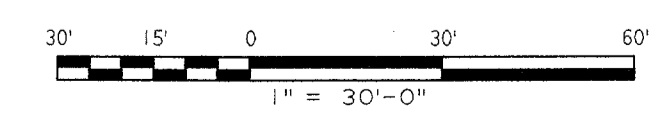


NOTE: SANITARY SEWER IS 8.5' +/- DEEP

$Q = C I A$

DRAINAGE AREA	C	I	A	Q	REMARKS
(A)	0.90	8.9	0.11	0.88	DRAINS OUT DRIVEWAY
(B)	0.90	8.9	0.82	6.57	DRAINS TO GRATE INLET ON SITE

**SITE PLAN**  
1" = 30'



DESIGNED: R. YOUNG REVIEWED: L. POND ORIG. DFT.: J. MILLER FACILITY:		ISSUED BY <b>AIRWAY FACILITIES DIVISION</b>	
DATE: 06-22-01 DRAWING NUMBER: <b>ADS-ATCT-C08</b>		DALLAS, TX	

**DEPARTMENT OF TRANSPORTATION**  
**FEDERAL AVIATION ADMINISTRATION**  
 SOUTHWEST REGION FORT WORTH, TEXAS  
 LOW ACTIVITY LEVEL  
 AIRPORT TRAFFIC CONTROL TOWER  
**DRAINAGE AREA MAP**  
 ADDISON (ADDISON AIRPORT) TEXAS

SUBMITTED: 	APPROVED: 
SYSTEMS ENGINEER, ANI-640	MANAGER TERMINAL PLATFORM, ANI-640

C08

FILENAME: ads\c008.dwt