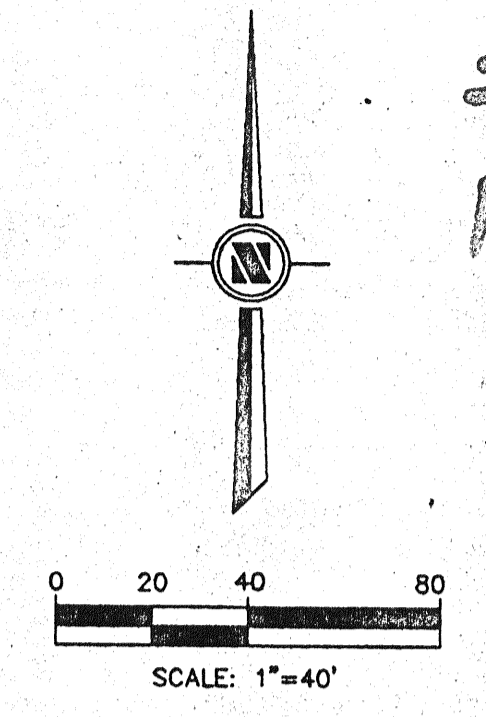


$\Delta=10'43'59''$
 $R=1500.00'$
 $L=280.99'$
 $T=140.90'$
 $C=280.57'$
 $CB=N67'42'42''E$

$\Delta=28'16'00''$
 $R=400.00'$
 $L=197.34'$
 $T=100.72'$
 $C=195.34'$
 $CB=N76'28'43''E$

$\Delta=90'11'40''$
 $R=30.00'$
 $L=47.23'$
 $T=30.10'$
 $C=42.50'$
 $CB=N45'44'28''E$



A-2-Buildings
 Town Homes of Addison

COURTYARD DRAINS FOR DRAINAGE AREA 1 TO BE INSTALLED BY OTHERS - SEE LANDSCAPE PLANS

15" DIA ADS PIPE PRIVATE BY HOA

1-2'X3' SURFACE GRATE INLET PRIVATE BY HOA

HUIE ADDISON ADDITION
 VOL. 84194, PG. 2175
 D.R.D.Co.,Tx.

SURFACE DRAINAGE CALCULATIONS

DA	C	I ₁₀₀ (in/hr)	A (acres)	Q ₁₀₀ (cfs)
1	0.80	8.74	1.86	12.98
2	0.80	8.74	1.61	11.25
3	0.80	8.74	2.79	19.51
4	0.80	8.74	1.33	10.70
5	0.80	8.74	0.191	1.34
6	0.80	8.74	0.98	6.85
7	0.80	8.74	1.47	10.28
8	0.80	8.74	0.14	0.98
9	0.80	8.74	0.25	1.75

LEGEND

DRAINAGE DIVIDE
 FLOW ARROWS

AREA NO.
 AREA
 DISCHARGE

STORMWATER RUNOFF DESIGN CRITERIA

C= 0.80
 I= 8.74
 Tc = 10 min

NOTE:
 THESE DOCUMENTS &/OR SPECIFICATIONS MAY BE USED FOR PURPOSES AS INDICATED BELOW

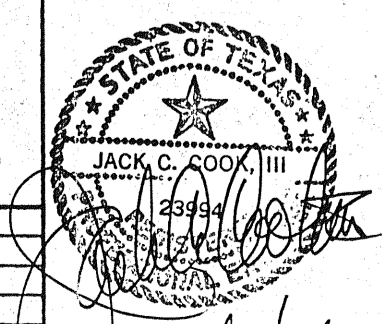
<input type="checkbox"/> COORDINATION & OR PRELIMINARY	<input checked="" type="checkbox"/> PERMITTING
<input type="checkbox"/> BIDDING ONLY	<input checked="" type="checkbox"/> CONSTRUCTION

UNDER THE AUTHORITY OF JACK C. COOK III
 PROFESSIONAL ENGINEER
 THESE DRAWINGS TO BE USED FOR PERMIT OR CONSTRUCTION ARE VALID ONLY IF BEARING THE ENGINEER'S SEAL AND SIGNATURE AND EXPIRE DATE.

BENCHMARK:
 TOP OF OPERATING NUT ON FIRE HYDRANT,
 433' WEST AND 15' SOUTH OF S.E. CORNER
 OF PROPERTY.
 ELEVATION 606.35

4
14

Cook Consultants, Inc.
 CIVIL AND STRUCTURAL ENGINEERING
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 [214] 387-1890 • 1-800-545-8093 • fax [214] 387-8210



**DRAINAGE AREA MAP
 TOWN HOMES OF ADDISON**

**DEPARTMENT OF PUBLIC WORKS
 TOWN OF ADDISON, TEXAS**

REV. NO.	PROJ. NO.	DESCRIPTION	DATE	DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
1		REV. PER CITY COMMENTS	5/21/98							
2		CITY COMMENTS	4/29/98							
3		REVISED STORM SEWER	4/25/98							
4		MOVED LOT LINE	2/15/96							

PROJECT NO. 81215-35
 DATE: 6/10/98
 DESIGN: LD
 DRAWN: LAC
 DATE: 10/25/95
 SCALE: 1"=40'
 NOTES: CCI
 FILE: LD
 NO.: 1