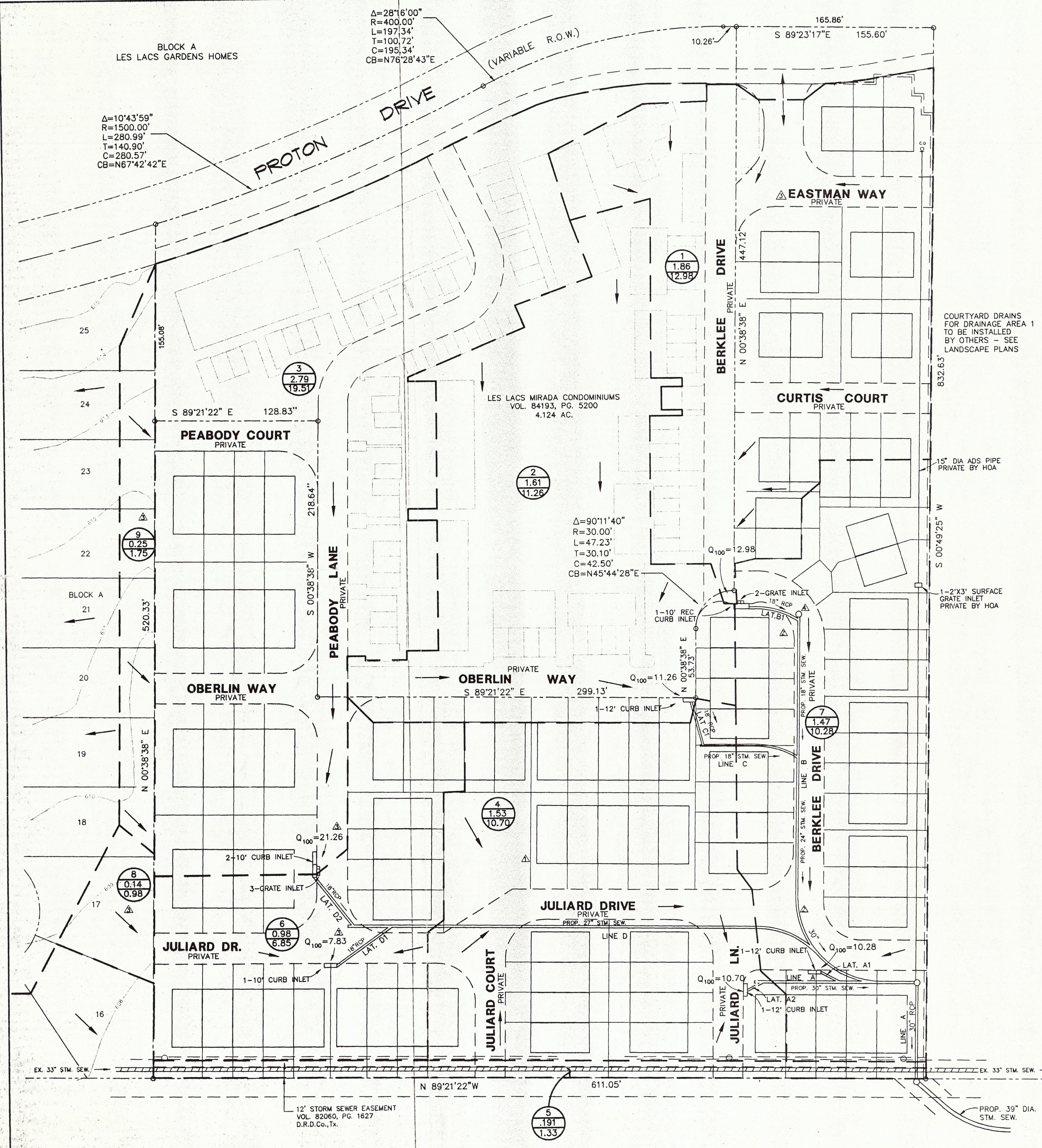

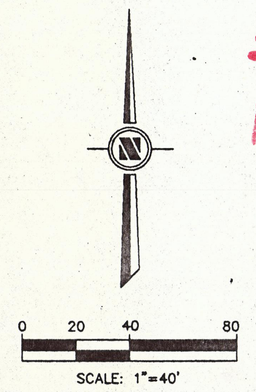

A2-Brits Town Homes of Addison 1-2

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 →

5 / 3.05 / 21.32 AREA NO. / AREA / DISCHARGE

STORMWATER RUNOFF DESIGN CRITERIA

C= 0.80
I= 8.74
Tc =10 min

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

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

☐ COORDINATION & OR PRELIMINARY ☑ PERMITTING
☐ BIDDING ONLY ☑ 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 PROFESSIONAL'S SEAL AND SIGNATURE (NOT COPIES) AND DATED.

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STATE OF TEXAS
JACK C. COOK III
29194
REGISTERED PROFESSIONAL ENGINEER

⚠	REV. PER CITY COMMENTS	5/21/96
⚠	CITY COMMENTS	4/29/96
⚠	REVISED STORM SEWER	4/25/96
⚠	MOVED LOT LINE	2/15/96

DATE: 6/10/96
PROJECT NO. 81215-35

DRAINAGE AREA MAP
TOWN HOMES OF ADDISON
DEPARTMENT OF PUBLIC WORKS
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES,	FILE	NO.
LD	LAC	10/25/95	1"=40'	CCI		