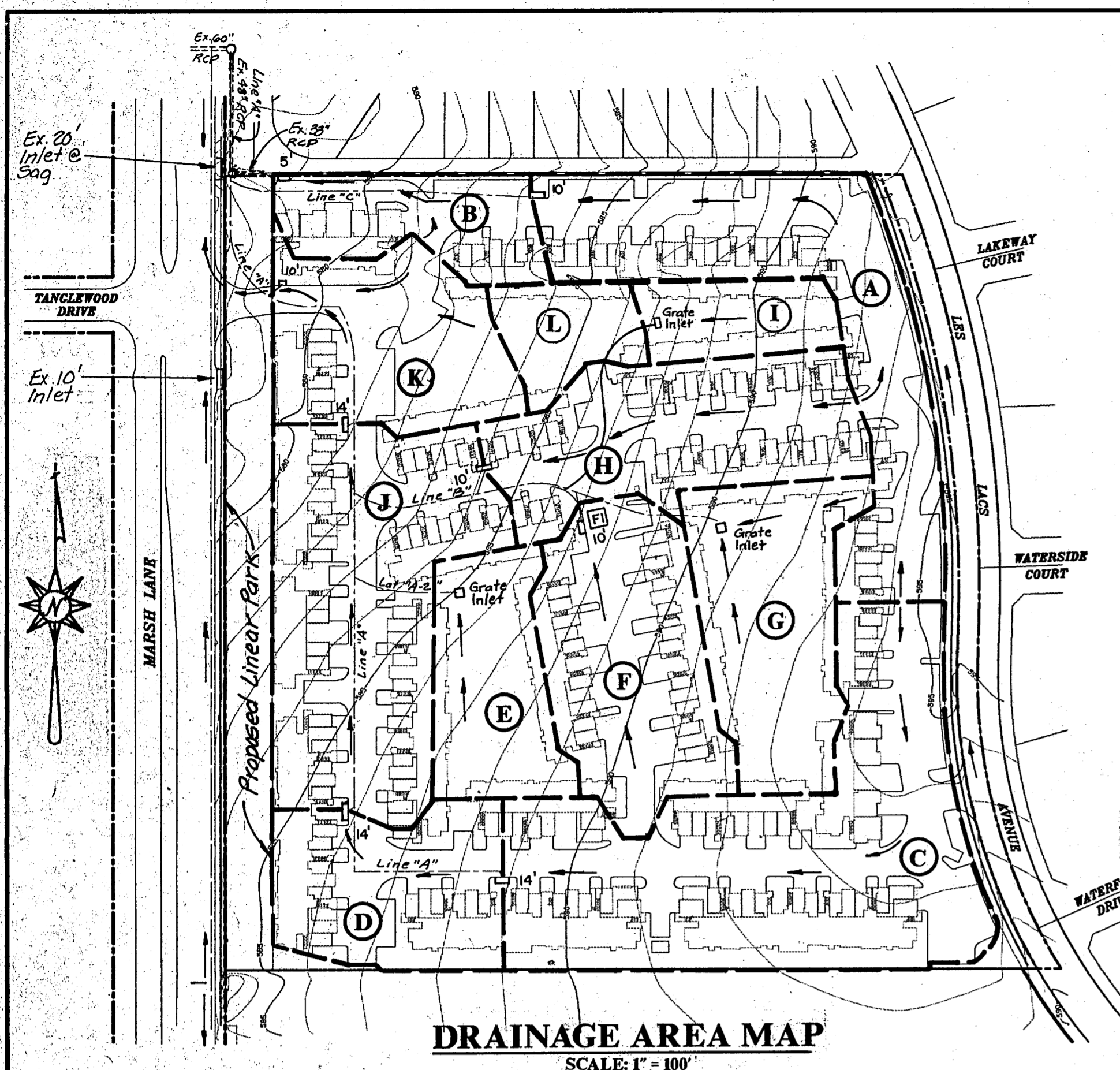


REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
1	01/20/94	Move Inlet	BVD	CLS

STORM SEWER CURVE DATA				
NO.	DELTA	RADIUS	TANGENT	LENGTH
1	80°50'55"	70'	109.95'	
2	30°00'00"	100'	26.79'	52.36'
3	30°56'06"	70'	25.43'	48.79'
4	30°00'00"	70'	11.76'	36.65'
5	18°25'08"	70'	18.35'	22.50'
6	17°25'08"	70'	10.72'	21.28'
7	30°00'00"	100'	26.79'	52.36'
8	30°00'00"	70'	11.76'	36.65'
9	50°10'24"	70'	32.77'	61.30'
10	13°49'05"	70'	8.48'	16.88'

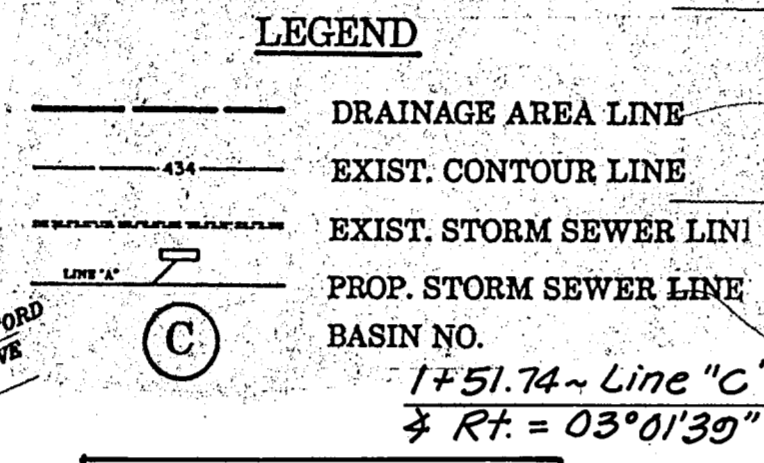
DRAINAGE CALCULATIONS					
REGION	AREA (ac)	tc (min)	C	I _h (in/hr)	Q _h (cfs)
A	1.2	10	0.80	8.74	8.4
B	0.42	10	0.80	8.74	2.9
C	1.9	10	0.80	8.74	13.4
D	0.66	10	0.80	8.74	4.6
E	0.58	10	0.80	8.74	4.1
F	0.90	10	0.80	8.74	6.3
G	0.81	10	0.80	8.74	5.7
H	0.90	10	0.80	8.74	6.3
I	0.30	10	0.80	8.74	2.1
J	1.33	10	0.80	8.74	9.3
K	0.70	10	0.80	8.74	4.9
L	0.24	10	0.90	8.14	1.9



DRAINAGE AREA MAP
SCALE: 1" = 100'

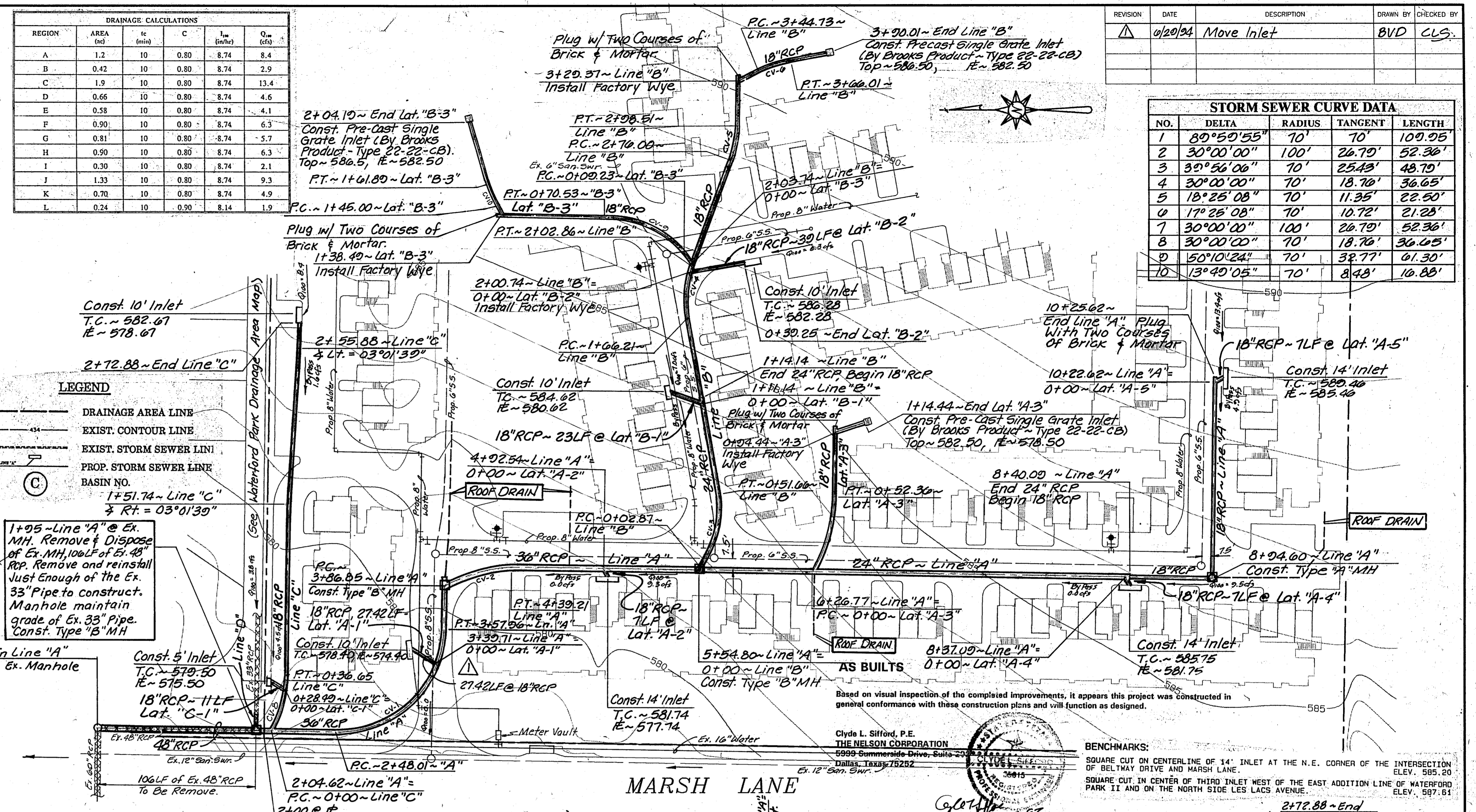
DRAINAGE GENERAL NOTES:

- Unless otherwise noted all material and construction shall conform to the applicable specifications of the Town of Addison with amendments, the North Central Council of Governments "Standard Specifications for Public Works Construction", Parts II and III, latest edition.
- All reinforcement will be grade 60.
- Minimum compaction adjacent to and above storm sewers and drainage structures will be 95% with moisture 1% to 3% wet of optimum in all firelanes. Compaction in other areas will be 90%. Lifts will not exceed 6" and results will be obtained by Ramex, hand-tamping or as approved in writing by the owner's representative.
- All curved storm sewers having a radius of less than 200 feet shall be constructed with factory beveled joints. No joint will be allowed to have a tongue exposed by more than one-half.
- Contractor will be responsible for field verifying the location of all existing utilities prior to his operations.
- All concrete will have a minimum compression strength of 3000 psi at 28 days.
- Drainage area L will be picked up by deck drains. See roof drain plans.
- Install storm sewer and appropriate roof drains prior to paving.
- Refer to roof drain plan for details of Type "A" and "B" manholes.



1+51.74~Line "C"
Rt = 03°01'39"

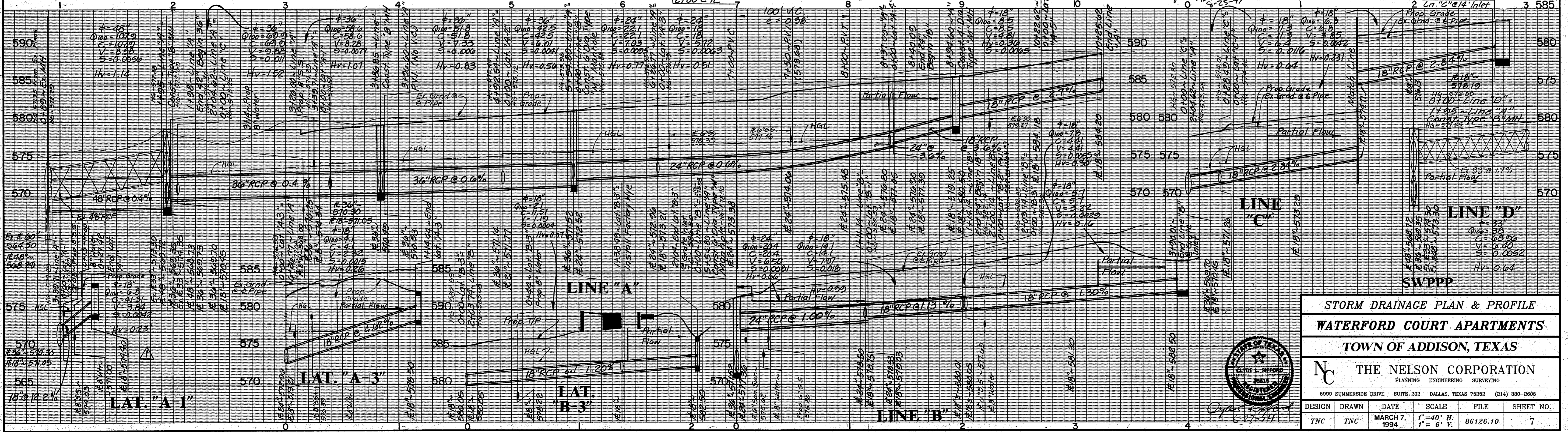
1+95~Line "A" @ Ex. MH. Remove & Dispose of Ex. MH. 100' LF of Ex. 48" RCP. Remove and reinstall just enough of the Ex. 33" pipe to construct. Manhole maintain grade of Ex. 33" pipe. Const. Type "B" MH



Based on visual inspection of the completed improvements, it appears this project was constructed in general conformance with these construction plans and will function as designed.



BENCHMARKS:
 SQUARE CUT ON CENTERLINE OF 34" INLET AT THE N.E. CORNER OF THE INTERSECTION OF BELTWAY DRIVE AND MARSH LANE. ELEV. 585.20
 SQUARE CUT IN CENTER OF THIRD INLET WEST OF THE EAST ADDITION LINE OF WATERFORD PARK II AND ON THE NORTH SIDE LES LACS AVENUE. ELEV. 587.84



STORM DRAINAGE PLAN & PROFILE
WATERFORD COURT APARTMENTS
 TOWN OF ADDISON, TEXAS

THE NELSON CORPORATION
 PLANNING ENGINEERING SURVEYING

6999 SUMMERSIDE DRIVE SUITE 202 DALLAS, TEXAS 75226 (214) 360-2606

DESIGN	DRAWN	DATE	SCALE	FILE	SHEET NO.
TNC	TNC	MARCH 7, 1994	1" = 40' H. 1" = 6' V.	86126.10	7