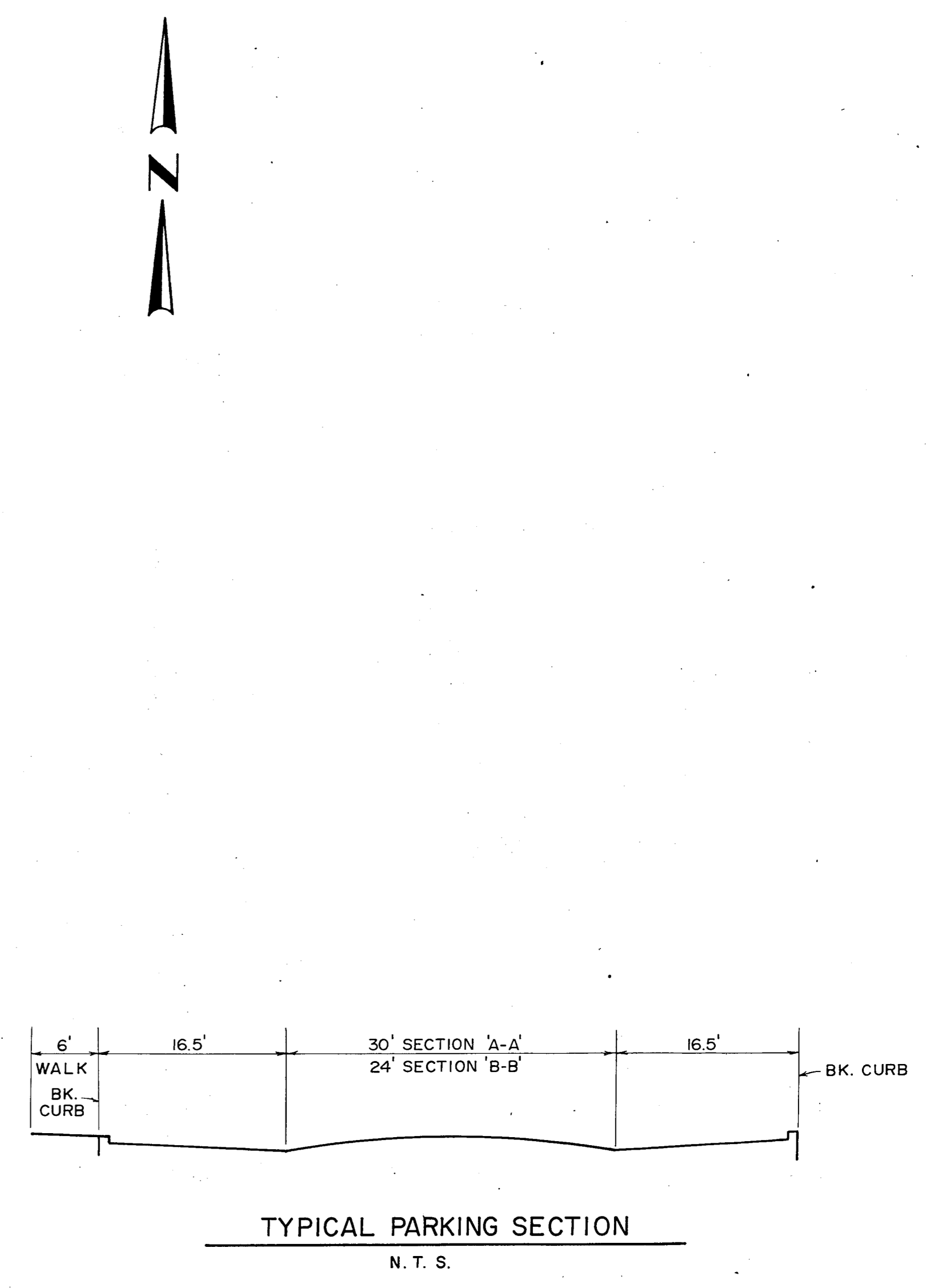


CURVE DATA	
CUR. 1	$\Delta = 19^{\circ}11'51''$ $R = 89.93'$ $T = 151.35'$ $L = 299.85'$
CUR. 2	$\Delta = 10^{\circ}26'53''$ $R = 104.93'$ $T = 92.80'$ $L = 185.08'$
CUR. 3	$\Delta = 6^{\circ}14'12''$ $R = 662.11'$ $T = 36.07'$ $L = 72.07'$
CUR. 4	$\Delta = 13^{\circ}48'21''$ $R = 590.88'$ $T = 77.54'$ $L = 142.38'$
CUR. 5	$\Delta = 34^{\circ}34'18''$ $R = 387.50'$ $T = 120.59'$ $L = 233.81'$
CUR. 6	$\Delta = 3^{\circ}44'54''$ $R = 387.50'$ $T = 12.68'$ $L = 25.35'$
CUR. 7	$\Delta = 83^{\circ}58'56''$ $R = 67.80'$ $T = 60.76'$ $L = 98.94'$
CUR. 8	$\Delta = 19^{\circ}28'34''$ $R = 100.00'$ $T = 17.16'$ $L = 33.92'$
CUR. 9	$\Delta = 1^{\circ}48'27''$ $R = 590.88'$ $T = 9.32'$ $L = 18.64'$
CUR. 10	$\Delta = 34^{\circ}20'49''$ $R = 280.00'$ $T = 86.53'$ $L = 167.85'$
CUR. 11	$\Delta = 4^{\circ}54'31''$ $R = 280.00'$ $T = 12.00'$ $L = 23.98'$
CUR. 12	$\Delta = 28^{\circ}45'20''$ $R = 650.00'$ $T = 166.62'$ $L = 326.22'$
CUR. 13	$\Delta = 57^{\circ}42'46''$ $R = 42.50'$ $T = 23.42'$ $L = 42.81'$
CUR. 14	$\Delta = 39^{\circ}20'37''$ $R = 112.50'$ $T = 40.22'$ $L = 77.25'$
CUR. 15	$\Delta = 21^{\circ}30'02''$ $R = 112.50'$ $T = 21.36'$ $L = 42.22'$
CUR. 16	$\Delta = 4^{\circ}46'26''$ $R = 894.93'$ $T = 37.31'$ $L = 74.58'$
CUR. 17	$\Delta = 4^{\circ}10'34''$ $R = 894.93'$ $T = 32.63'$ $L = 65.23'$
CUR. 18	$\Delta = 19^{\circ}26'39''$ $R = 145.92'$ $T = 25.00'$ $L = 49.92'$
CUR. 19	$\Delta = 21^{\circ}30'02''$ $R = 125.00'$ $T = 23.73'$ $L = 46.91'$
CUR. 20	$\Delta = 60^{\circ}55'22''$ $R = 100.00'$ $T = 86.81'$ $L = 106.33'$



NOTE: PLANWORK BASED ON SURVEY BY HAROLD W. ROBERTSON R.P.S.



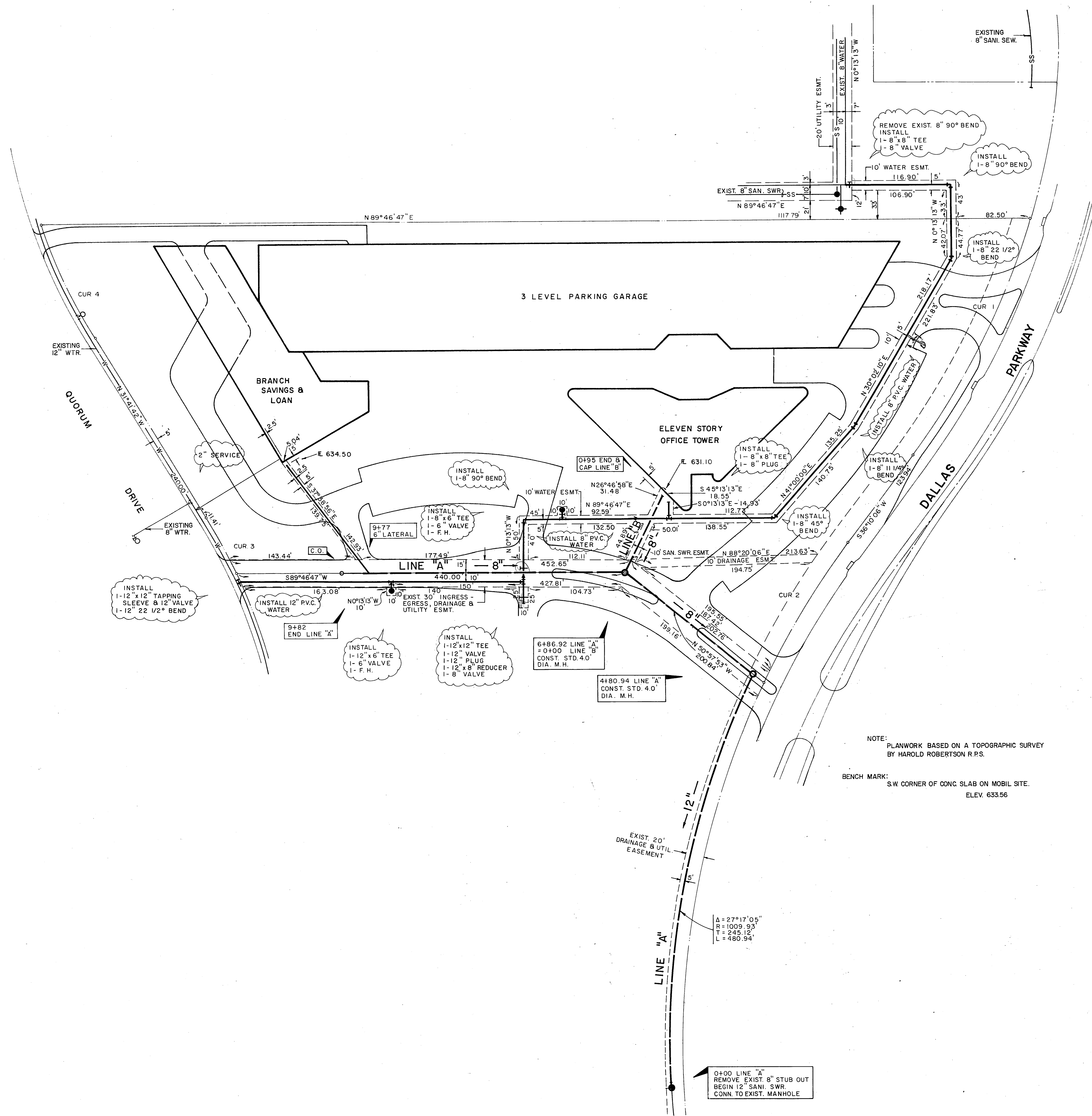
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2-7723



CURVE TABLE

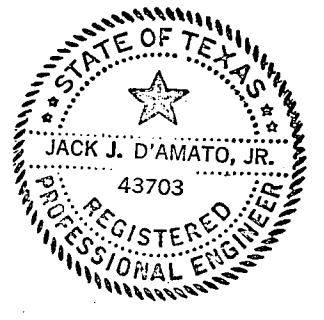
CURVE	Δ	R	T	L
CUR. 1	19° 11' 51"	894.93'	151.35'	299.85'
CUR. 2	10° 26' 53"	1014.93'	92.80'	185.08'
CUR. 3	6° 14' 12"	662.11'	36.07'	72.07'
CUR. 4	13° 48' 21"	590.88'	77.54'	142.38'

GENERAL NOTES FOR WATER AND SEWER

- All sanitary sewer lines shall be PVC pipe SDR 35 as per ASTM 3033 & 3034 Class B-1 embedment.
- Provide a water stop at sanitary manhole. All manholes to be cast-in-place.
- All water mains shall be PVC SDR 18 (blue brute with wire tracers). Tracer to be #12 insulated copper.
- All water mains shall have minimum cover below finished grades or deeper if required to clear other utilities as follows:
12" - 5' cover
8" - 4' cover
- All fire hydrants shall be Mueller Centurion.
- All gate valves shall be Mueller or approved equal.
- Streamer nozzles on fire hydrants shall be 18" above the top of curb, or finished grade, and shall face the centerline of the street. Fire hydrants shall usually be located 3 feet, but not less than 2 feet, or more than 5 feet behind the curb.
- Water main installations shall conform to the minimum requirements of the Texas State Department of Health rules and regulations covering plans and specifications for Public Waterworks Projects.
- Bedding for water lines shall be sand 6" below pipe to 6" above top of pipe.
- All construction within easements and rights of way belonging to the City of Addison and/or any construction for which the City must assume maintenance responsibility shall conform to the City of Addison standard specifications for construction.
- All Fire Hydrants, Manhole Castings, and Cleanouts shall be adjusted to final paving grades by Utility Contractor.
- All ditches shall be water jetted. Where ditches cross paved areas, they shall be tamped and compacted. All trench backfill shall be compacted as required by the City, but in no case shall the top 12" be compacted to less than 90% A.S.H.O. density, with the remainder of the trench being compacted to that of adjoining soil conditions.
- 5' of sewer lateral pipe shall be encased where it crosses water main.

NOTE: PLANWORK BASED ON A TOPOGRAPHIC SURVEY BY HAROLD ROBERTSON R.P.S.

BENCH MARK: S.W. CORNER OF CONC. SLAB ON MOBIL SITE. ELEV. 633.56



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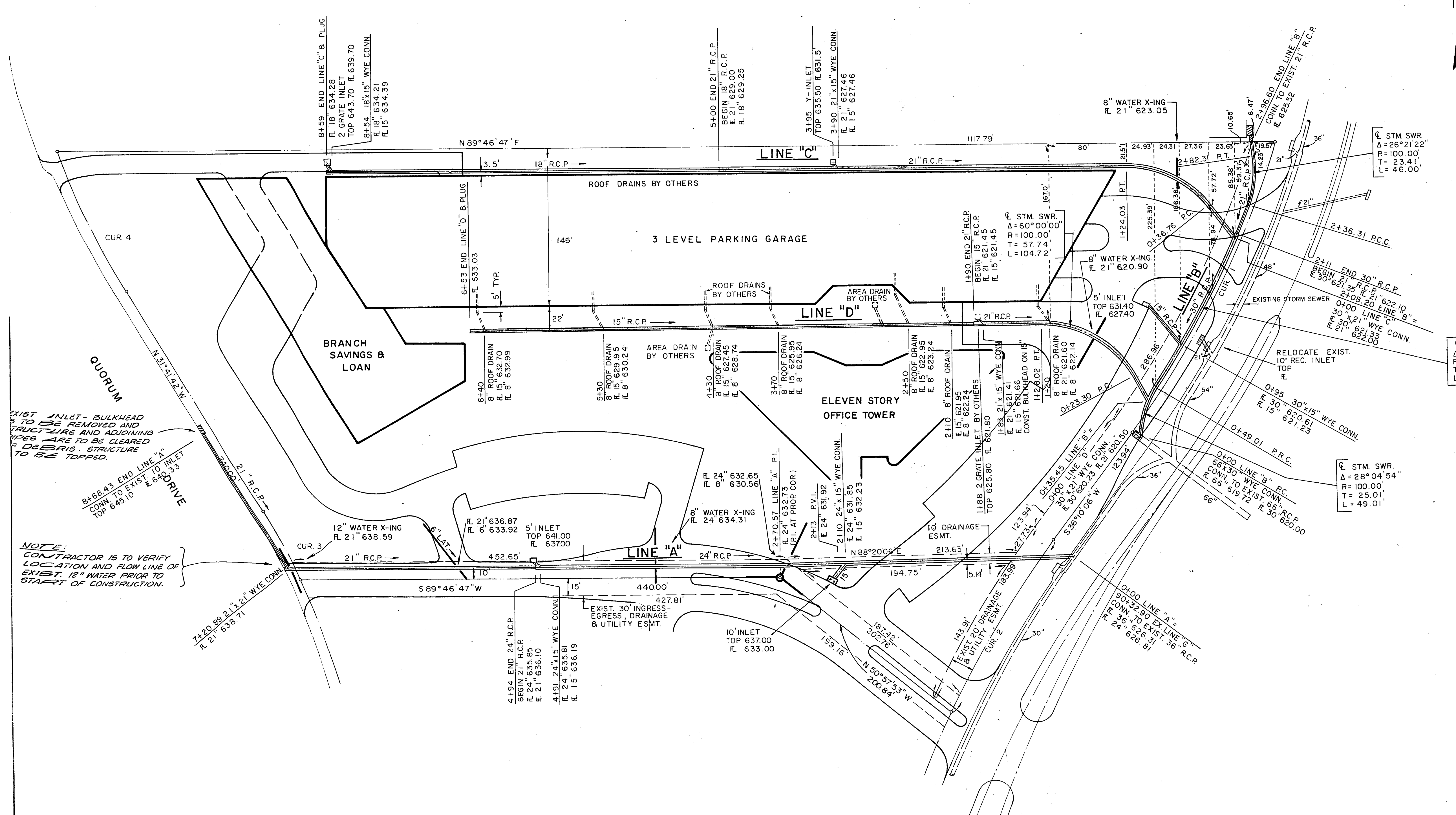
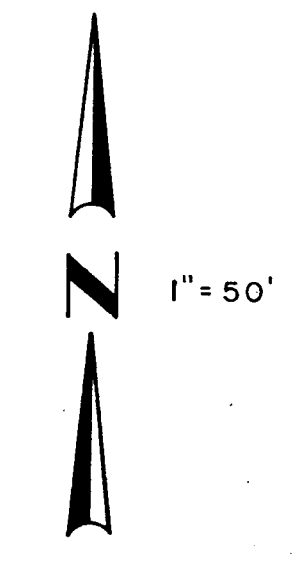


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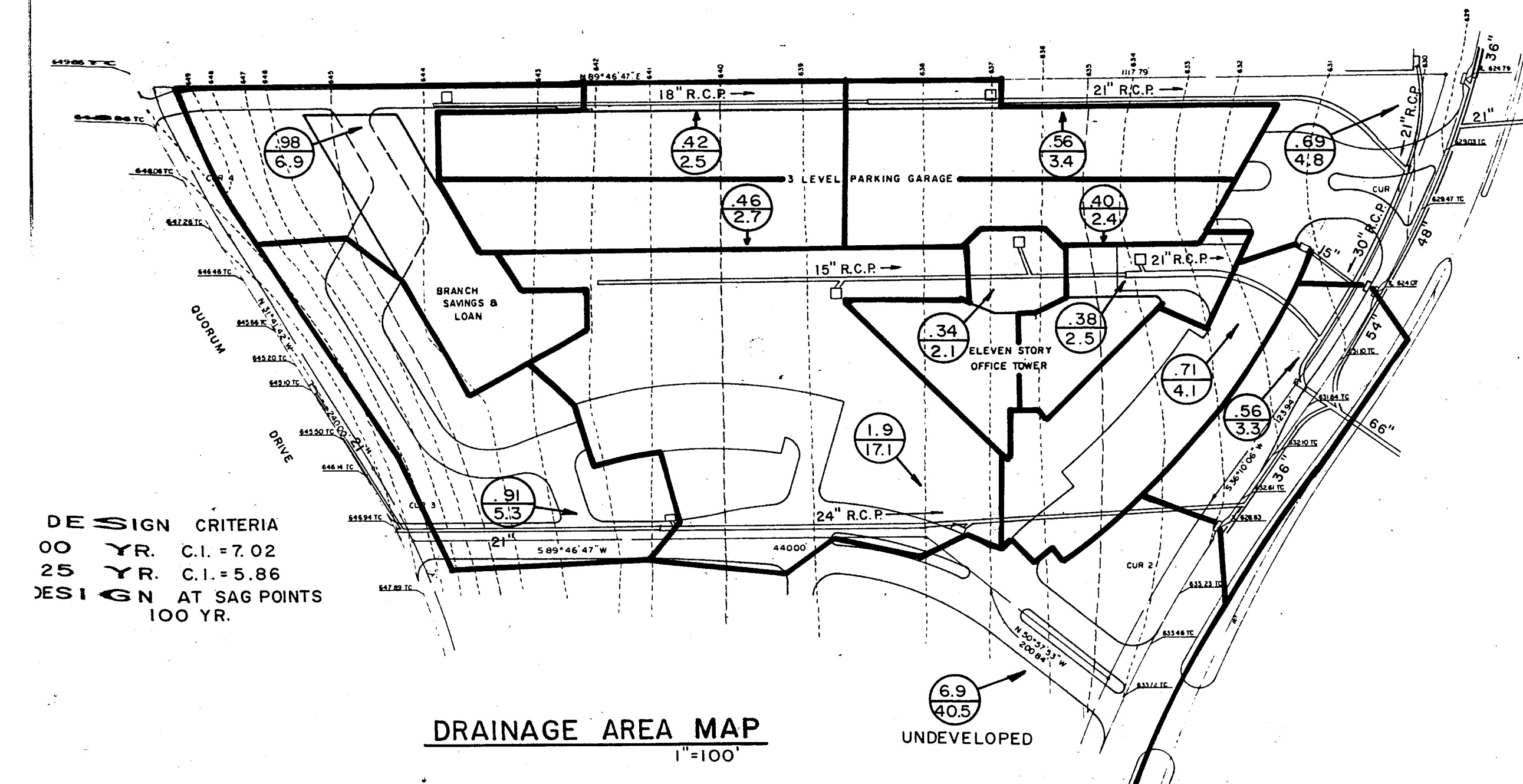
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277143



EXIST. INLET - BULKHEAD TO BE REMOVED AND STRUCTURES AND ADJOINING WALLS ARE TO BE CLEARED OF DEBRIS. STRUCTURE TO BE TOPPED.

NOTE: CONTRACTOR IS TO VERIFY LOCATION AND FLOW LINE OF EXIST. 12" WATER PRIOR TO START OF CONSTRUCTION.

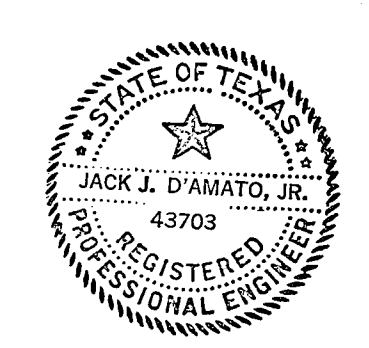


DESIGN CRITERIA
 00 YR. C.I. = 7.02
 25 YR. C.I. = 5.86
 DESIGN AT SAG POINTS
 100 YR.

Drainage Area Map
 1" = 100'

NOTE: PLANWORK BASED ON A TOPOGRAPHIC SURVEY BY HAROLD W. ROBERTSON R.P.S.

BENCH MARK: S.W. CORNER OF CONC. SLAB ON MOBIL SITE ELEV. 633.56



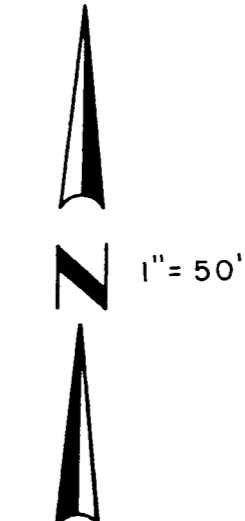
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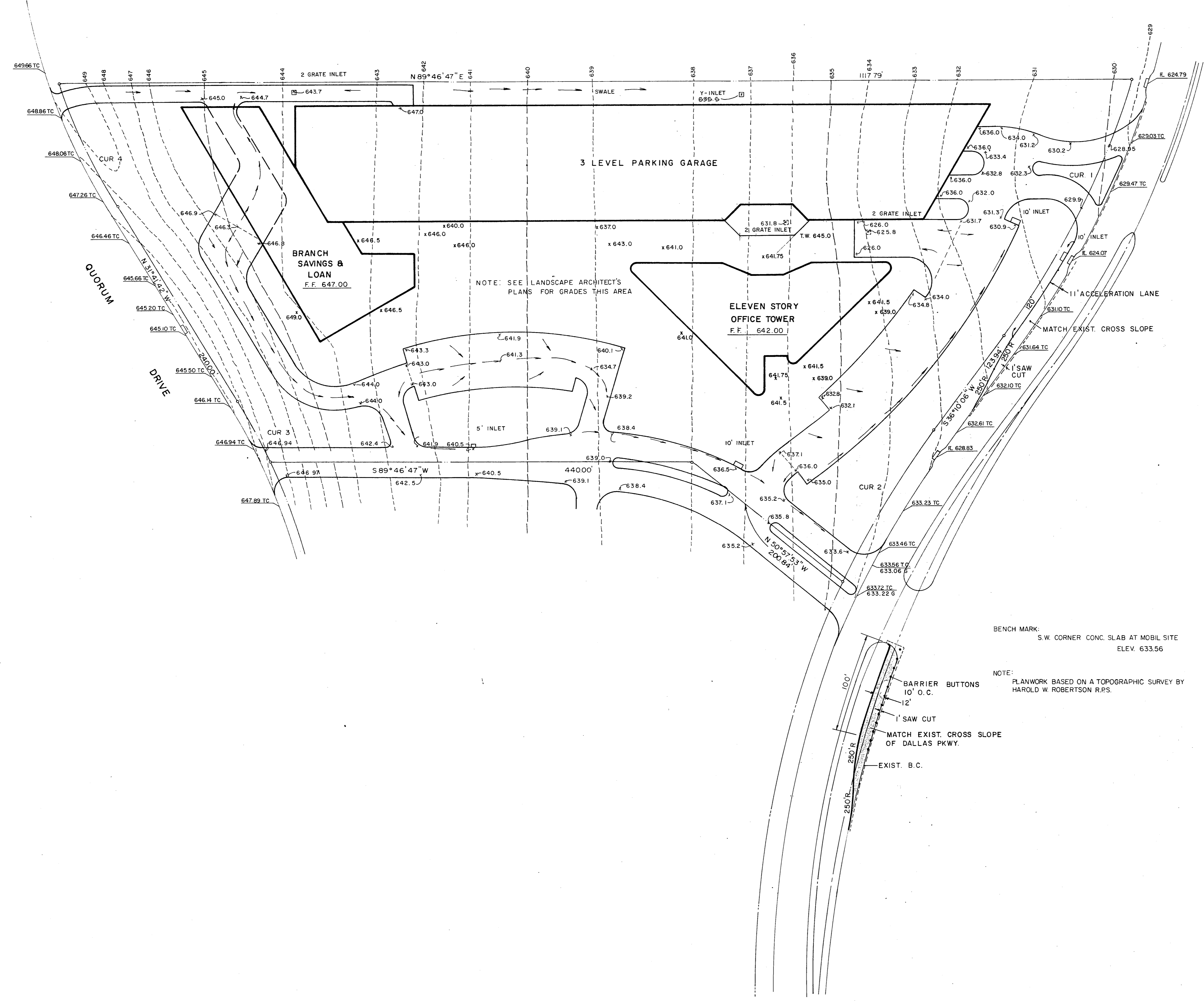
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job no.
 277443



CURVE TABLE	
CUR. 1	$\Delta = 10^{\circ}11'51"$ R = 894.93 T = 151.35' L = 299.85'
CUR. 2	$\Delta = 10^{\circ}26'53"$ R = 1014.93 T = 92.90' L = 185.08'
CUR. 3	$\Delta = 6^{\circ}14'12"$ R = 662.11' T = 36.07' L = 72.07'
CUR. 4	$\Delta = 13^{\circ}48'21"$ R = 590.88' T = 77.54' L = 142.38'



BENCH MARK:
S.W. CORNER CONC. SLAB AT MOBIL SITE
ELEV. 633.56

NOTE:
PLANWORK BASED ON A TOPOGRAPHIC SURVEY BY
HAROLD W. ROBERTSON R.P.S.

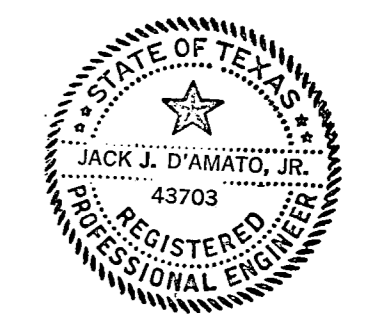
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Dallas, Texas 75204

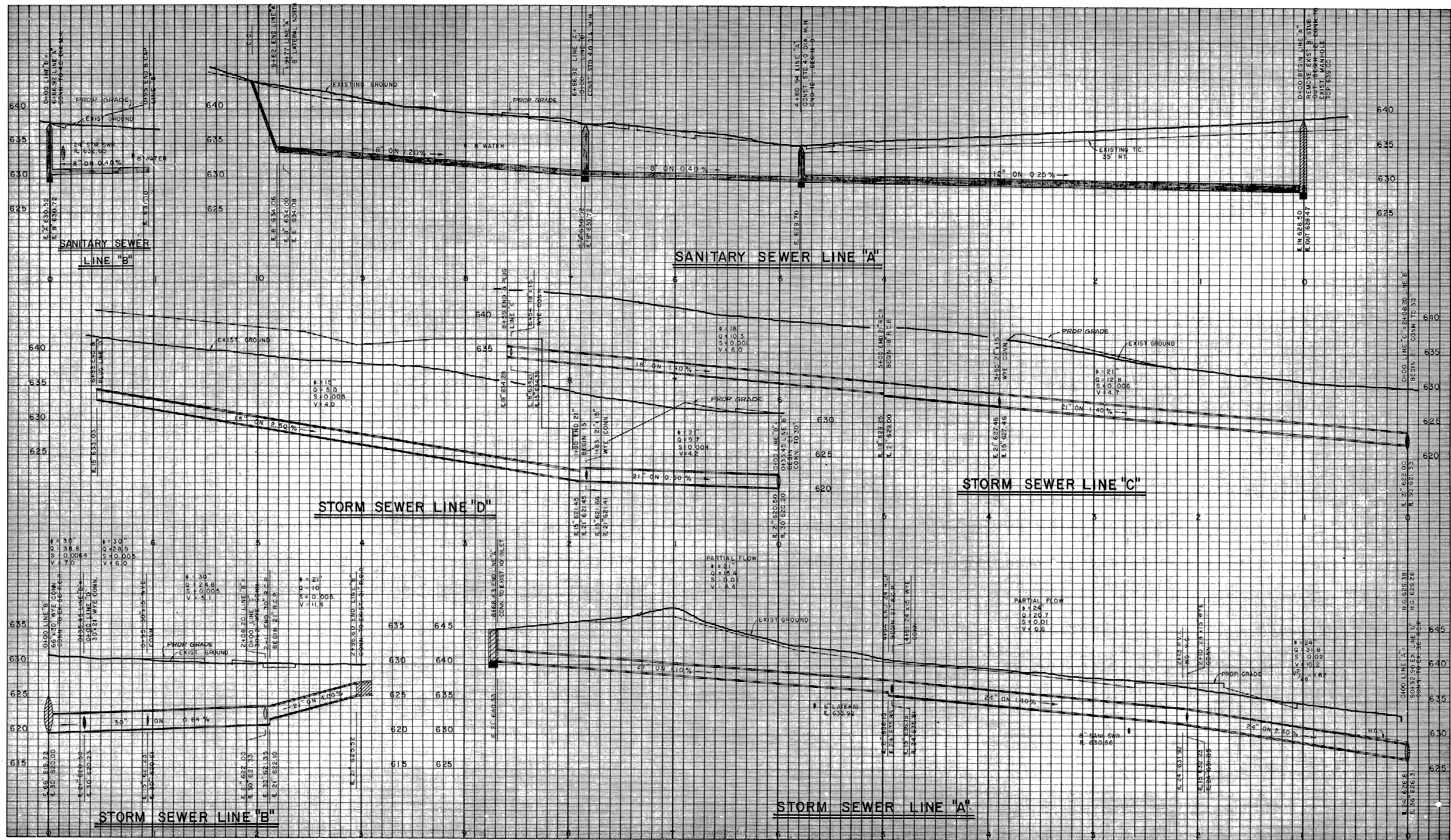
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BENCHMARK
S.W. CORNER CONC. SLAB AT MOBIL SITE
ELEV. 633.56

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