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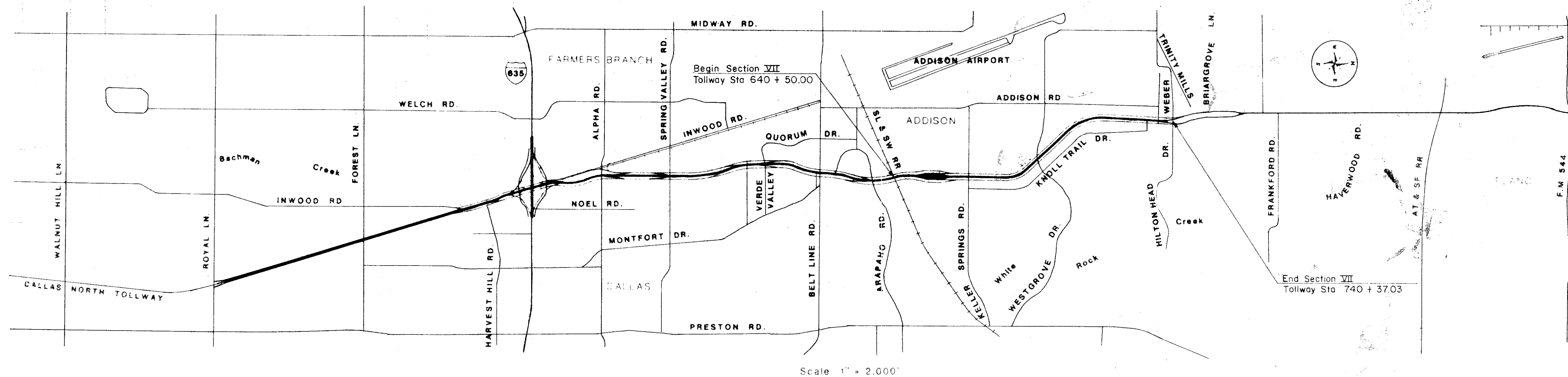
NO.	TITLE
1	TITLE SHEET
2	WATER & SANITARY SEWER RELOCATIONS STA 640+50 TO STA 644+00
3	WATER & SANITARY SEWER RELOCATIONS STA 644+00 TO STA 652+00
4	WATER & SANITARY SEWER RELOCATIONS STA 652+00 TO STA 662+00
5	WATER & SANITARY SEWER RELOCATIONS STA 662+00 TO STA 674+00
6	WATER & SANITARY SEWER RELOCATIONS STA 674+00 TO STA 685+00
7	WATER & SANITARY SEWER RELOCATIONS STA 685+00 TO STA 697+00
8	WATER & SANITARY SEWER RELOCATIONS STA 708+00 TO STA 719+00

DALLAS TURNPIKE AUTHORITY

CONTRACT NO. DNT

**UTILITY ADJUSTMENTS
AND RELOCATIONS**
SECTION
VII

DALLAS NORTH TOLLWAY



PRELIMINARY
JUL 05 1984

Approved by:
TOWN OF ADDISON

Prepared by:
GIBBS & HILL, INC./BRIDGEFARMER & ASSOCIATES, INC.

Recommended by:
HOWARD, NEEDLES, TAMMEN & BERGENOFF

Recommended by:
TEXAS TURNPIKE AUTHORITY

Approved by:
TEXAS TURNPIKE AUTHORITY

Date: _____

Date: _____

Engineer In Charge

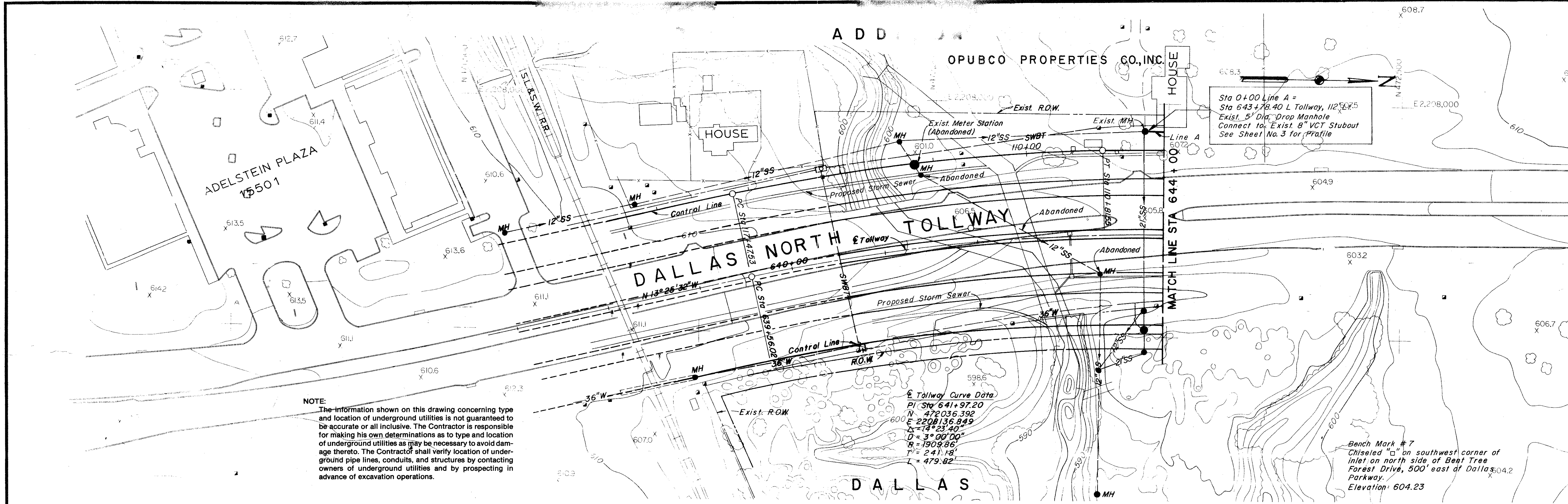
Date: _____

Director Engineering & Maintenance

Date: _____

Engineer Manager

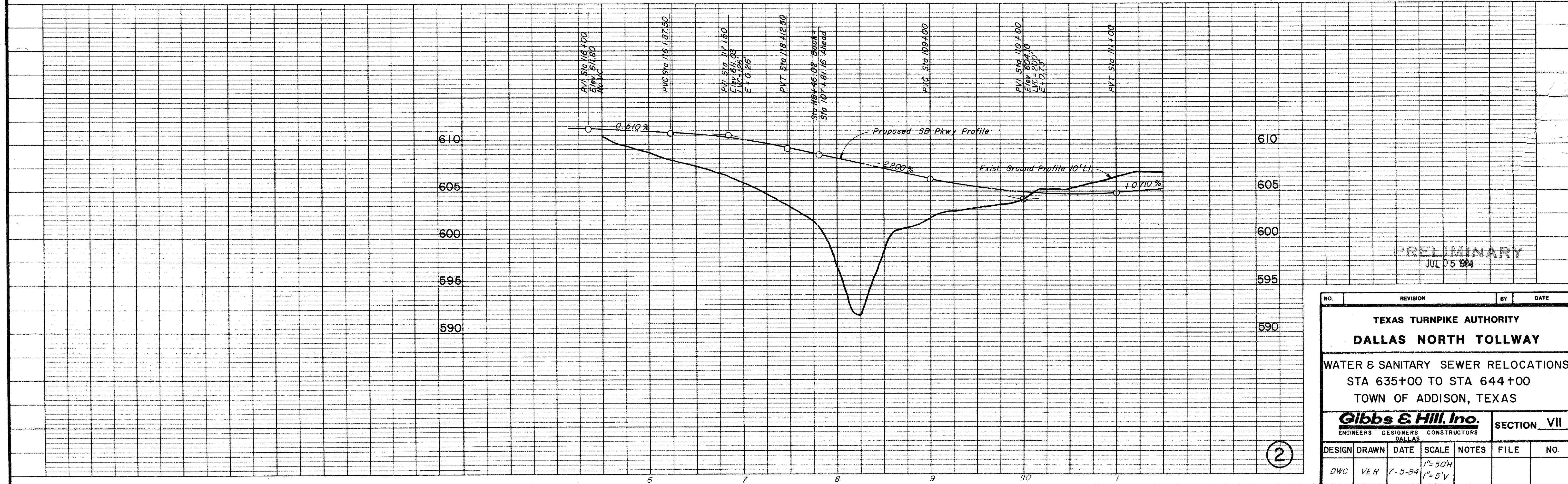
Date: _____



NOTE:
 The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.

Tollway Curve Data
 PI Sta 641+97.20
 N 47°03'36.392"
 E 220°13'36.849"
 L = 14°23'40"
 D = 3°00'00"
 R = 1909.86'
 T = 241.18'
 L = 479.82'

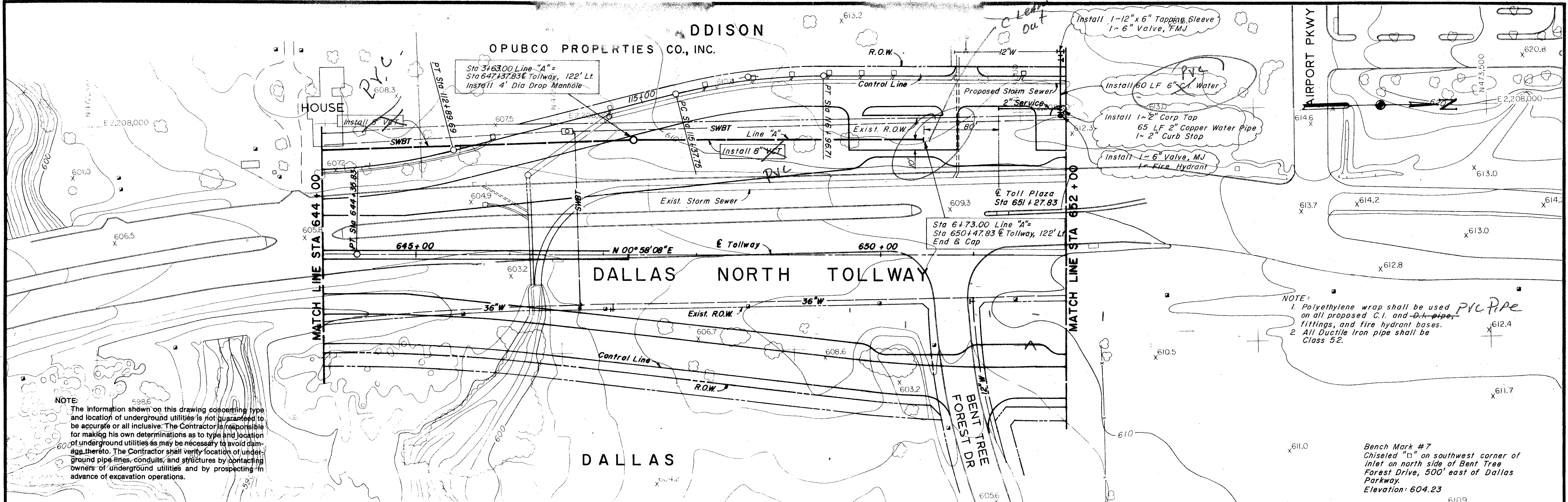
Bench Mark #7
 Chiseled "b" on southwest corner of
 infer on north side of Bent Tree
 Forest Drive, 500' east of Dallas
 Parkway.
 Elevation: 604.23



PRELIMINARY
 JUL 05 1984

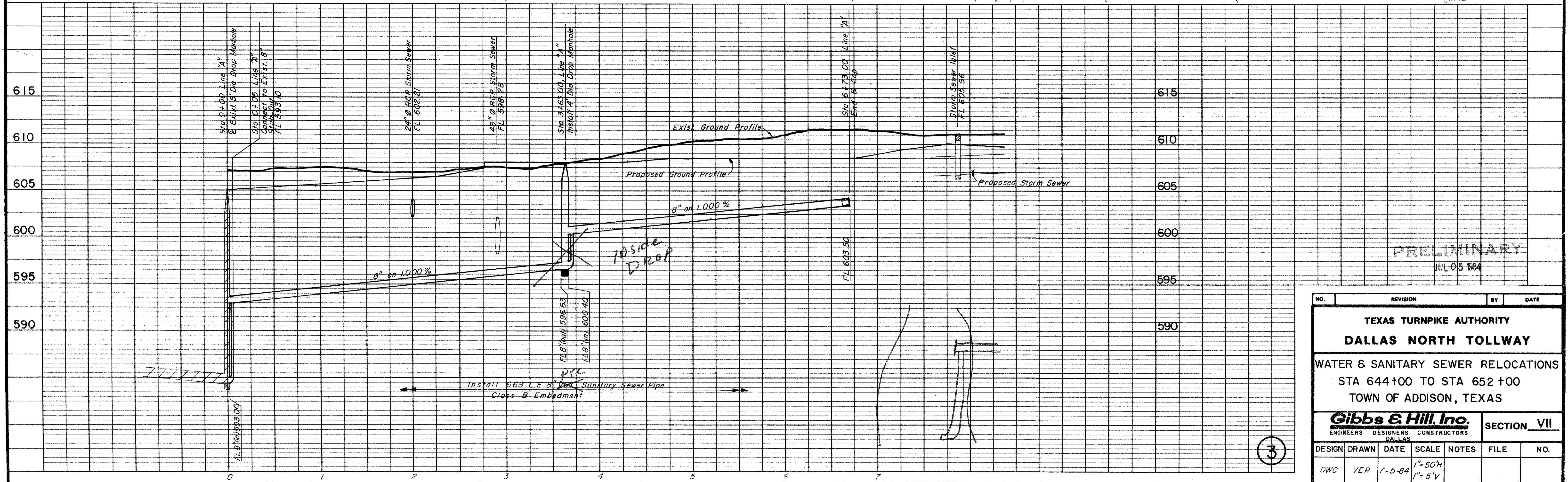
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
WATER & SANITARY SEWER RELOCATIONS STA 635+00 TO STA 644+00 TOWN OF ADDISON, TEXAS			
Gibbs & Hill, Inc. <small>ENGINEERS DESIGNERS CONSTRUCTORS</small> DALLAS			SECTION VII
DESIGN	DRAWN	DATE	SCALE
DWC	VER	7-5-84	1"=50'H 1"=5'V
NOTES	FILE	NO.	

2



NOTE:
 The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.

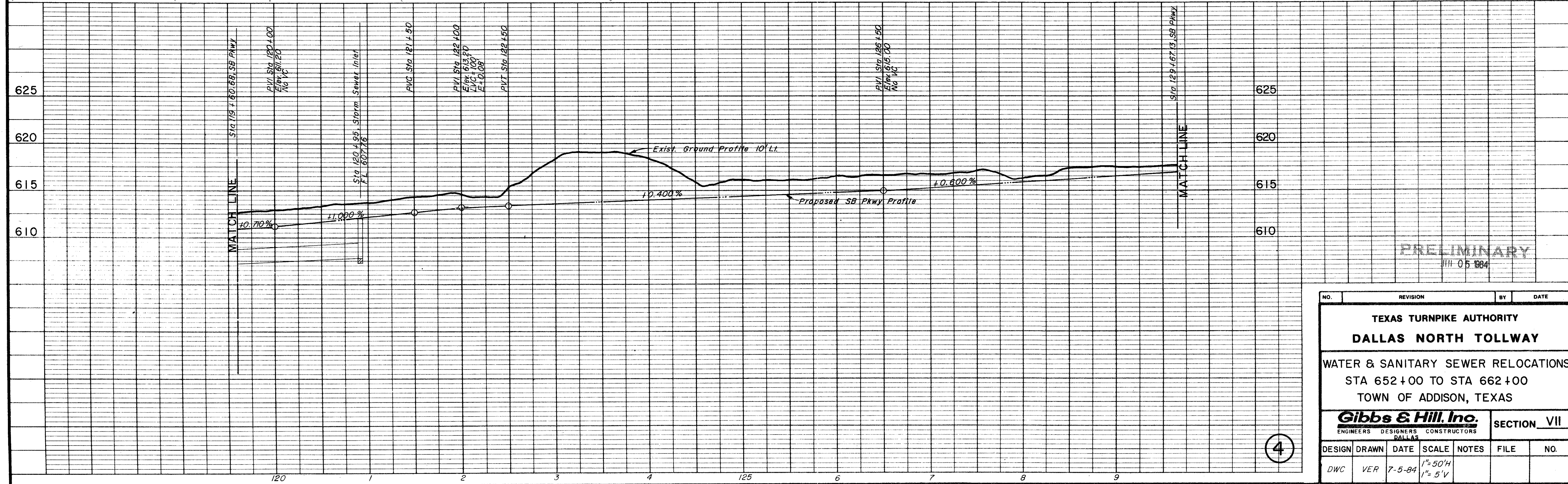
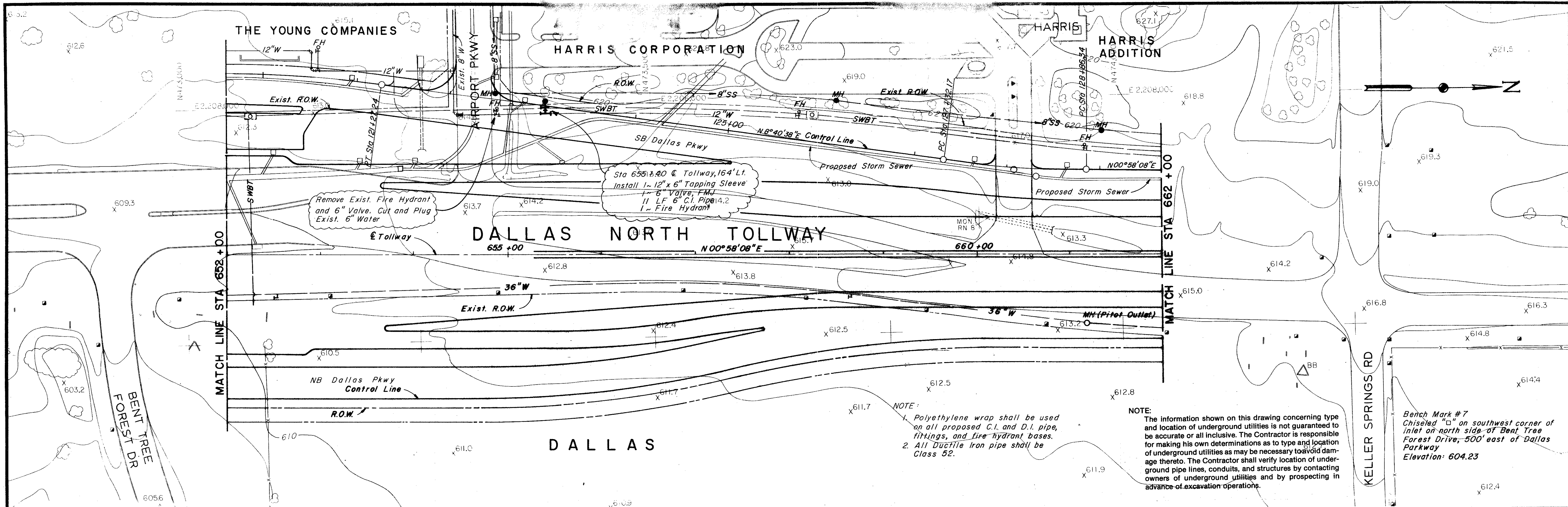
NOTE:
 1. Polyethylene wrap shall be used on all proposed C.I. and D.I. pipe, fittings, and fire hydrant bases.
 2. All Ductile Iron pipe shall be Class 52.



PRELIMINARY
 JUL 05 1994

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY WATER & SANITARY SEWER RELOCATIONS STA 644+00 TO STA 652+00 TOWN OF ADDISON, TEXAS			
Gibbs & Hill, Inc. <small>ENGINEERS DESIGNERS CONSTRUCTORS</small> <small>DALLAS</small>			SECTION VII
DESIGN	DRAWN	DATE	SCALE
DWC	VER	7-5-94	1"=50'H 1"=5'V
NOTES	FILE	NO.	

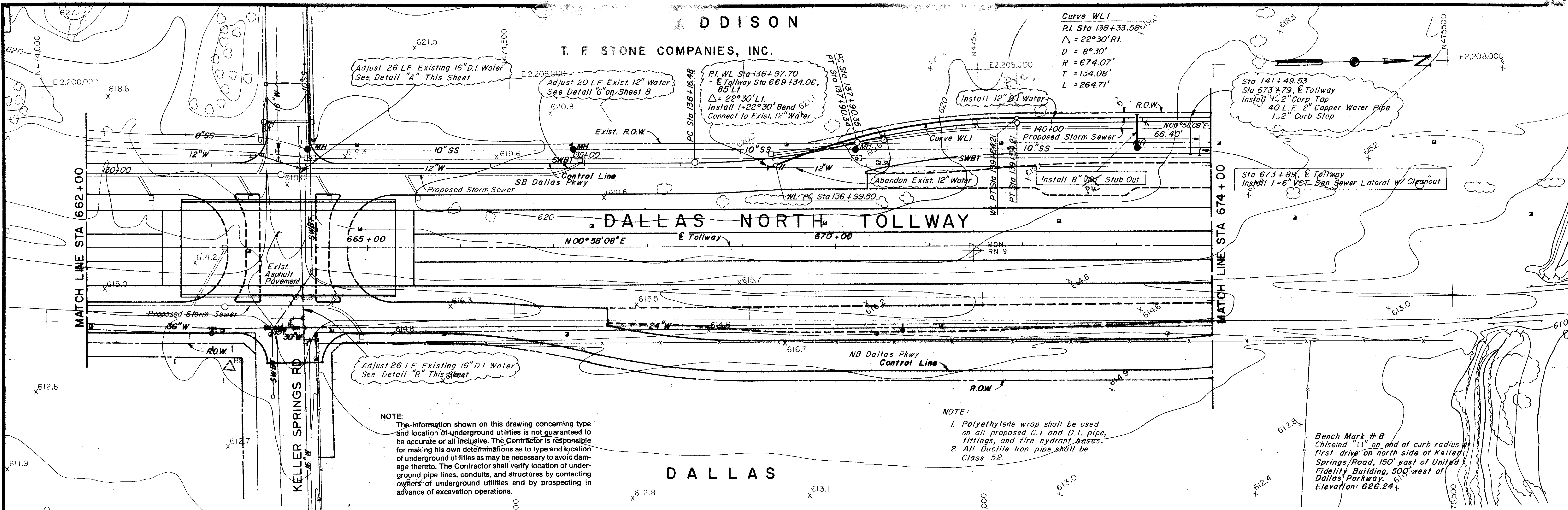
3



ADDISON

T. F. STONE COMPANIES, INC.

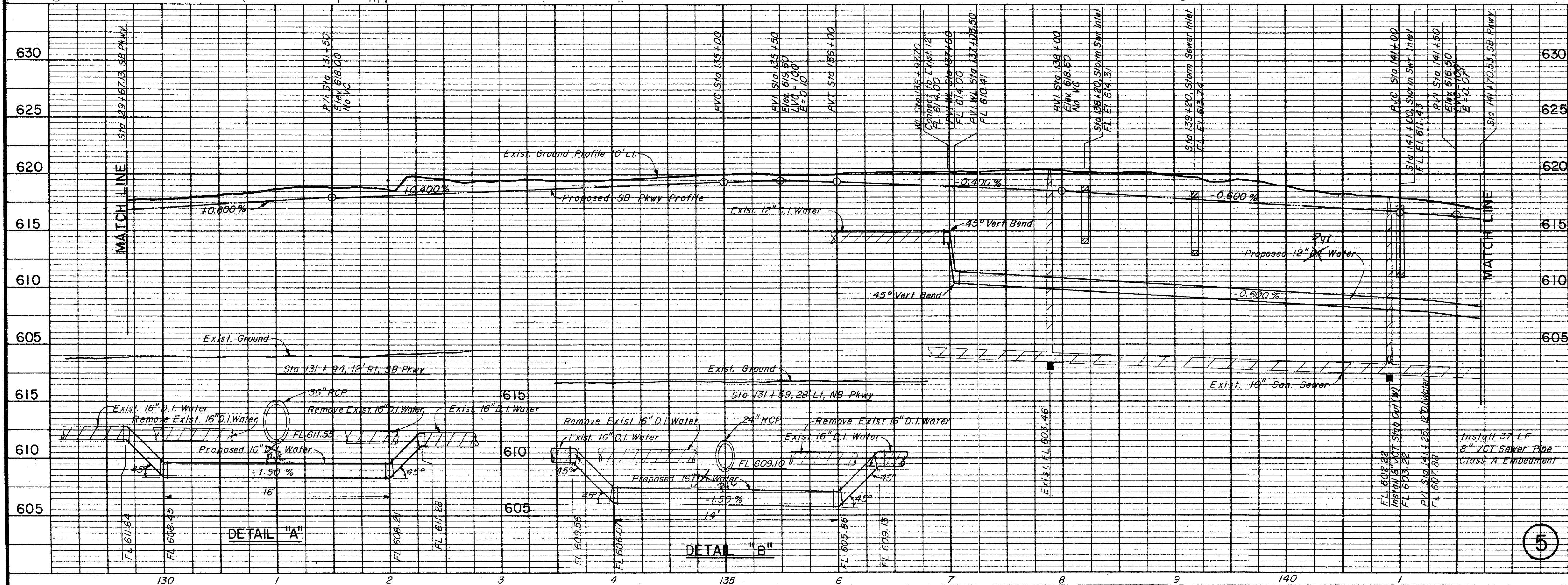
Curve W/LI
 P.I. Sta 138+33.58
 $\Delta = 22^\circ 30' \text{ Rt.}$
 $D = 8^\circ 30'$
 $R = 674.07'$
 $T = 134.08'$
 $L = 264.71'$



NOTE:
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NOTE:
 1. Polyethylene wrap shall be used on all proposed C.I. and D.I. pipe, fittings, and fire hydrant bases.
 2. All Ductile Iron pipe shall be Class 52.

Bench Mark # 8
 Chiseled "X" on end of curb radius at first drive on north side of Keller Springs Road, 150' east of United Fidelity Building, 500' west of Dallas Parkway.
 Elevation: 626.24'



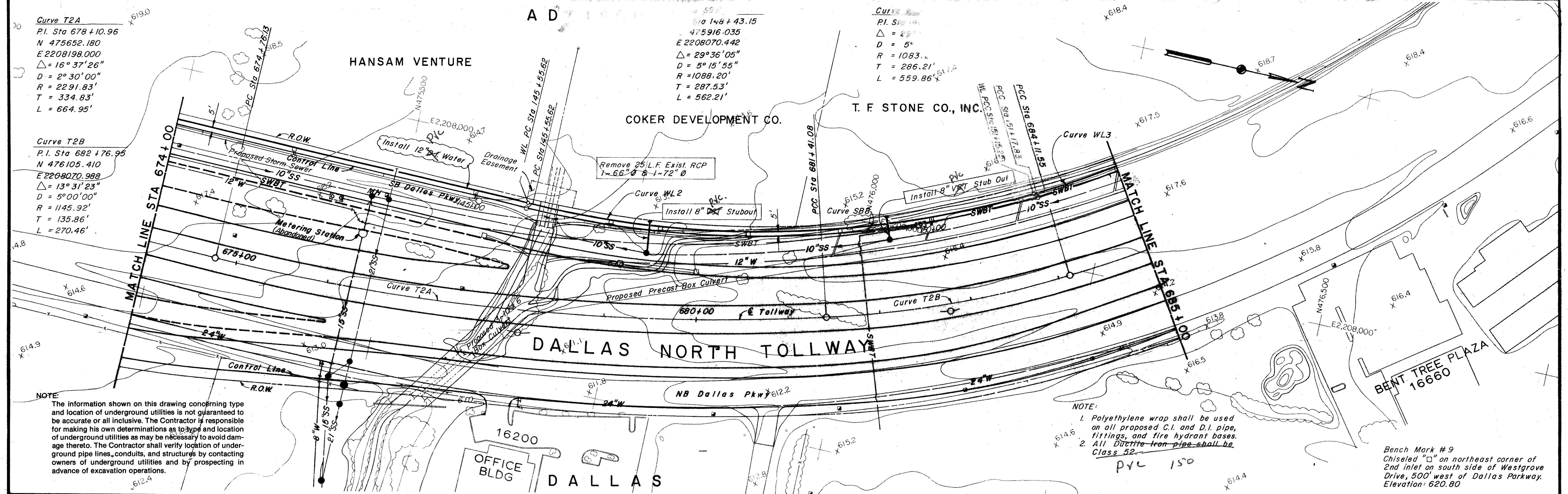
DETAIL "A"

DETAIL "B"

PRELIMINARY
JUL 05 1984

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
WATER & SANITARY SEWER RELOCATIONS STA 662+00 TO STA 674+00 TOWN OF ADDISON, TEXAS			
Gibbs & Hill, Inc. ENGINEERS DESIGNERS CONSTRUCTORS DALLAS			SECTION VII
DESIGN	DRAWN	DATE	SCALE
DWC	VER	7-5-84	1"=50'H 1"=5'V
FILE	NO.		

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Curve T2A
 P.I. Sta 678+10.96
 N 475652.180
 E 2208198.000
 $\Delta = 16^\circ 37' 26''$
 D = 2° 30' 00"
 R = 2291.83'
 T = 334.83'
 L = 664.95'

Curve T2B
 P.I. Sta 682+76.95
 N 476105.410
 E 2208070.988
 $\Delta = 13^\circ 31' 23''$
 D = 5° 00' 00"
 R = 1145.92'
 T = 135.86'
 L = 270.46'

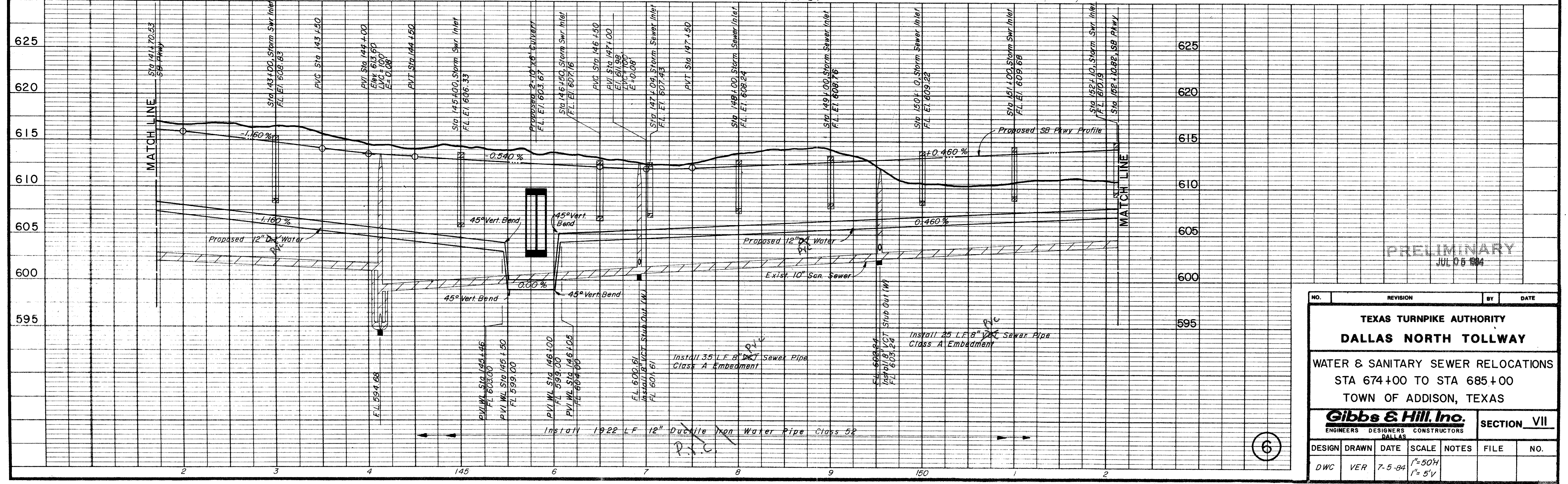
Curve WL2
 P.I. Sta 681+41.08
 N 475916.035
 E 2208070.442
 $\Delta = 29^\circ 36' 05''$
 D = 5° 15' 55"
 R = 1088.20'
 T = 287.53'
 L = 562.21'

Curve WL3
 P.I. Sta 684+11.55
 N 476105.410
 E 2208070.988
 $\Delta = 13^\circ 31' 23''$
 D = 5° 00' 00"
 R = 1145.92'
 T = 135.86'
 L = 270.46'

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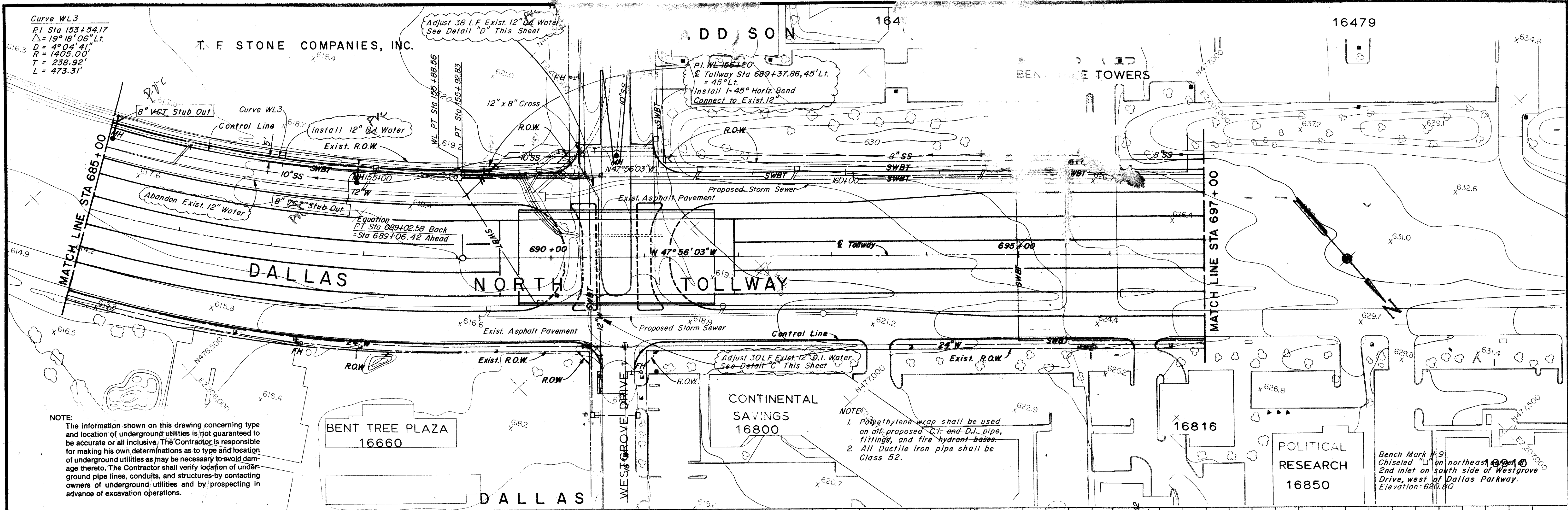
NOTE:
 1. Polyethylene wrap shall be used on all proposed C.I. and D.I. pipe, fittings, and fire hydrant bases.
 2. All Ductile Iron pipe shall be Class 52.

Bench Mark #9
 Chiseled "X" on northeast corner of 2nd inlet on south side of Westgrove Drive, 500' west of Dallas Parkway.
 Elevation: 620.80



PRELIMINARY
 JUL 05 1984

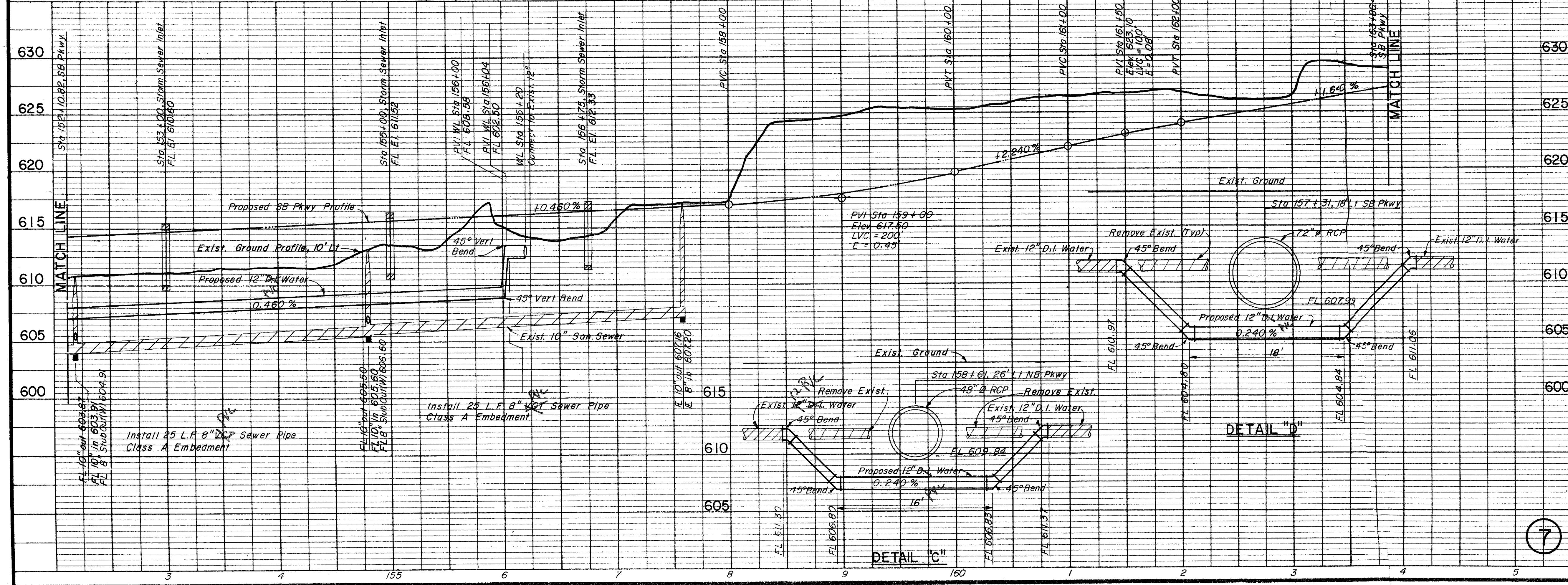
NO.		REVISION		BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY WATER & SANITARY SEWER RELOCATIONS STA 674+00 TO STA 685+00 TOWN OF ADDISON, TEXAS					
Gibbs & Hill, Inc. ENGINEERS DESIGNERS CONSTRUCTORS DALLAS					SECTION VII
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
DWC	VER	7-5-84	1"=50' 1"=5'		



NOTE:
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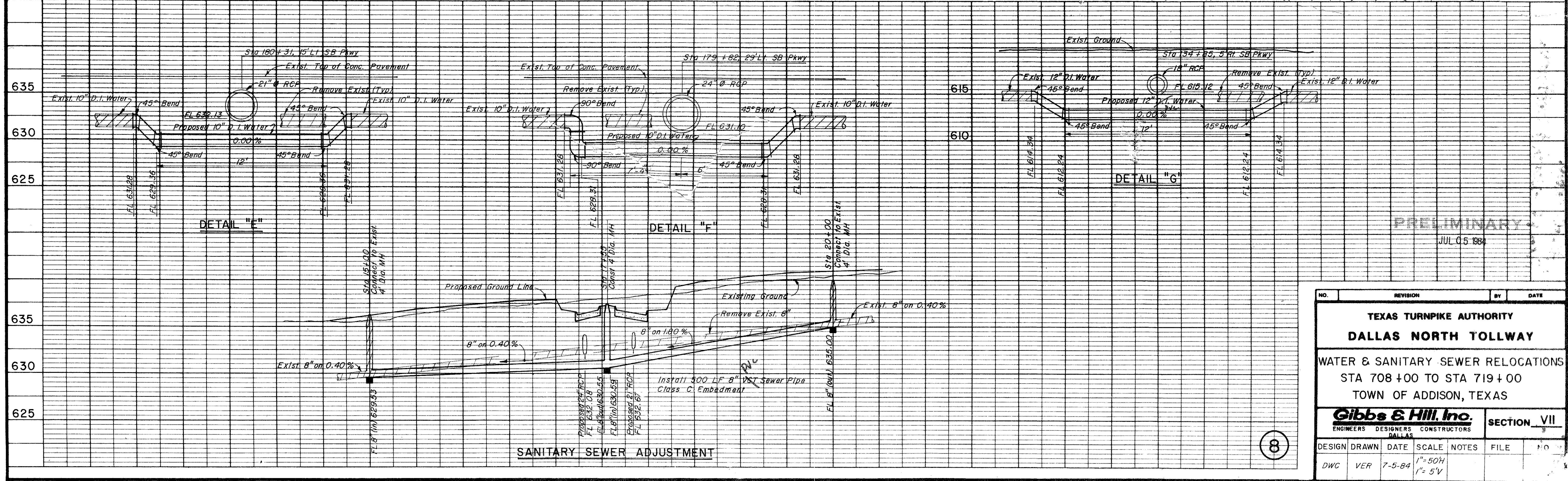
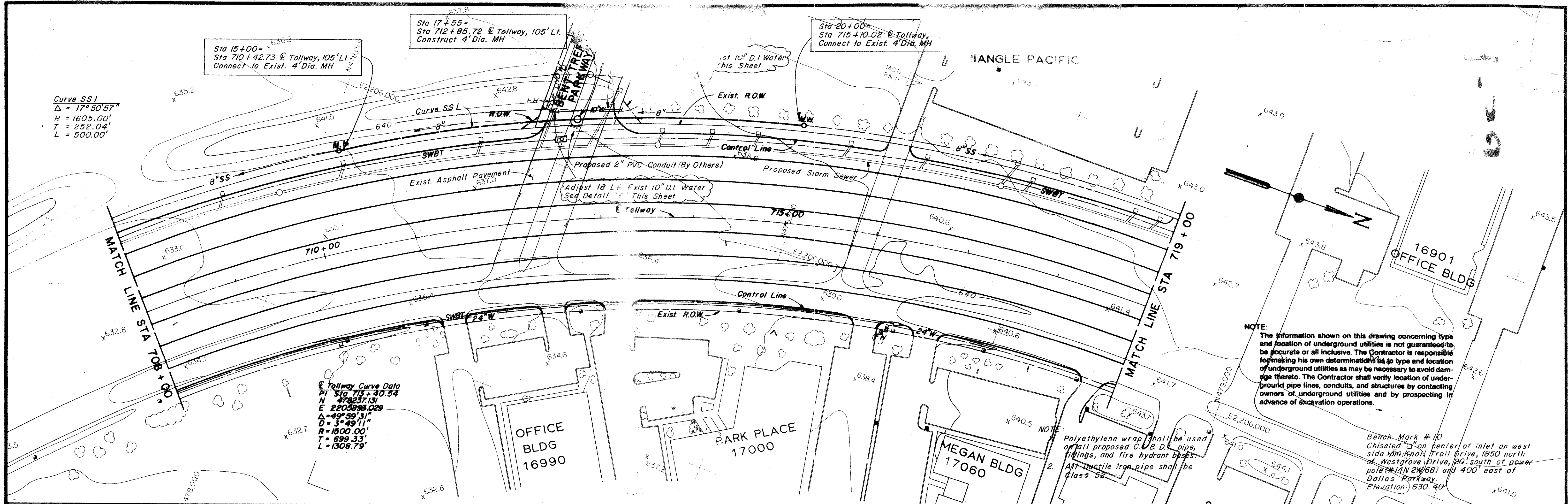
NOTE:
1. Polyethylene wrap shall be used on all proposed C.I. and D.I. pipe, fittings, and fire hydrant bases.
2. All Ductile Iron pipe shall be Class 52.

Bench Mark #9
Chiseled on northeast corner of 2nd Inlet on south side of Westgrove Drive, west of Dallas Parkway.
Elevation: 620.80



PRELIMINARY
JUL 05 1984

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
WATER & SANITARY SEWER RELOCATIONS STA 685+00 TO STA 697+00 TOWN OF ADDISON, TEXAS			
Gibbs & Hill, Inc. ENGINEERS DESIGNERS CONSTRUCTORS DALLAS			SECTION VII
DESIGN	DRAWN	DATE	SCALE
DWC	VER	7-5-84	1"=50'H 1"=5'V
NOTES	FILE	NO.	



NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
WATER & SANITARY SEWER RELOCATIONS STA 708 +00 TO STA 719 +00 TOWN OF ADDISON, TEXAS			
Gibbs & Hill, Inc. ENGINEERS DESIGNERS CONSTRUCTORS DALLAS			SECTION VII
DESIGN	DRAWN	DATE	SCALE
DWC	VER	7-5-84	1"=50'H 1"=5'V
NOTES	FILE	NO.	

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