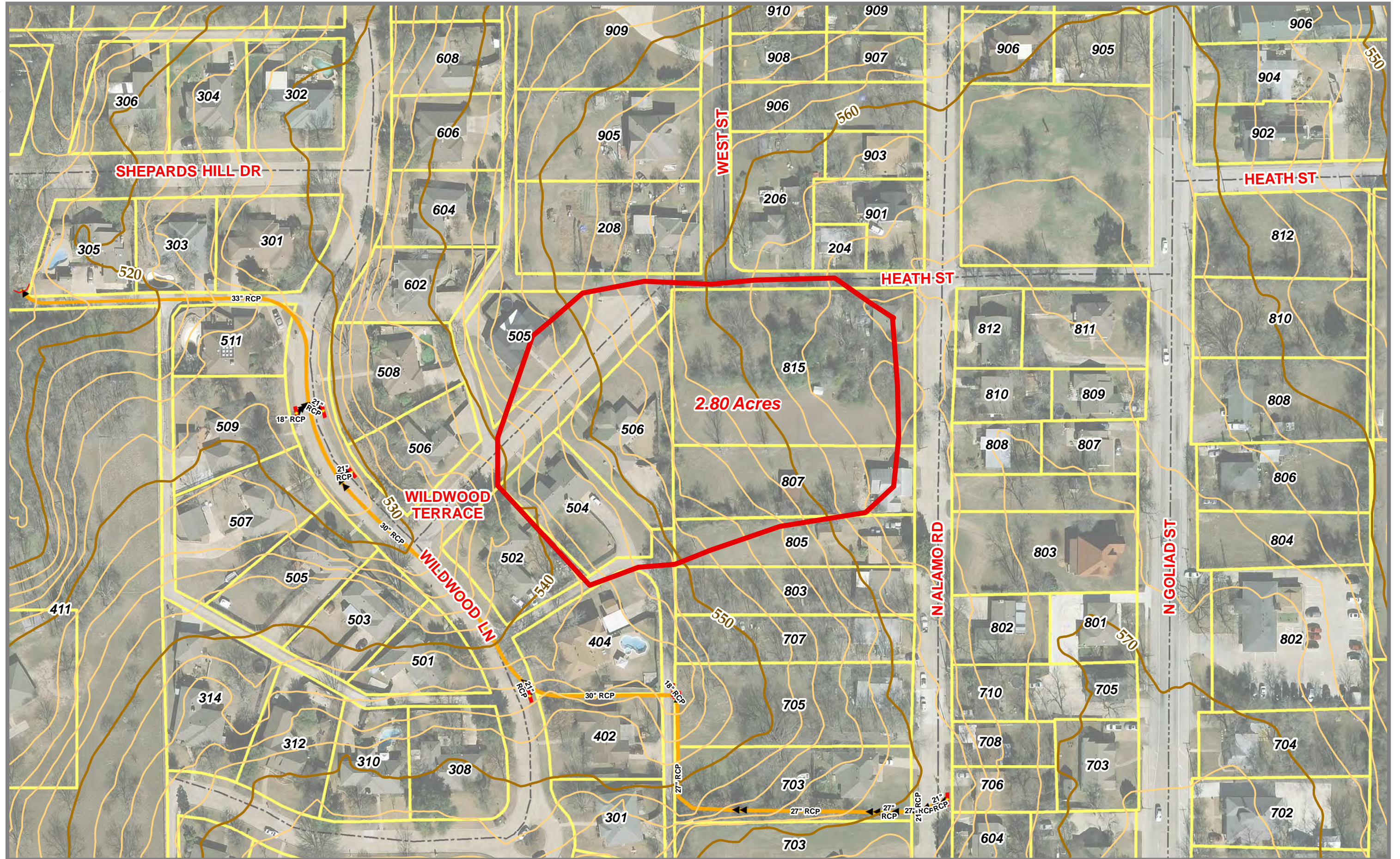
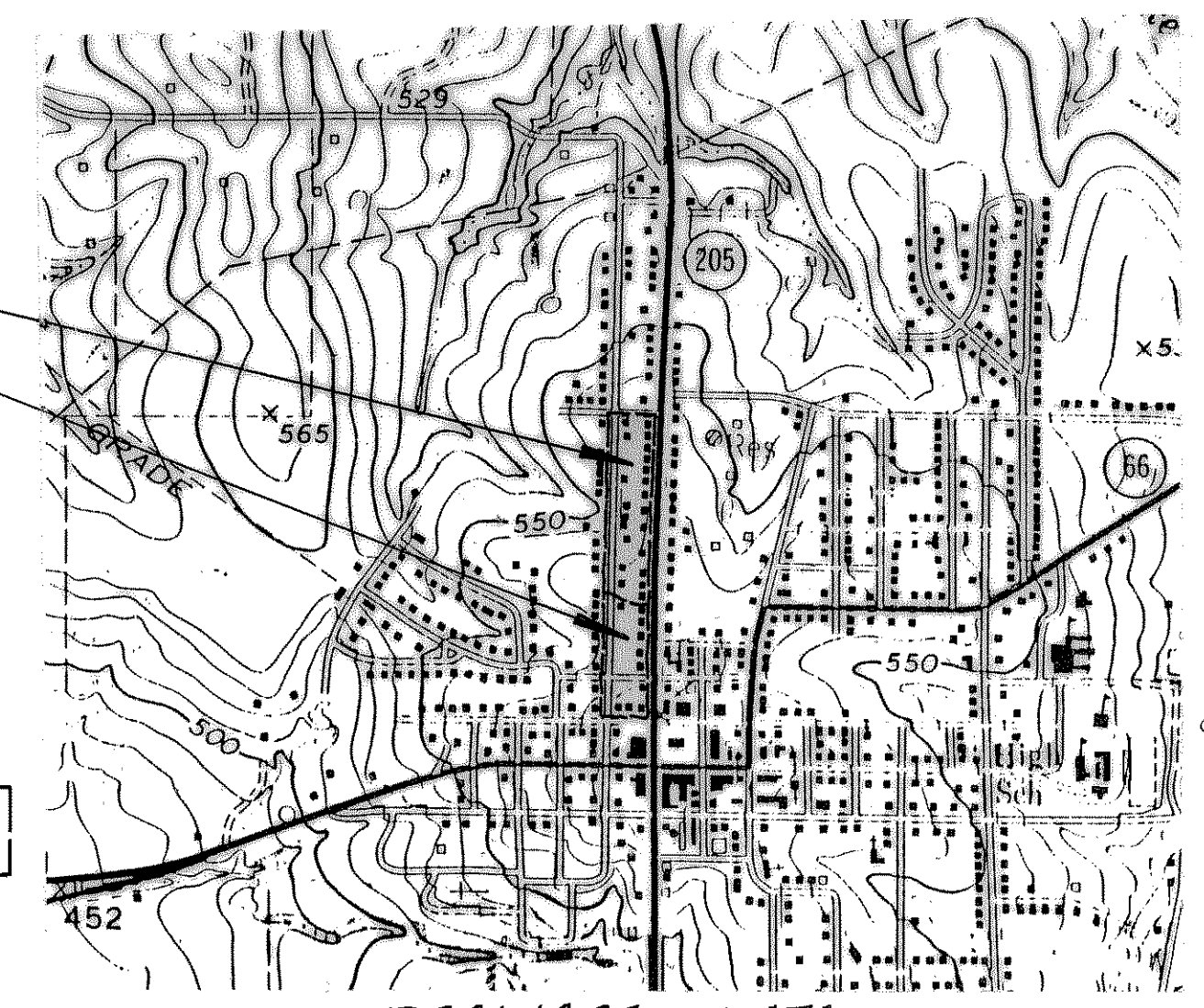
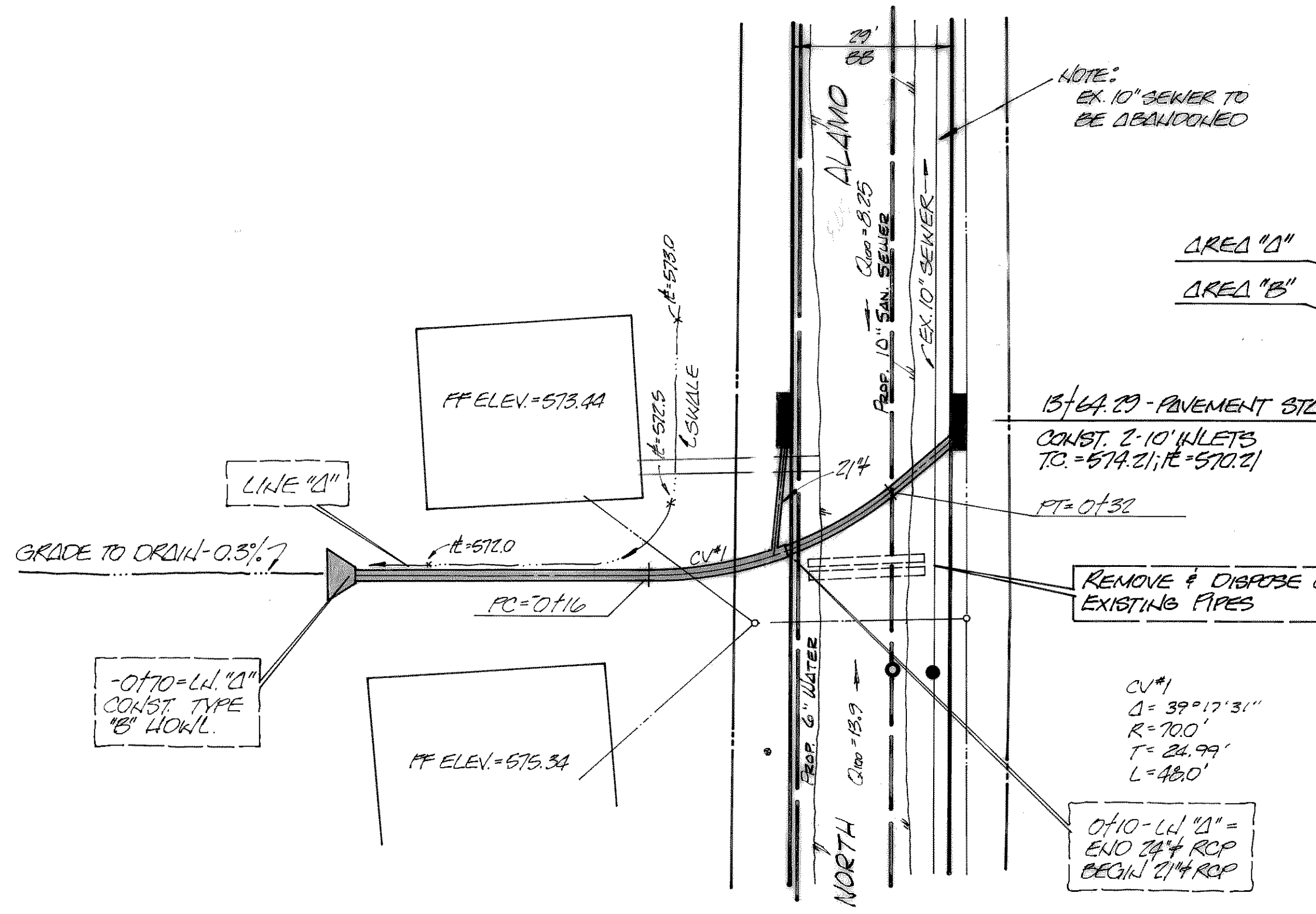
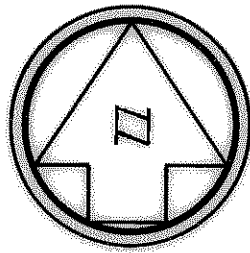


1 inch = 100 feet

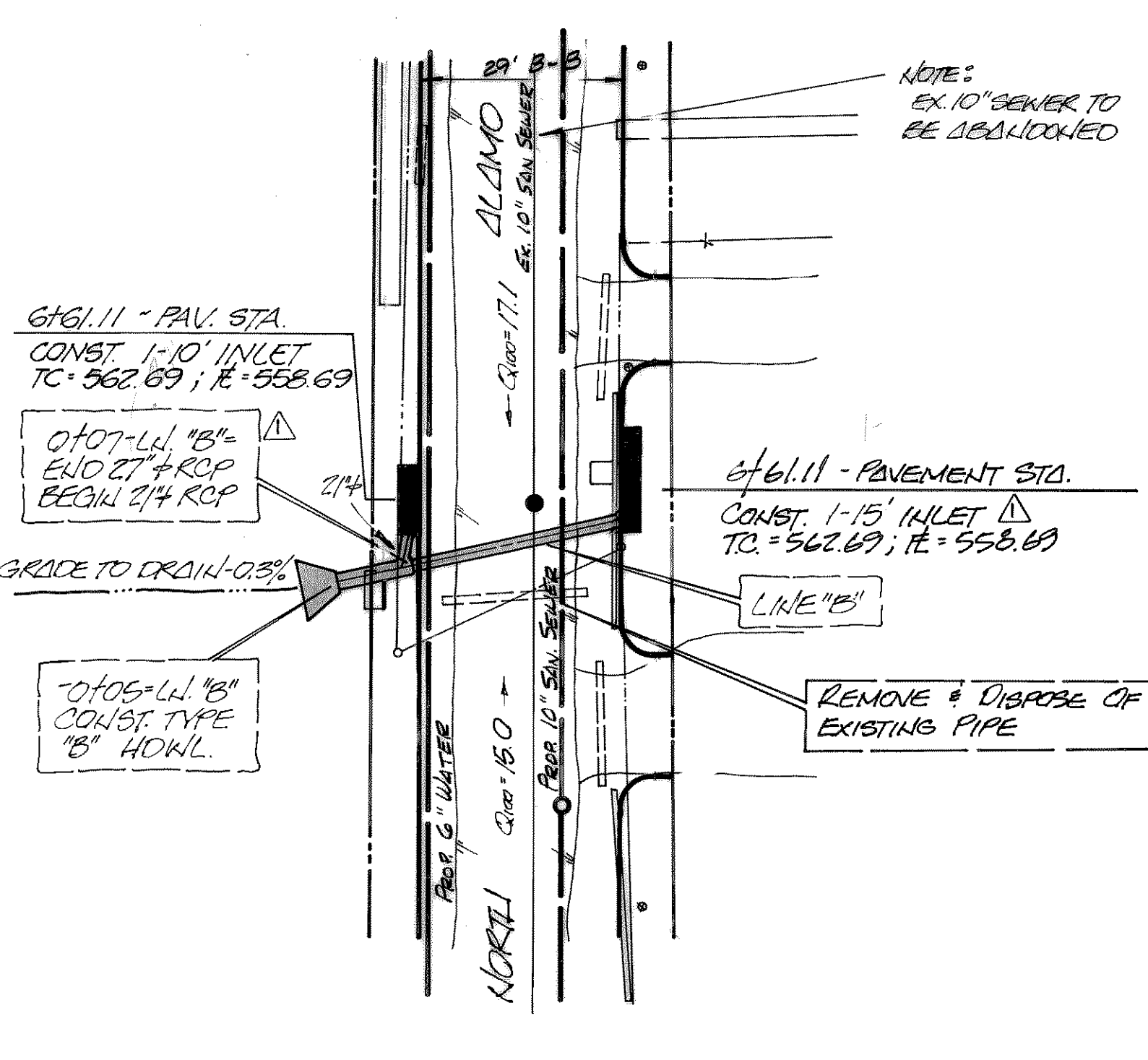


Date: 7/1/2015



DRAINAGE DATA

AREA "A"	AREA "B"
TC = 12.3 MIN.	TC = 12.8 MIN.
SCORE = 6.0	SCORE = 4.343
C = 0.5	C = 0.5
I ₁₀₀ = 8.6	I ₁₀₀ = 8.4
Q ₁₀₀ = 18.6	Q ₁₀₀ = 23.2
I ₁₀₀₀ = 10.7	I ₁₀₀₀ = 10.3
Q ₁₀₀₀ = 32.103	Q ₁₀₀₀ = 22.153



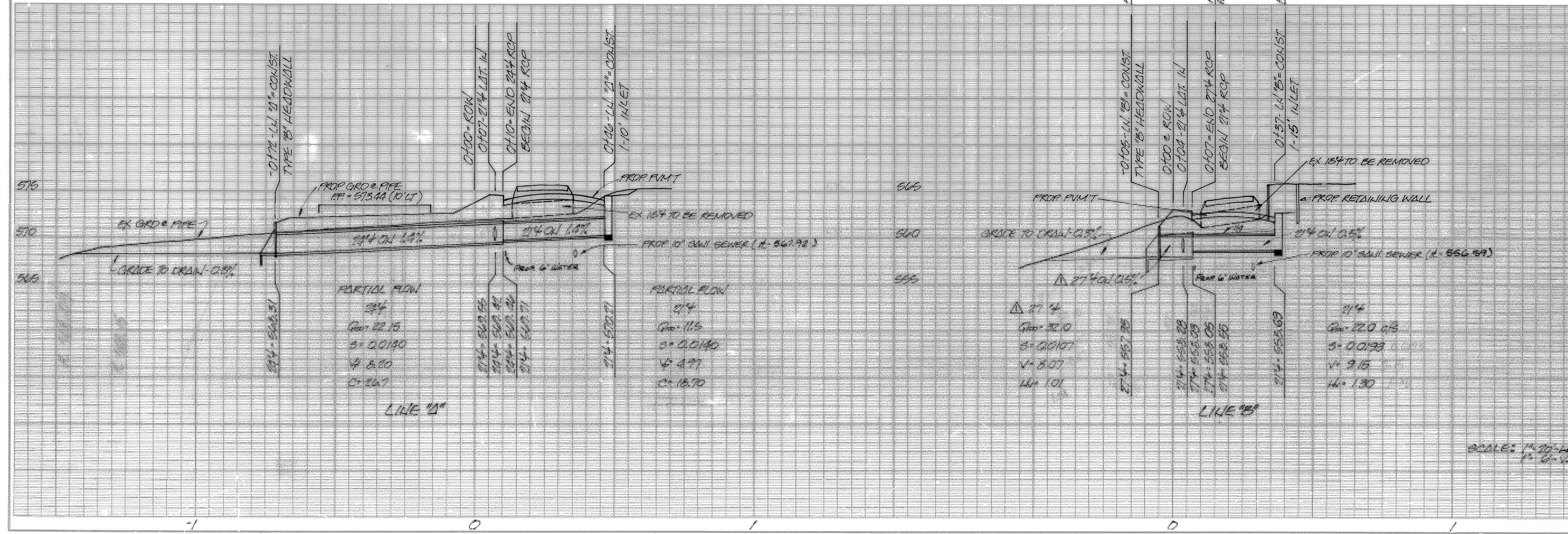
NOTE: ALL EXISTING DRAINAGE SYSTEMS TO BE REMOVED & DISPOSED FROM CONSTRUCTION SITE.

NOTE: INSTALL PROPOSED WATER MAIN AS REQUIRED TO CLEAR PROPOSED STORM SEWER MAIN.

NOTE: ALL STORM SEWER PIPE SHALL BE CLASS III REINFORCED CONCRETE PIPE AS PER THD STD'S

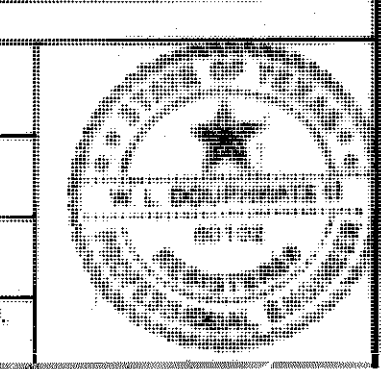
NOTE: CONTRACTOR SHALL HAVE ONE LANE OF N. ALAMO STREET TO REMAIN OPEN FOR TRAFFIC AT ALL TIMES.

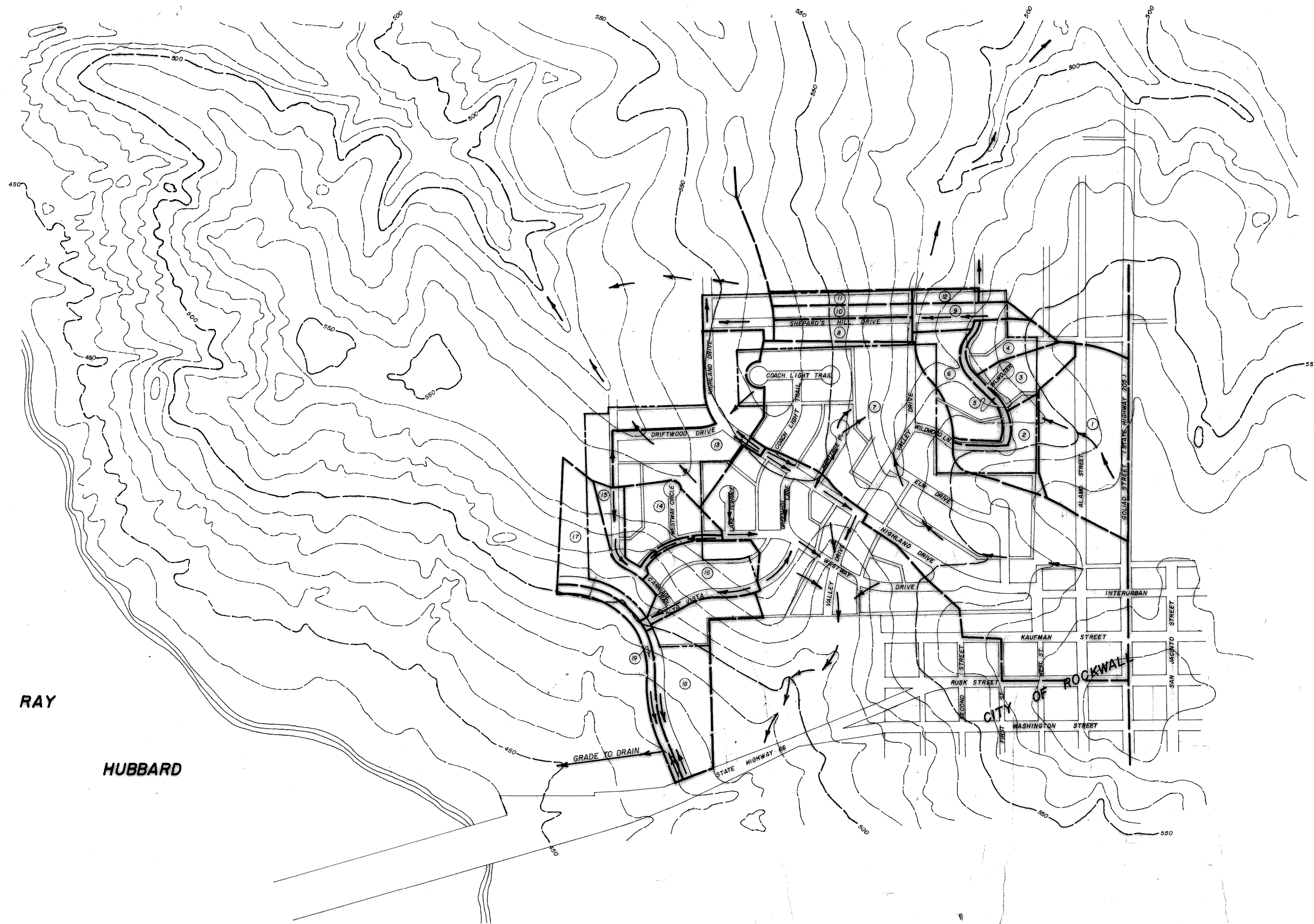
NOTE: CONTRACTOR TO INSTALL PROP WATER & SEWER AS REQUIRED TO CLEAR PROP STORM SEWER INLETS.



BENCH MARK:
BOLT ON EHL @ S.W. CORNER OF HEATH ST. & N. ALAMO ST.
ELEV. = 570.77

REVISION NO.	CHANGED L _A 15" FROM 20" TO 27" RCP TO CHANNEL 12 TO 15 INCH	DATE	7/6/89
STORM SEWER IMPROVEMENT			
NORTH ALAMO STREET			
CITY OF ROCKWALL, TEXAS 205 W. RUSK STREET 214-782-1111			
DESIGNED BY:	W.L.D.	SCALE:	NOTED
DRAWN BY:	W.L.D.	APPROVED BY:	<i>[Signature]</i>
JOB NO.	87008	DATE:	7-87
		SHEET NO.:	27





LAKE

RAY

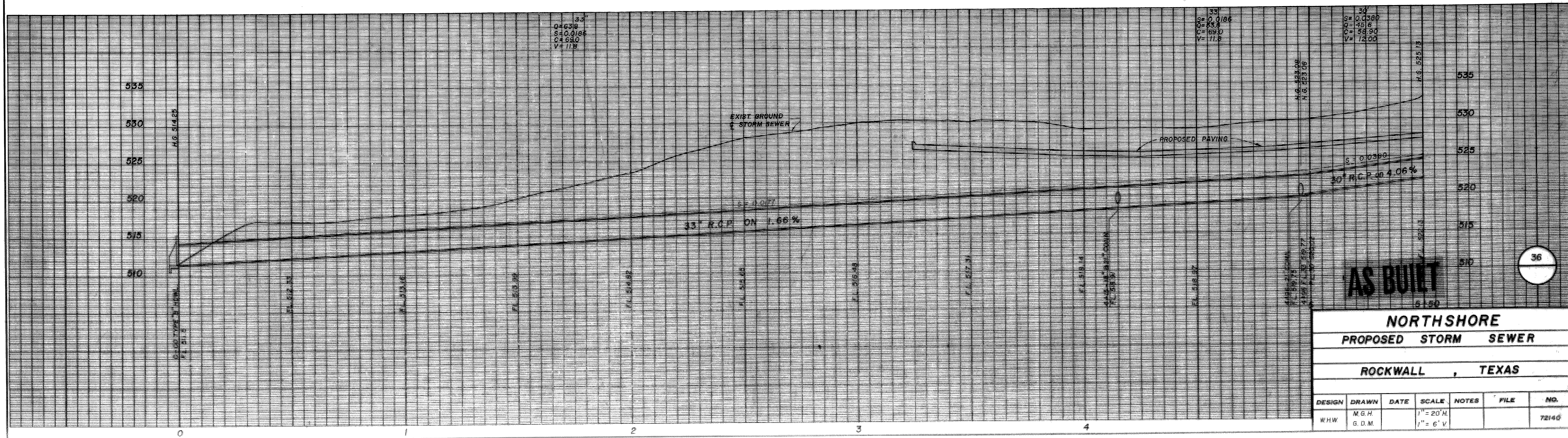
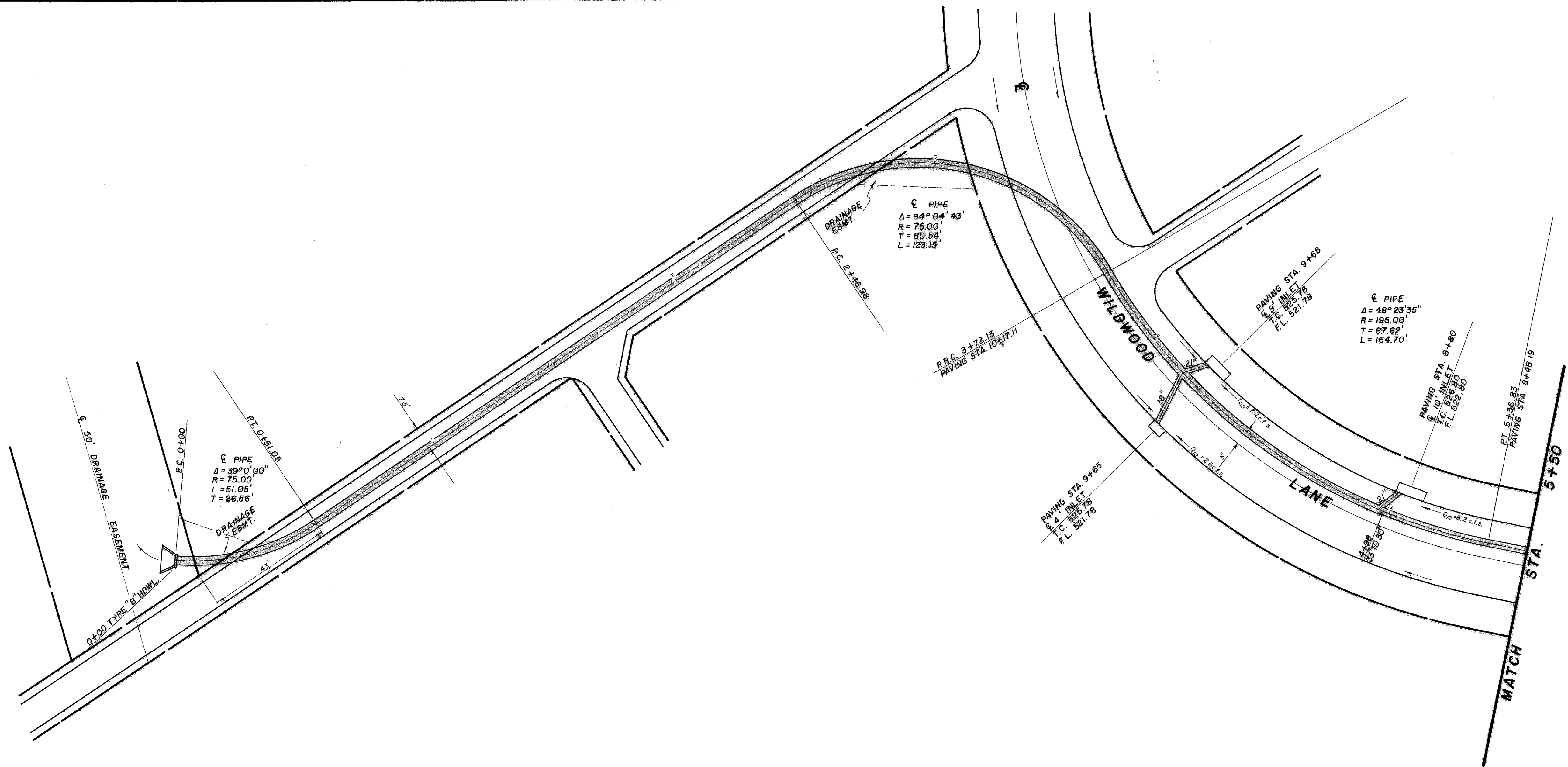
HUBBARD

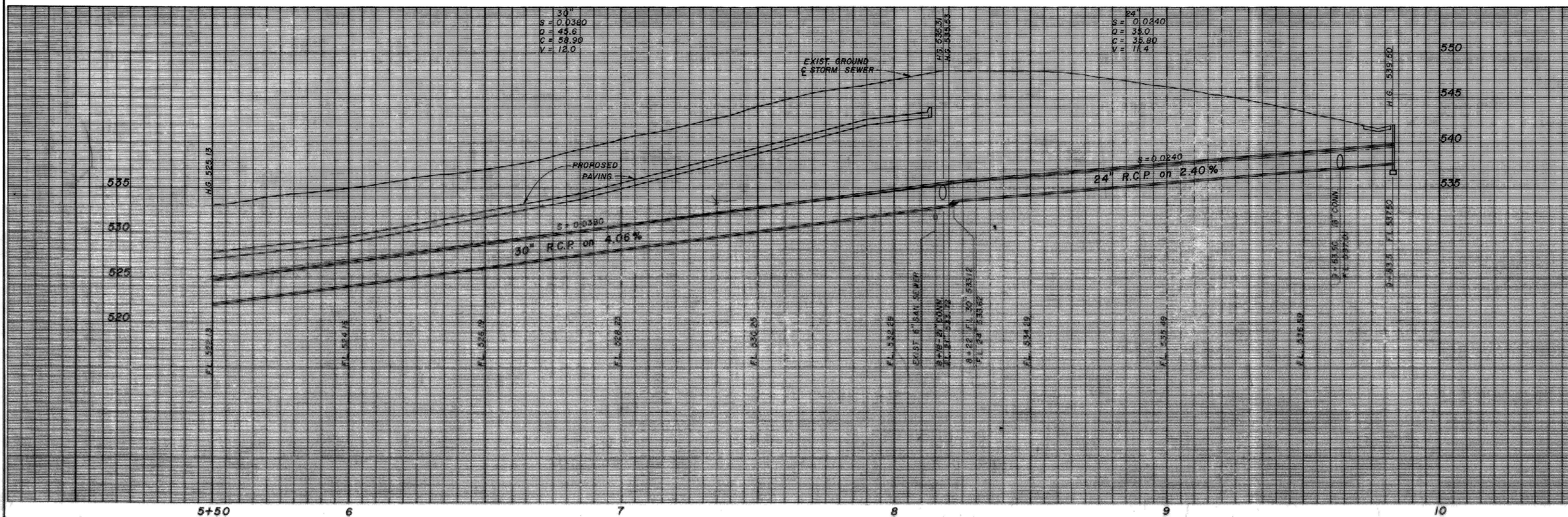
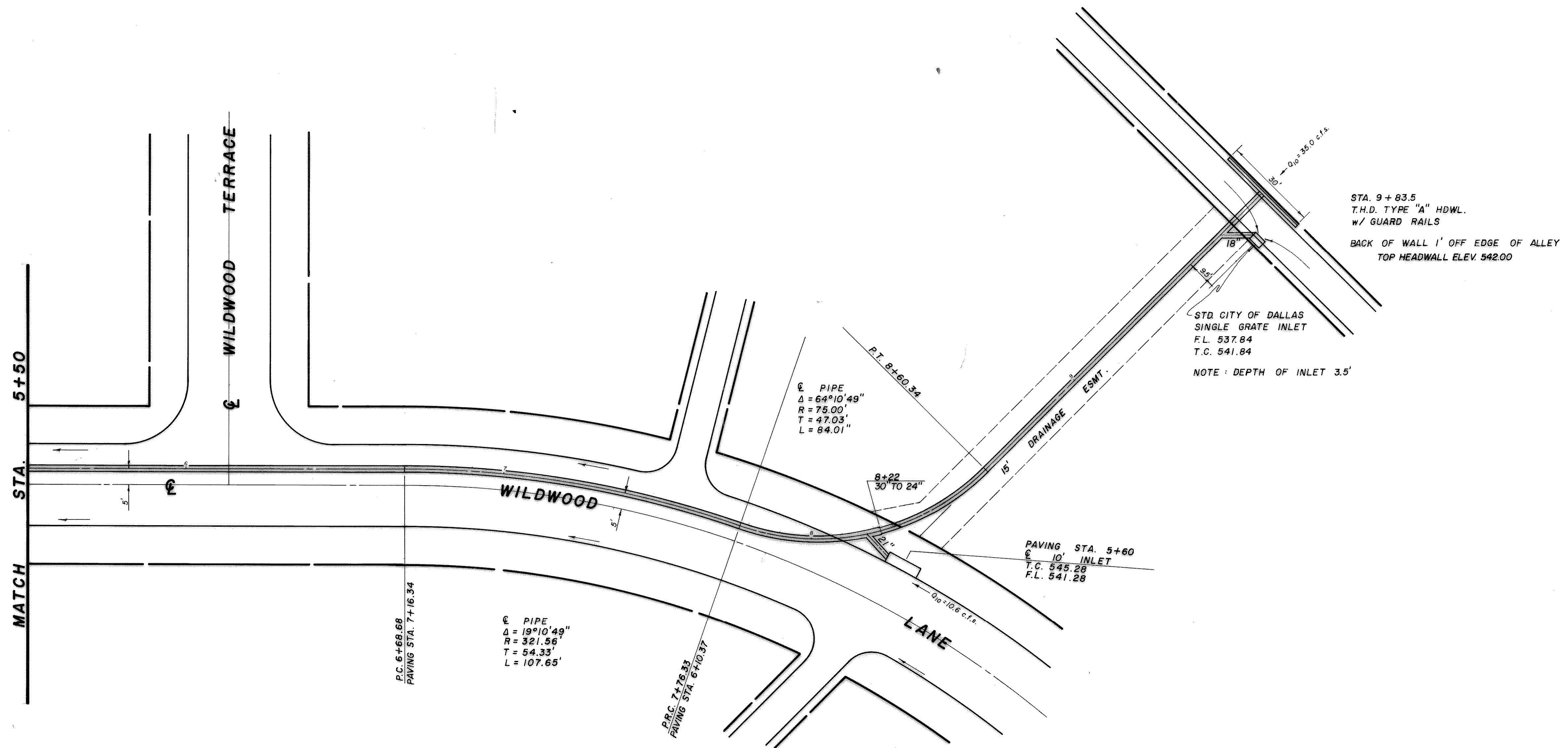
DRAINAGE DATA								
DRAINAGE AREA	ACRES	C	10 YR. 10 MIN.	50 YR. 10 MIN.	Q ₁₀	ΣQ ₁₀	Q ₅₀	ΣQ ₅₀
1	11.0	0.45	7.1	9.2	35	35	46	46
2	3.3	0.45	7.1	9.2	10.6	45.6	13.7	59.7
3	2.6	0.45	7.1	9.2	8.2	53.8	10.6	70.3
4	2.3	0.45	7.1	9.2	7.4	61.2	9.6	79.9
5	0.8	0.45	7.1	9.2	2.6	63.8	3.3	83.2
6	3.8	0.45	7.1	9.2	12.1		15.7	98.9
7	4.8	0.45	7.1	9.2	15.4		19.9	298
8	2.2	0.45	7.1	9.2	7.0		9.1	307
9	1.8	0.45	7.1	9.2	5.8		7.4	314
10	1.5	0.45	7.1	9.2	4.8		6.2	321
11	1.7	0.45	7.1	9.2	5.4		7.1	328
12	0.7	0.45	7.1	9.2	2.2		2.9	331
13	10.1	0.45	7.1	9.2	32.3		41.8	418
14	3.89	0.45	7.1	9.2	12.4		16.1	16.1
15	1.85	0.45	7.1	9.2	5.9		7.7	23.8
16	5.2	0.45	7.1	9.2	7.1		9.2	33.0
17	3.86	0.45	7.1	9.2	12.4		16.1	49.1
18	7.3	0.45	7.1	9.2	23.3		30.2	81.3
19	1.6	0.45	7.1	9.2	5.1		6.6	87.9

AS BUILT

3

DRAINAGE AREA MAP				NORTHSHORE ROCKWALL, TEXAS	
DESIGN: H.L.E.	DRAWN: R.P.	SCALE: 1" = 400'	DATE: 10/72	DALLAS HAROLD EVANS CONSULTING ENGINEER	





AS BUILT

NORTHSHORE						
PROPOSED STORM SEWER						
ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
WHW	MGH GDM	11/72	1"=20' H. 1"=6' V.			72140