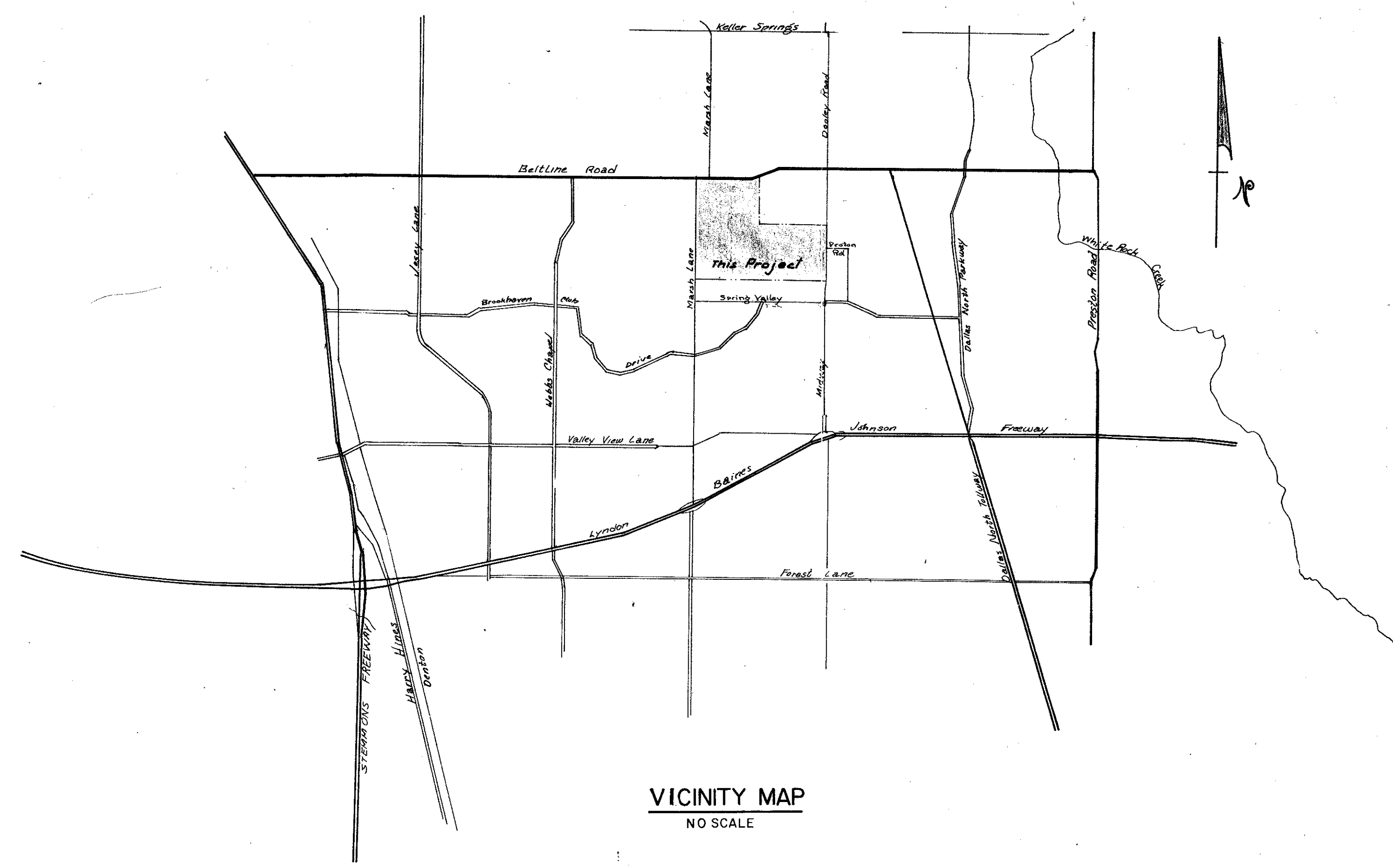


# LES LACS VILLAGE

DESIGNED FOR

LES LACS VILLAGE, INCORPORATED



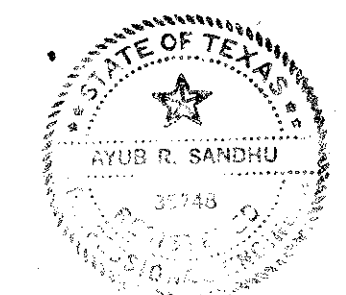
VICINITY MAP  
NO SCALE

**INDEX**

- TITLE SHEET
- $\frac{1}{12}$  to  $\frac{13}{12}$  - PAVING PLANS
- $\frac{1}{9}$  - DRAINAGE AREA MAP
- $\frac{2}{9}$  to  $\frac{9}{9}$  - STORM SEWER PROFILES
- $\frac{1}{9}$  to  $\frac{3}{9}$  - WATER & SANITARY SEWER PLAN
- $\frac{4}{9}$  to  $\frac{5}{9}$  - WATER PROFILES
- $\frac{6}{9}$  to  $\frac{8}{9}$  - SANITARY SEWER PROFILES
- DETAILS

DESIGNED BY

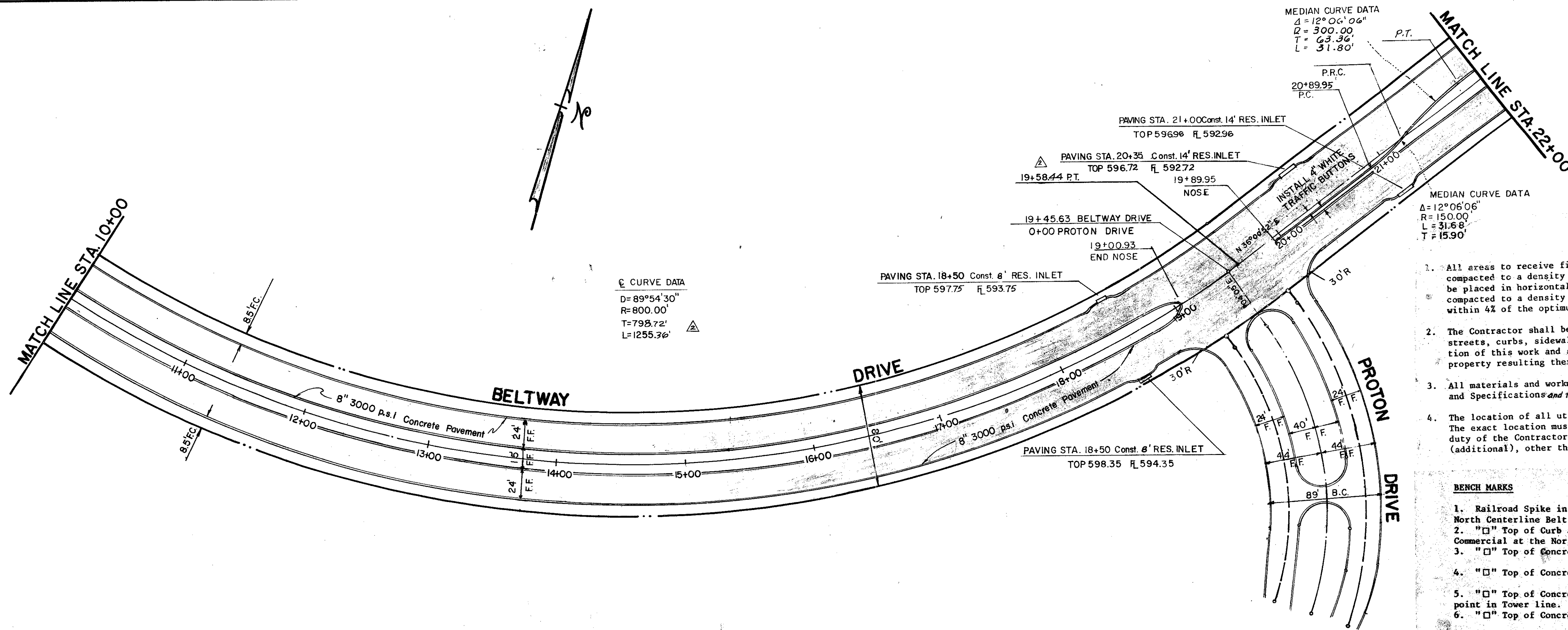
RAYMOND J. COOPERSON, INCORPORATED CONSULTING ENGINEERS



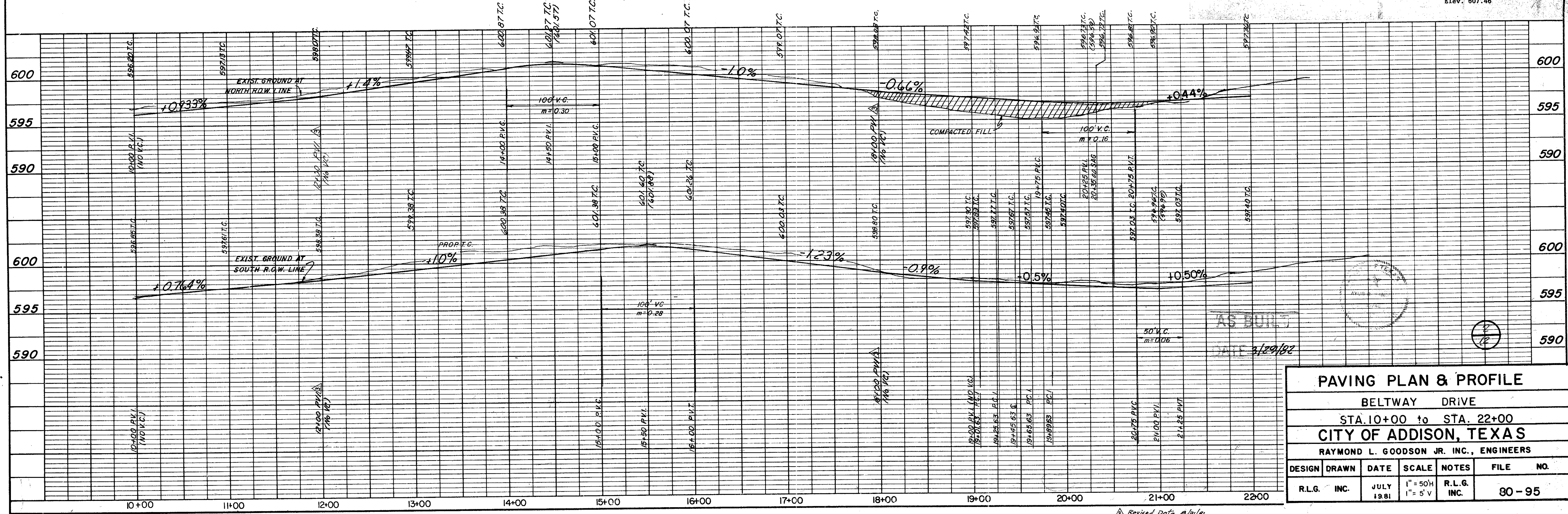
3/20/02

DATE	
BY	
REVISION	
NOTE BOOK	
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DATE	
BY	
REVISION	
NOTE BOOK	
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- GENERAL NOTES**
- All areas to receive fill shall be scarified to a depth of 6 inches and compacted to a density of 95% Standard Proctor Density. All fill shall be placed in horizontal layers not exceeding 8 inches (loose depth) and compacted to a density of 95% Standard Proctor with the moisture content within 4% of the optimum.
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  - "D" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
  - "C" Top of Concrete Footing at Southeast Corner Tower #13N-3W-T287. Elev. 597.83
  - "D" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 605.20
  - "D" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
  - "C" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  - "D" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46



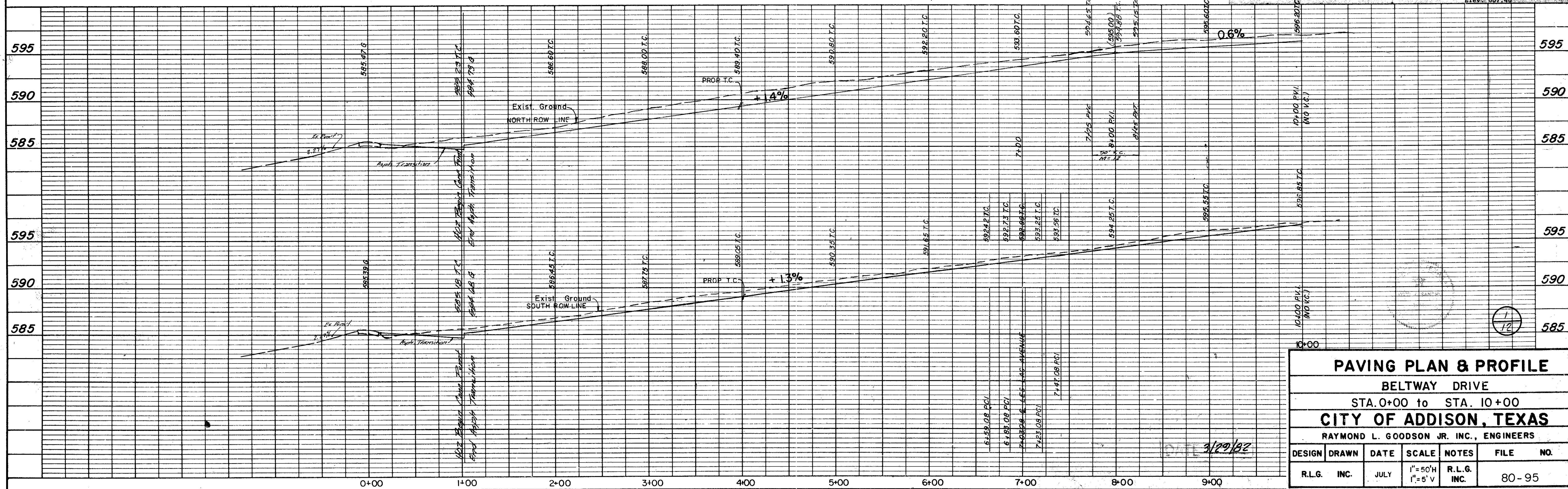
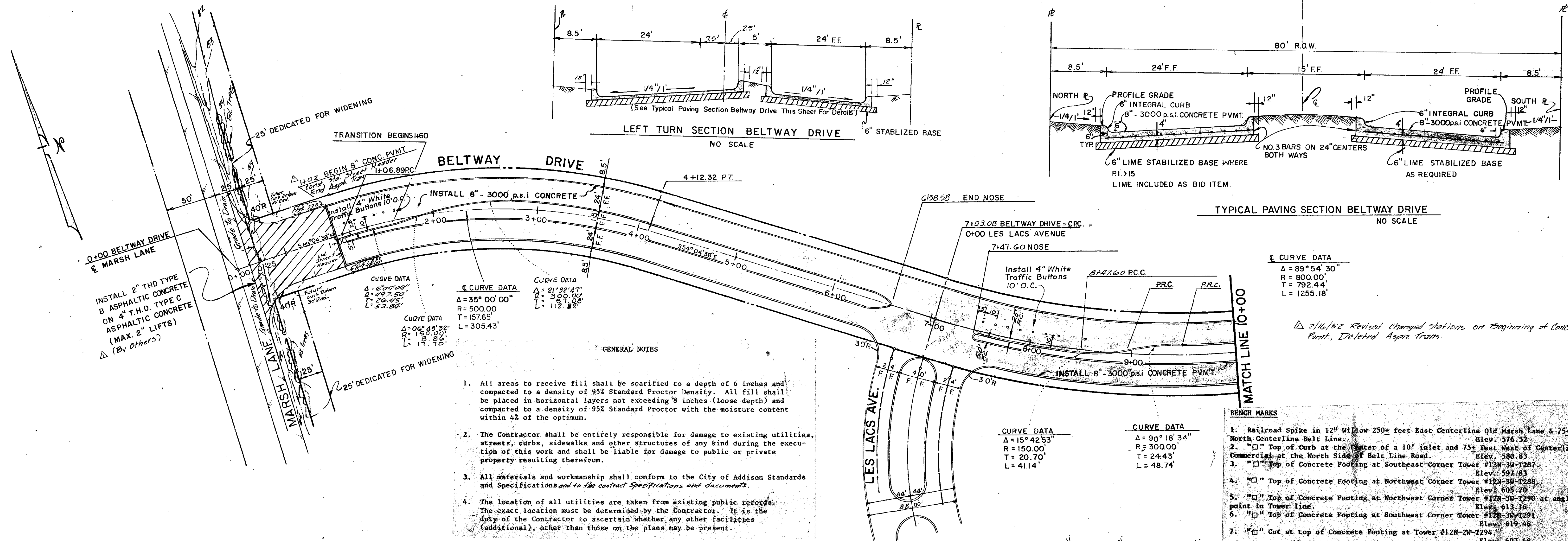
PAVING PLAN & PROFILE					
BELTWAY DRIVE					
STA. 10+00 to STA. 22+00					
CITY OF ADDISON, TEXAS					
RAYMOND L. GOODSON JR. INC., ENGINEERS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.L.G.	INC.	JULY 1981	1" = 50'H 1" = 5' V	R.L.G. INC.	80-95

Revised Data 8/1/81  
Grade 9/22/81



DATE	
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REVISION	
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PLAN	
NOTE BOOK	
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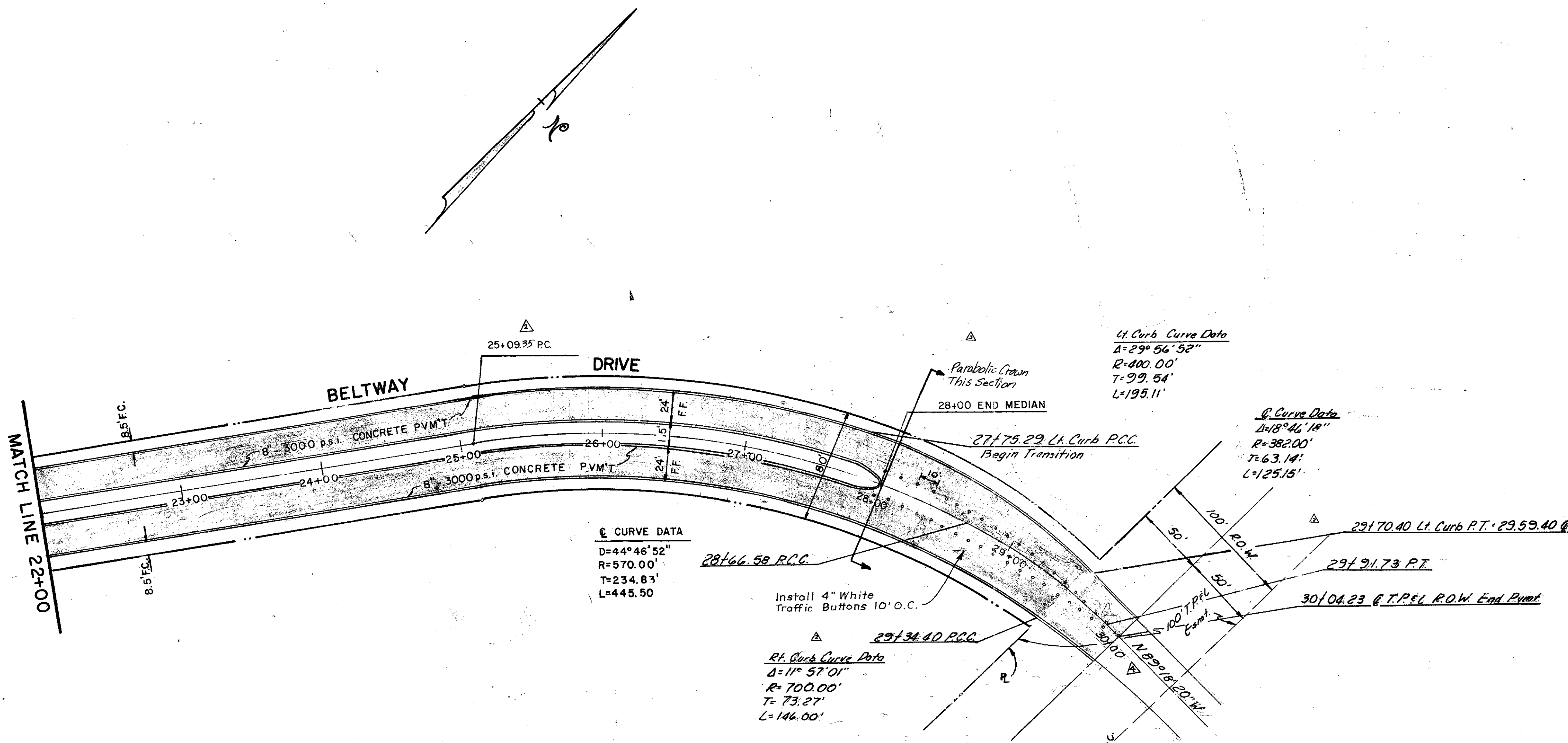
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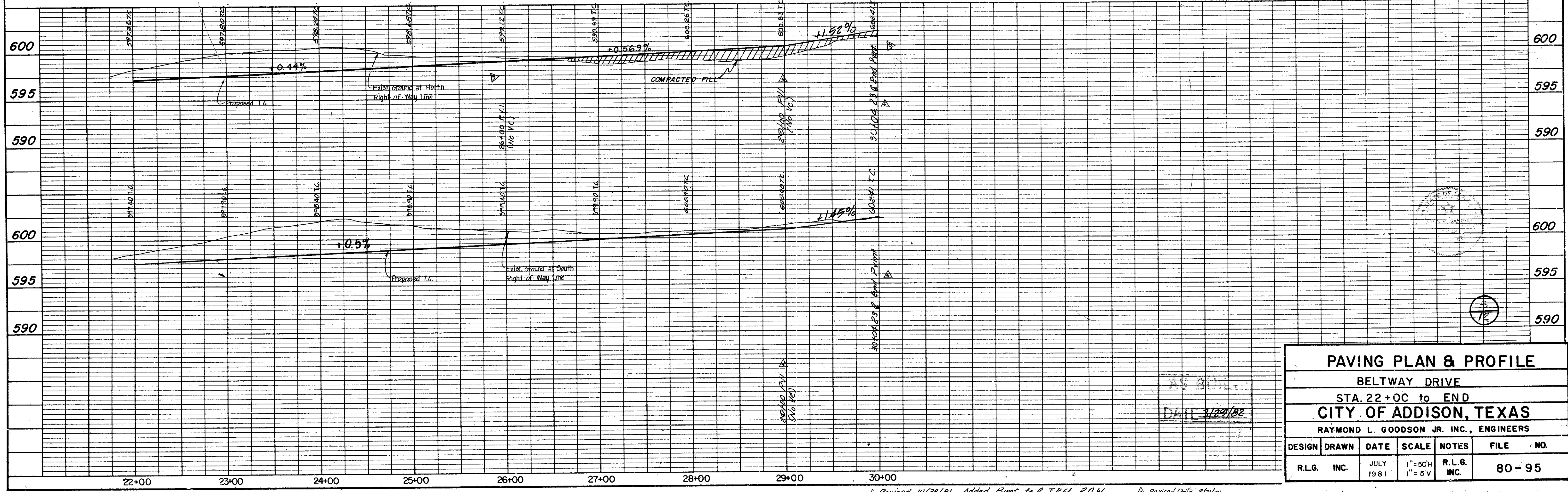
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  - "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 605.20
  - "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 609.16
  - "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  - "□" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46



**PAVING PLAN & PROFILE**  
**BELTWAY DRIVE**  
**STA. 22+00 to END**  
**CITY OF ADDISON, TEXAS**  
**RAYMOND L. GOODSON JR. INC., ENGINEERS**

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.L.G.	INC.	JULY 1981	1" = 50'H 1" = 5'V	R.L.G. INC.	80-95

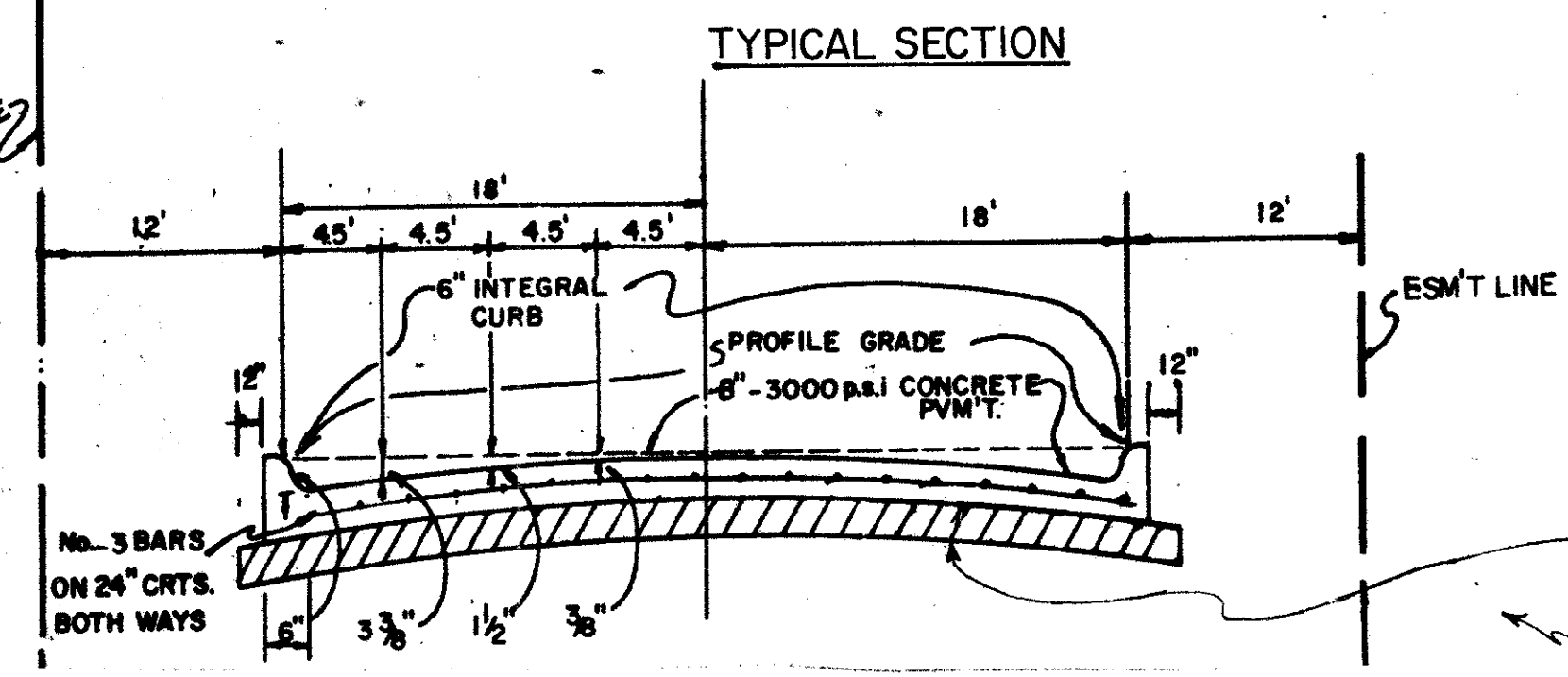
Revised 10/28/81 Added Punt. to & T.P.E.L. R.O.W.  
 Revised 12/03/81 Grades @ 26+00 to End  
 Revised 12/07/81 Revised Deleted Street Header & Barricade  
 Revised 12/28/81 Revised Grades 29+00 to 30+00



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2. "H" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
3. "□" Top of Concrete Footing at Southeast Corner Tower #13N-3W-T287. Elev. 597.83
4. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 605.20
5. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
6. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
7. "□" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46



6" Lime Stabilized Base Where P.I. > 15 Lime Included as Bid Item

No Scale

**Lt Curb Curve Data**  
 $\Delta = 29^{\circ}56'52''$   
 $R = 400.00'$   
 $T = 39.54'$   
 $L = 195.11'$

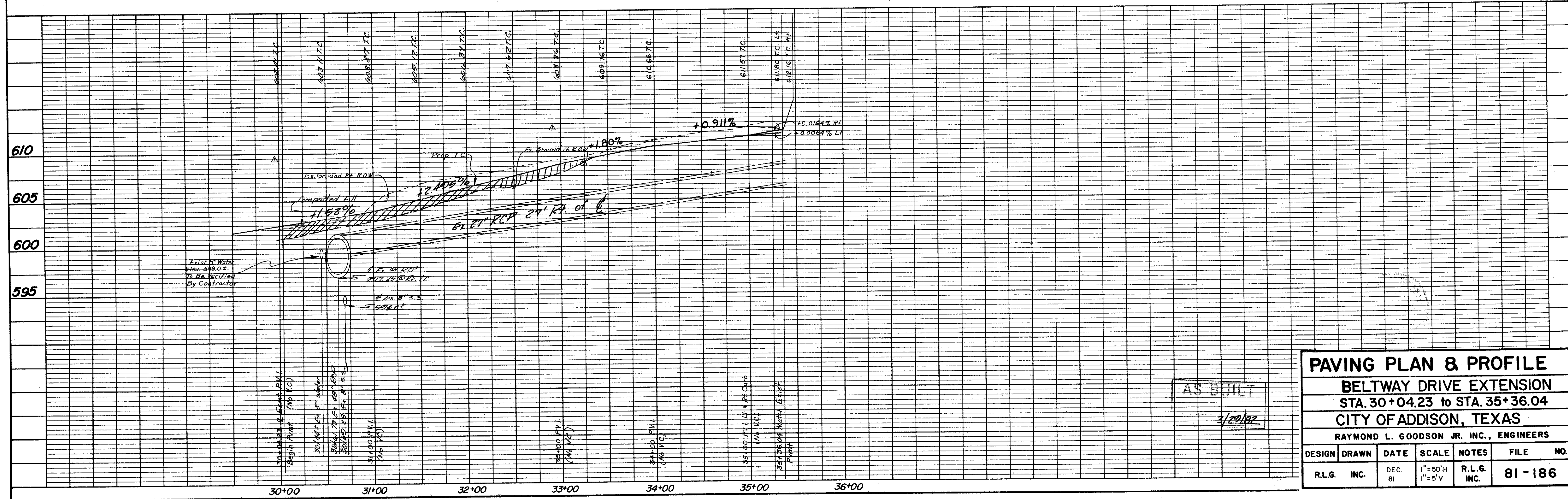
**Rt Curb Curve Data**  
 $\Delta = 11^{\circ}57'01''$   
 $R = 700.00'$   
 $T = 73.27'$   
 $L = 146.00'$

12/28/81 Revised Grades 30+04.23 to 35+00

96 L.F. Saw Cut & Remove Exist. Curb & Gutter. Tie Exist. Steel to Prop. Steel or Dowel & Grout Bars Min. 9" into Exist. Pvmt.

DATE	
BY	
REVISION	
NOTE BOOK	
NO. OF WAY CHECKER	
NO.	

DATE	
BY	
REVISION	
NOTE BOOK	
NO. OF WAY CHECKER	
NO.	



**PAVING PLAN & PROFILE**  
**BELTWAY DRIVE EXTENSION**  
**STA. 30+04.23 to STA. 35+36.04**  
**CITY OF ADDISON, TEXAS**  
**RAYMOND L. GOODSON JR. INC., ENGINEERS**

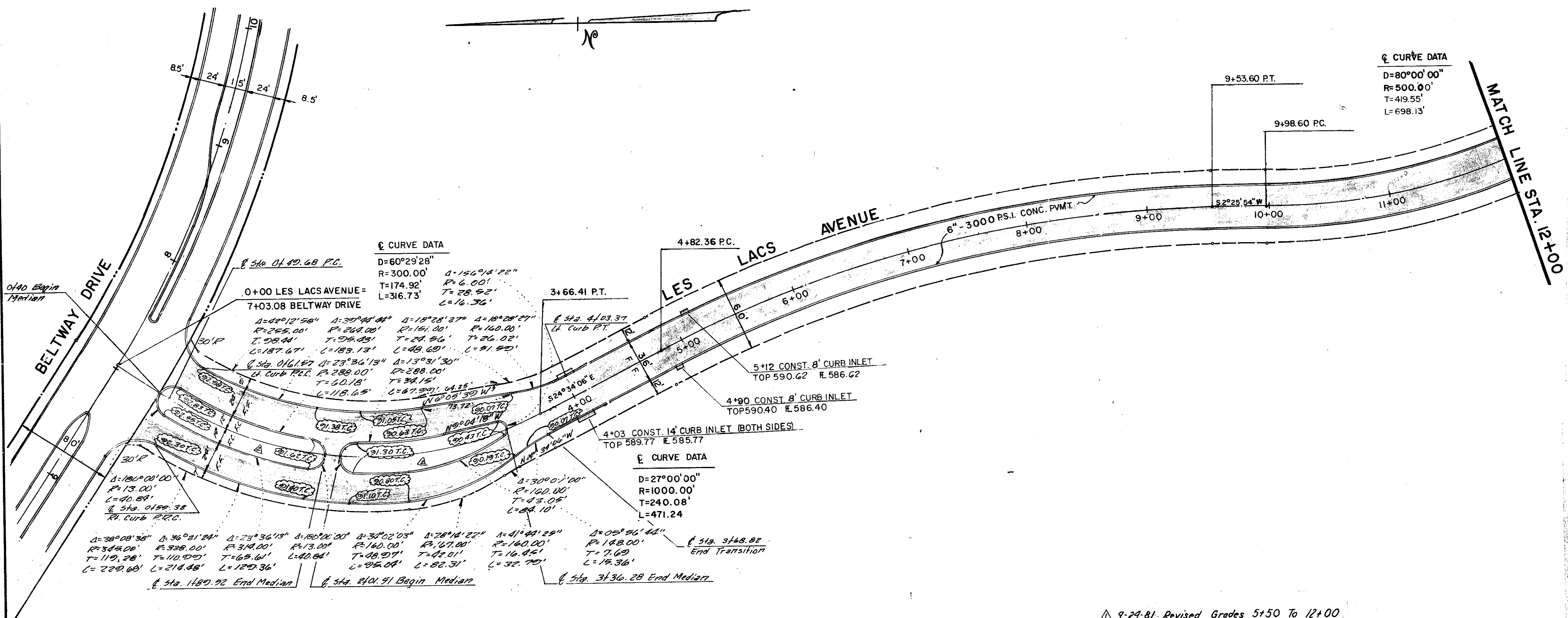
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R.L.G.	INC.	DEC. 81	1"=50'H 1"=5'V	R.L.G. INC.	81-186

A'S BUILT  
 3/29/82



DATE	
BY	
REVISION	
NO.	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISION	
NO.	
PROFILE	
NOTE BOOK	
NO.	



**☺ CURVE DATA**  
 D=80°00'00"  
 R=500.00'  
 T=49.55'  
 L=698.13'

**☺ CURVE DATA**  
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**☺ CURVE DATA**  
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 L=471.24'

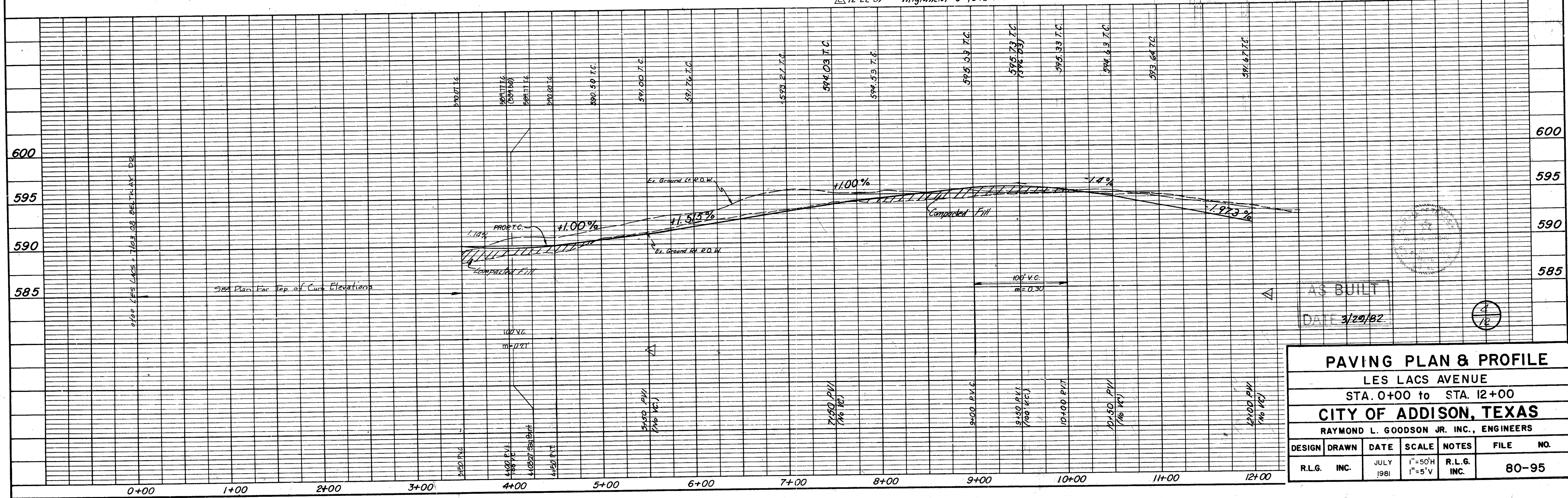
**GENERAL NOTES**

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- "□" Top of Concrete Footing at Northwest Corner Tower #12N-3M-T288. Elev. 605.20
- "□" Top of Concrete Footing at Northwest Corner Tower #12N-3M-T290 at angle point in Tower line. Elev. 613.16
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- "□" Cut at top of Concrete Footing at Tower #12N-2M-T294. Elev. 607.46

▲ 9-29-81 Revised Grades 5+50 To 12+00  
 ▲ 12-22-81 " Alignment 0+40 To 4+00



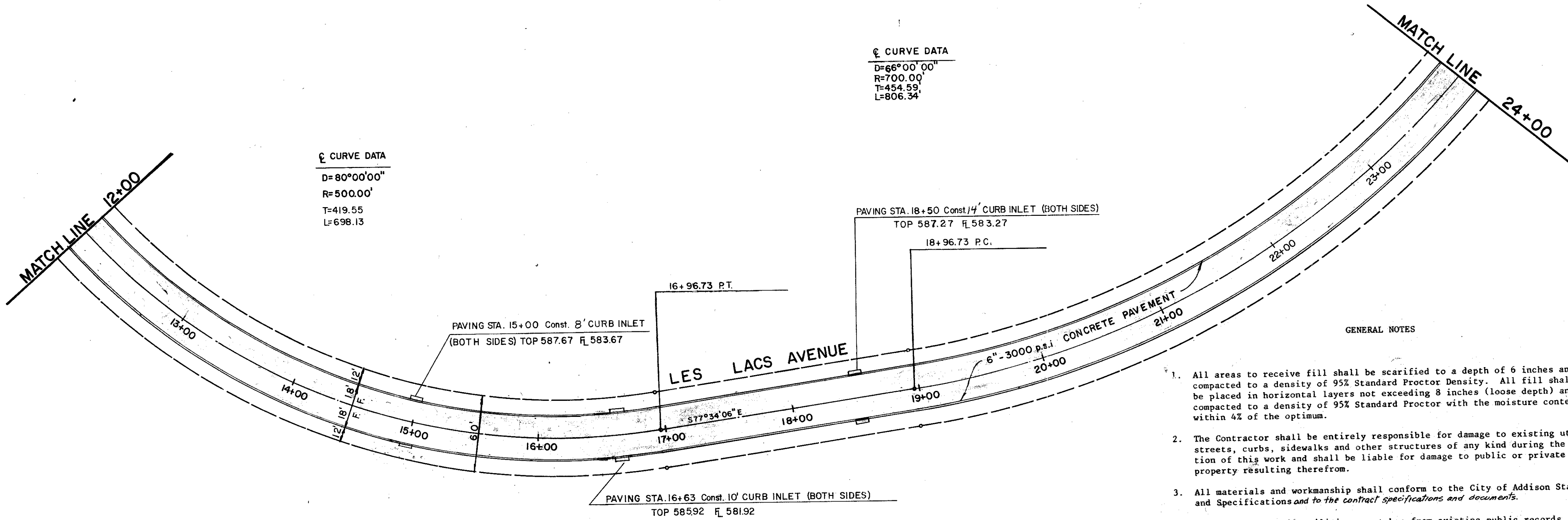
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 DATE 3/20/82

PAVING PLAN & PROFILE						
LES LACS AVENUE						
STA. 0+00 to STA. 12+00						
CITY OF ADDISON, TEXAS						
RAYMOND L. GOODSON JR. INC., ENGINEERS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G.	INC.	JULY 1981	1"=50'H 1"=5'V	R.L.G. INC.		80-95



DATE	
BY	
CHECKED	
APPROVED	
DESIGNED	
DRAWN	
DATE	
BY	
CHECKED	
APPROVED	
DESIGNED	
DRAWN	

DATE	
BY	
CHECKED	
APPROVED	
DESIGNED	
DRAWN	



CURVE DATA  
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 L=806.34'

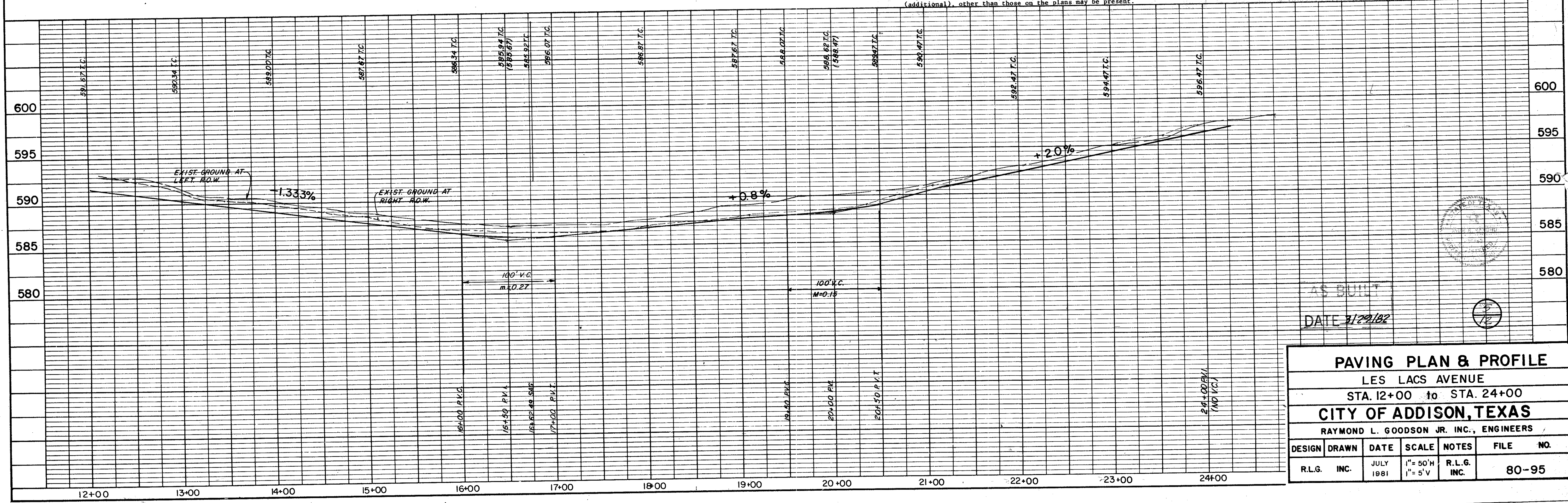
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 R=500.00'  
 T=419.55'  
 L=698.13'

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- " " Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
- " " Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
- " " Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46

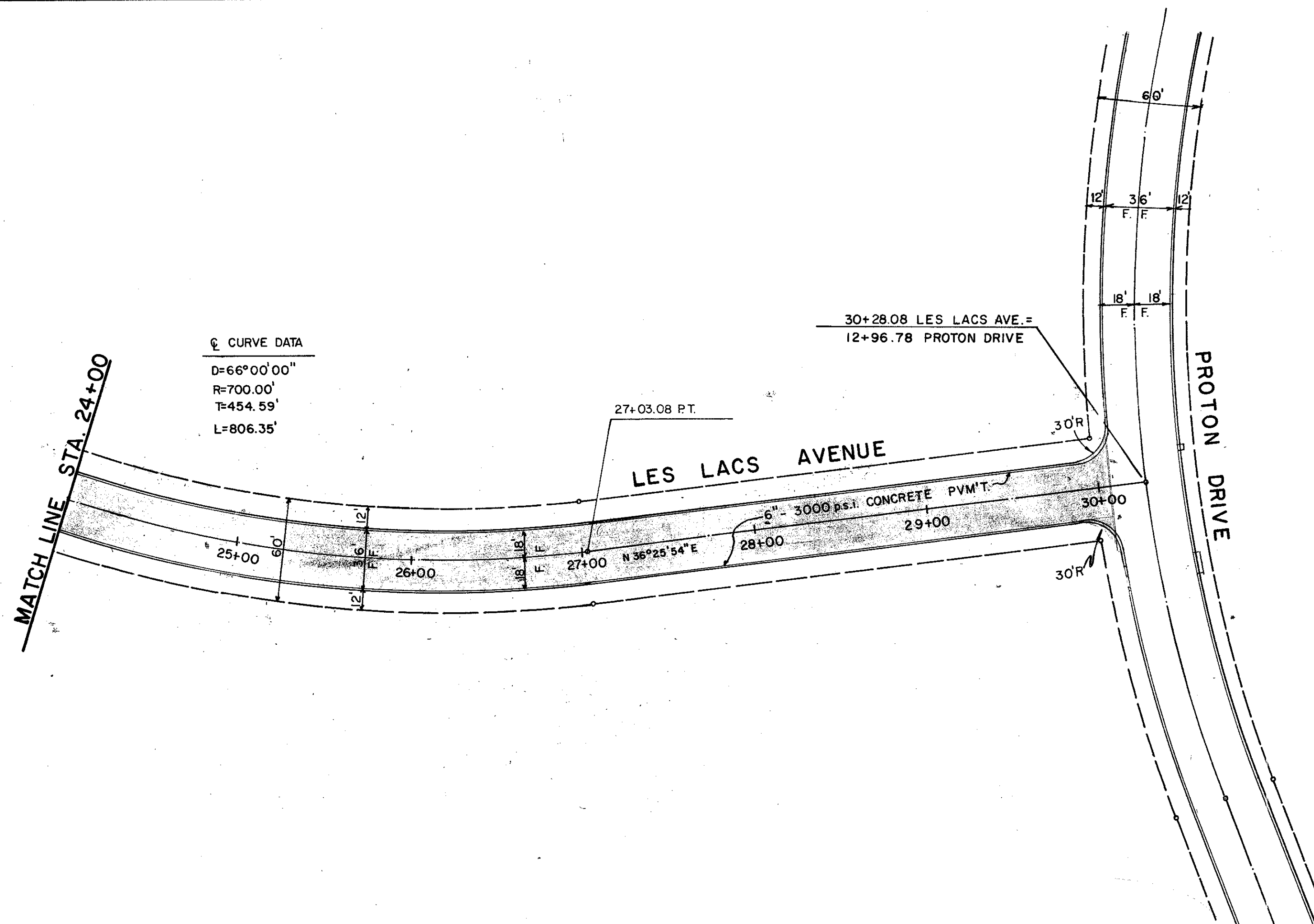


PAVING PLAN & PROFILE						
LES LACS AVENUE						
STA. 12+00 to STA. 24+00						
CITY OF ADDISON, TEXAS						
RAYMOND L. GOODSON JR. INC., ENGINEERS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G.	INC.	JULY 1981	1" = 50'H 1" = 5'V	R.L.G. INC.		80-95



DATE  
BY  
SURVEYED  
ALIGNED CHECKED  
NOTE BOOK  
No.

DATE  
BY  
SURVEYED  
GRADE CHECKED  
NOTE BOOK  
No.

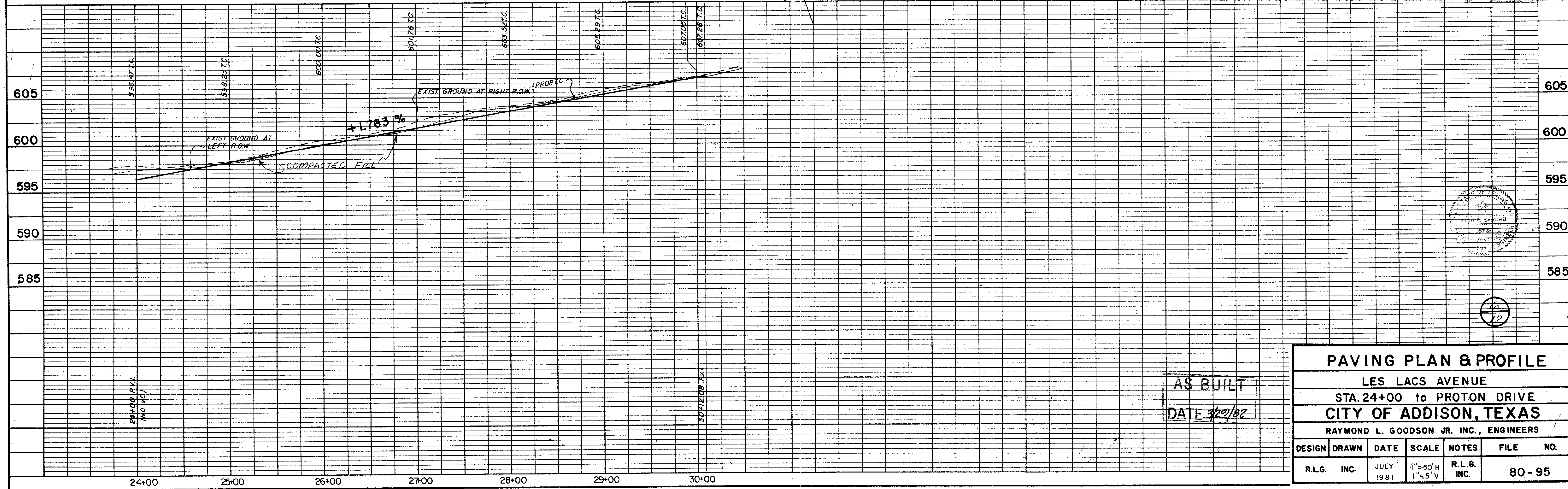


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- "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-2788. Elev. 605.20
- "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-2790 at angle point in Tower line. Elev. 613.36
- "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-2791. Elev. 619.46
- "□" Cut at top of Concrete Footing at Tower #12N-2W-2784. Elev. 607.44



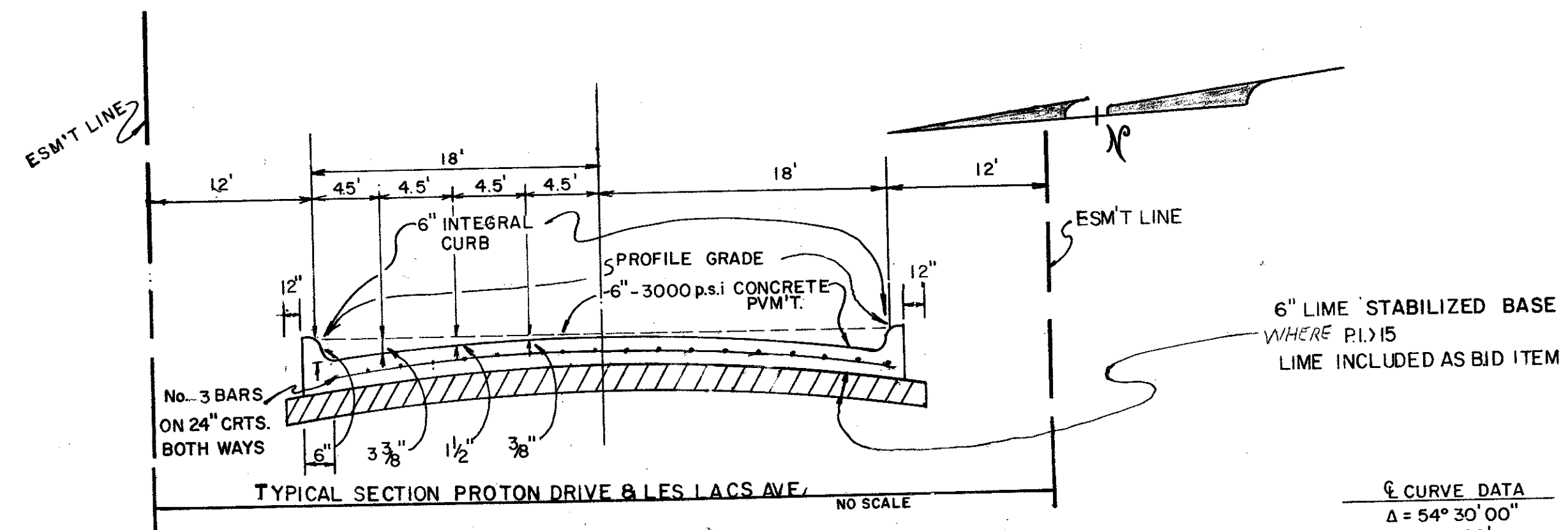
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PAVING PLAN & PROFILE					
LES LACS AVENUE					
STA. 24+00 to PROTON DRIVE					
CITY OF ADDISON, TEXAS					
RAYMOND L. GOODSON JR. INC., ENGINEERS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
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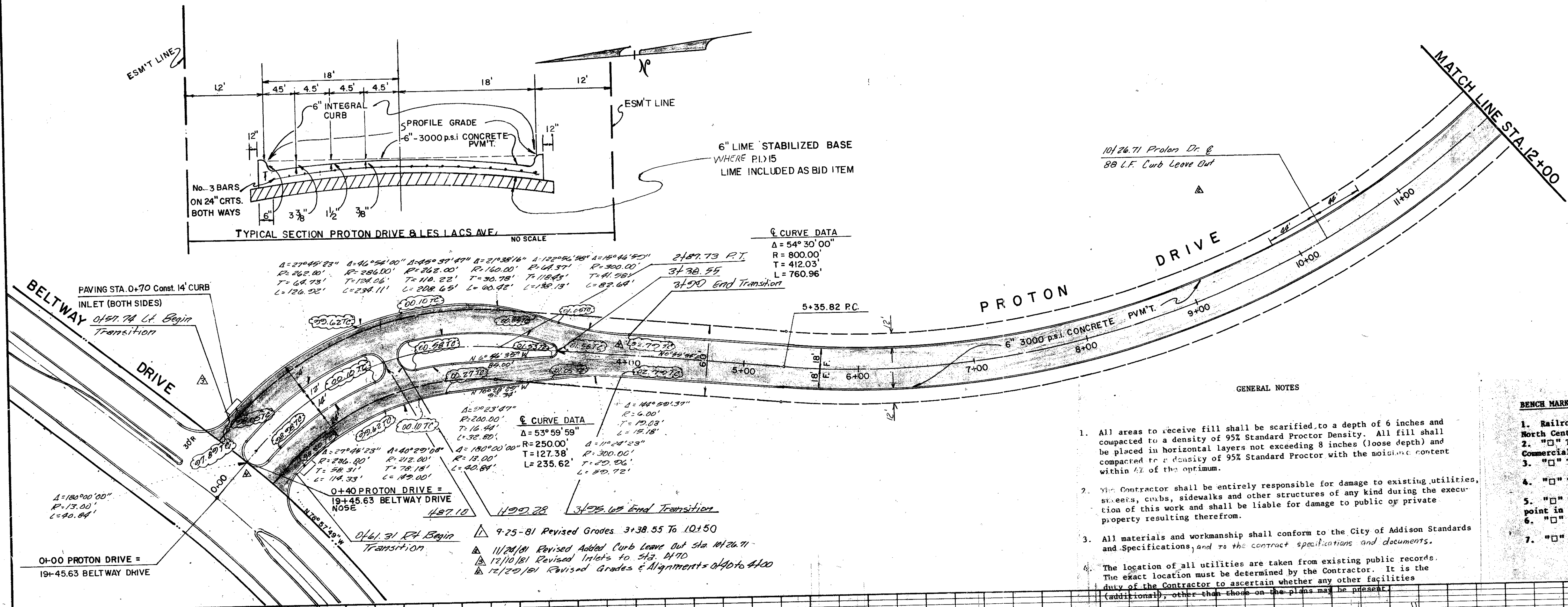
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10/26/71 Proton Dr. & 88 L.F. Curb Leave Out

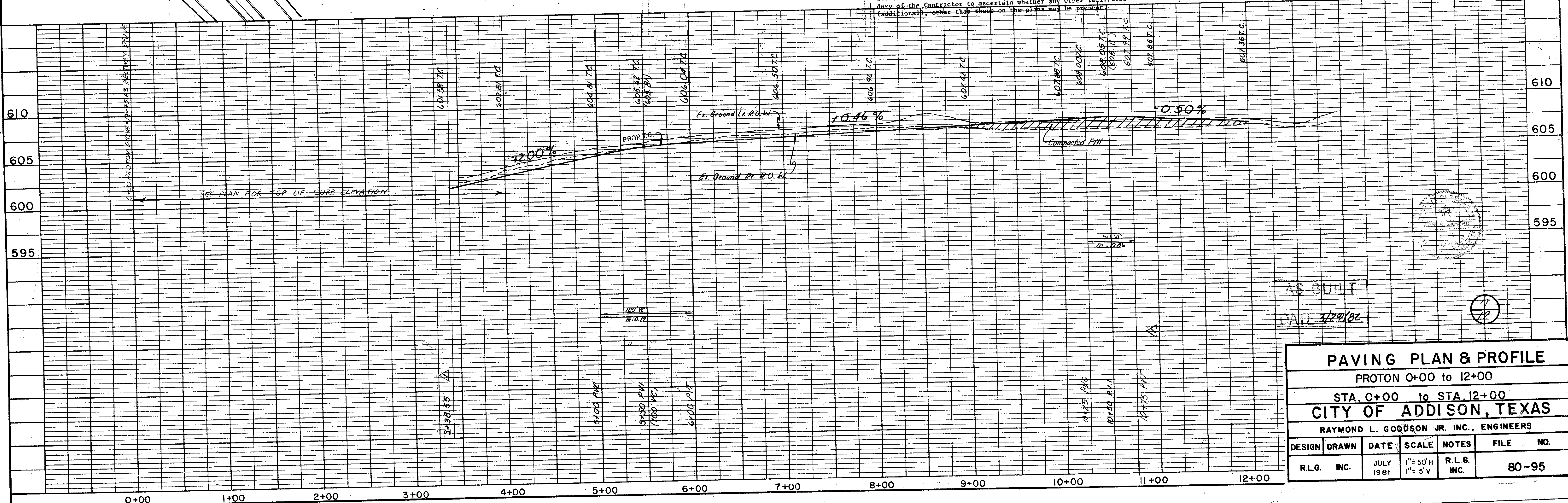


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- BENCH MARKS
- Railroad Spike in 12\"/>



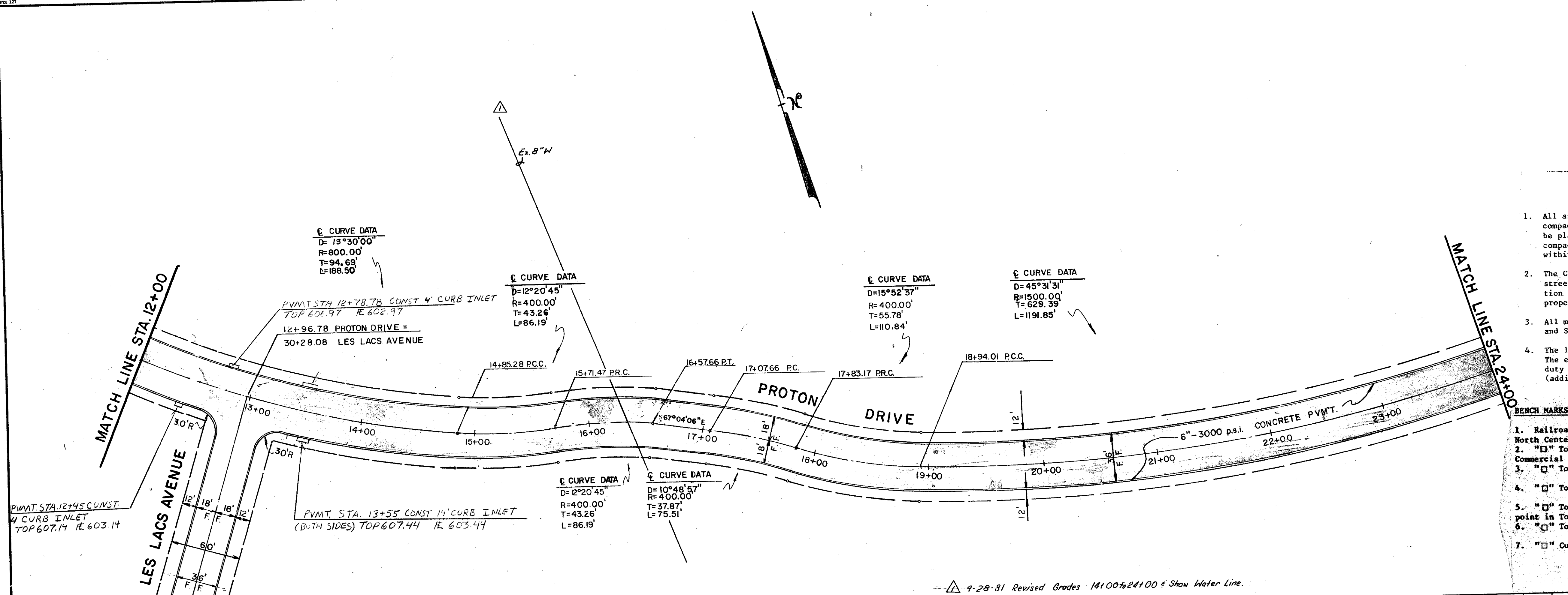
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DATE 3/29/82

PAVING PLAN & PROFILE						
PROTON 0+00 to 12+00						
STA. 0+00 to STA. 12+00						
CITY OF ADDISON, TEXAS						
RAYMOND L. GOODSON JR. INC., ENGINEERS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G.	INC.	JULY 1981	1\"/>			



DATE	
BY	
REVISION	
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PLAN	
NOTE BOOK	
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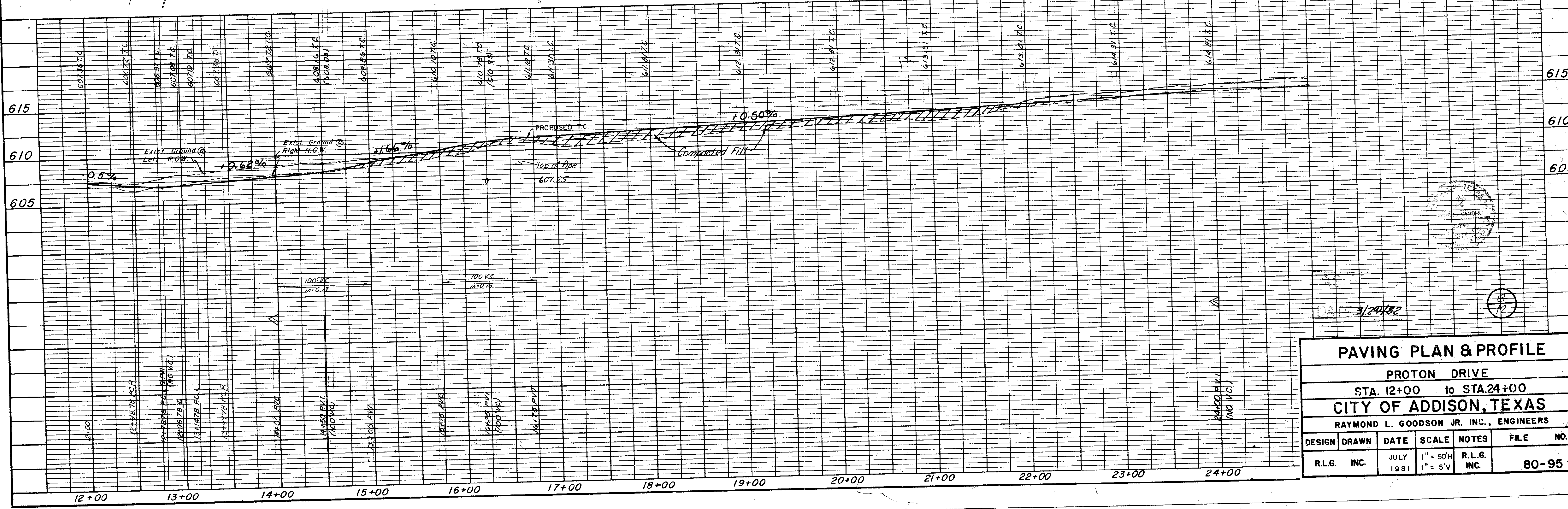
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NO.	
PROFILE	
NOTE BOOK	
NO.	



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  - "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
  - "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  - "□" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46

9-28-81 Revised Grades 14100% & 14100% Show Water Line.



PAVING PLAN & PROFILE						
PROTON DRIVE						
STA. 12+00 to STA. 24+00						
CITY OF ADDISON, TEXAS						
RAYMOND L. GOODSON JR. INC., ENGINEERS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G.	INC.	JULY 1981	1" = 50'H 1" = 5'V	R.L.G. INC.		80-95

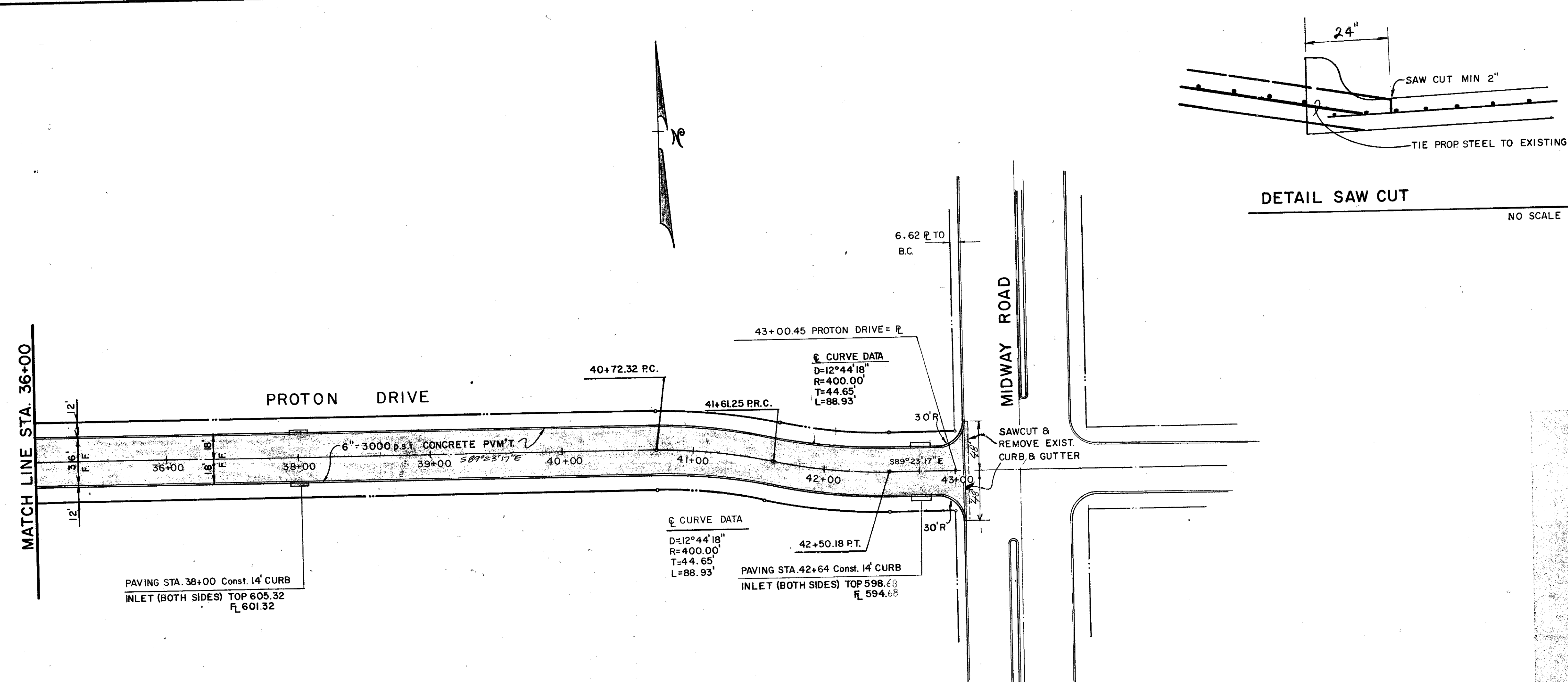






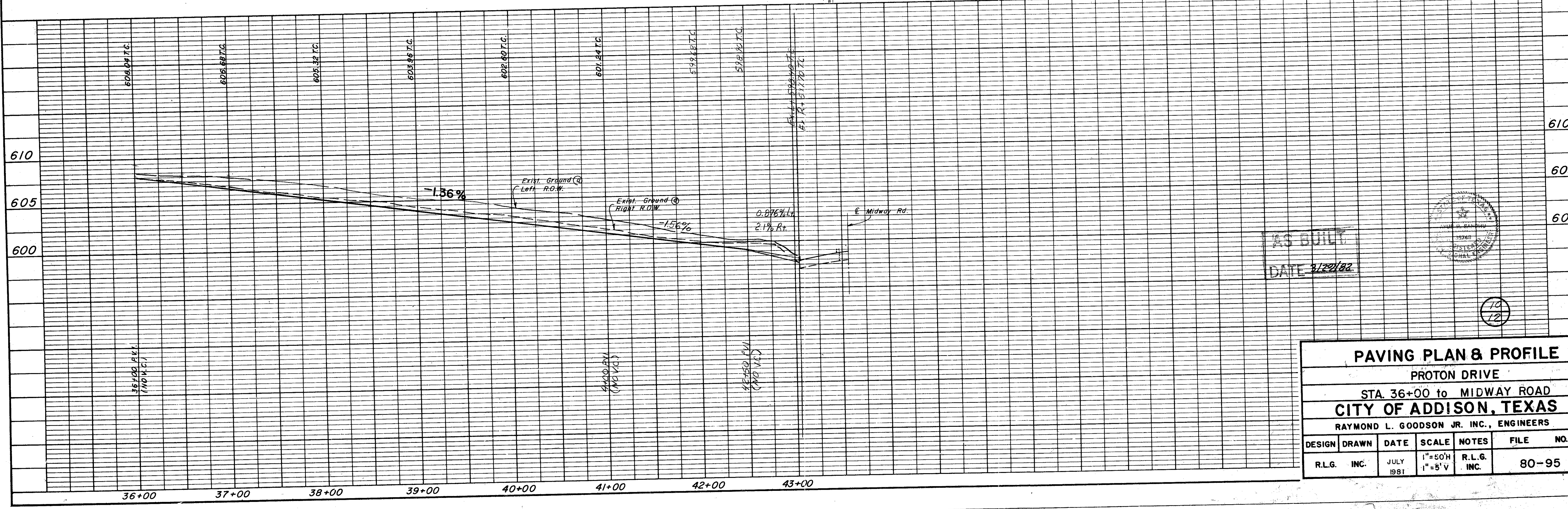
DATE	
BY	
REVISION	
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NO. 13	
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- GENERAL NOTES**
- All areas to receive fill shall be scarified to a depth of 6 inches and compacted to a density of 95% Standard Proctor Density. All fill shall be placed in horizontal layers not exceeding 8 inches (loose depth) and compacted to a density of 95% Standard Proctor with the moisture content within 4% of the optimum.
  - The Contractor shall be entirely responsible for damage to existing utilities, streets, curbs, sidewalks and other structures of any kind during the execution of this work and shall be liable for damage to public or private property resulting therefrom.
  - All materials and workmanship shall conform to the City of Addison Standards and Specifications, and to the contract specifications and documents.
  - The location of all utilities are taken from existing public records. The exact location must be determined by the Contractor. It is the duty of the Contractor to ascertain whether any other facilities (additional), other than those on the plans may be present.

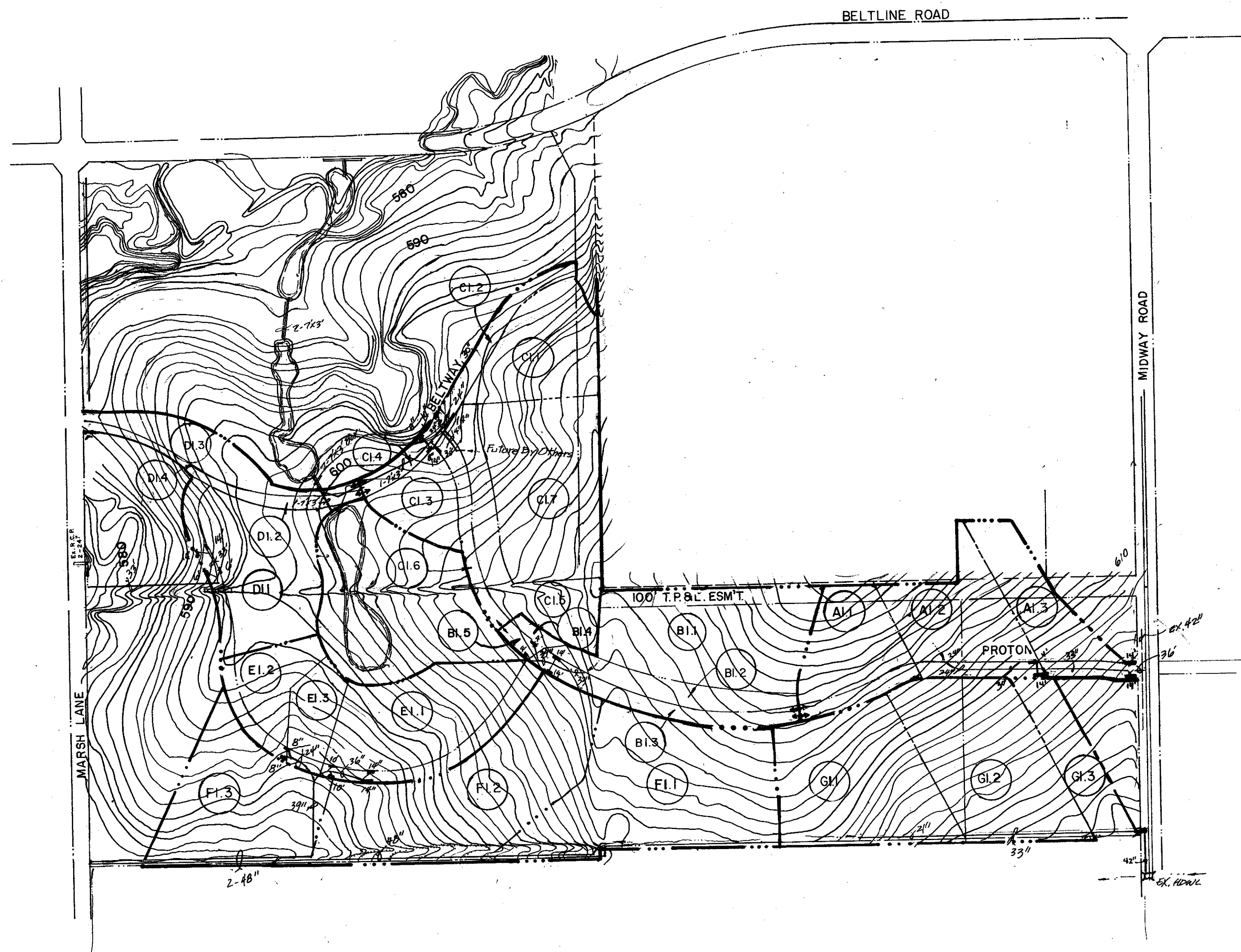
- BENCH MARKS**
- Railroad Spike in 12" Willow 250 feet East Centerline Old Marsh Lane & 75 feet North Centerline Belt Line. Elev. 596.32
  - " " Top of curb at the Center of a 10' inlet and 75 feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
  - " " Top of Concrete Footing at Southeast Corner Tower #12N-3W-T281. Elev. 597.33
  - " " Top of Concrete Footing at Northwest Corner Tower #12N-3W-T281. Elev. 605.20
  - " " Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
  - " " Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  - " " Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46



AS BUILT  
DATE 8/20/82

PAVING PLAN & PROFILE						
PROTON DRIVE						
STA. 36+00 to MIDWAY ROAD						
CITY OF ADDISON, TEXAS						
RAYMOND L. GOODSON JR. INC., ENGINEERS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G. INC.	INC.	JULY 1981	1"=50'H 1"=5'V	R.L.G. INC.		80-95





**LEGEND**

----- DRAINAGE DIVIDE LINE

(DI) DRAINAGE AREA NUMBER

30" 18" 10" 10" STORM SEWER AND INLETS

LINE	NO.	ACRES	C	TIME	I	O	SIZE	REMARKS
A	AI.1	6.06	0.7	15	6.6	28.0		FROM FUTURE SYSTEM
	AI.2	7.3	"	"	"	33.7	2-14'	5.8 BY PASS
	AI.3	4.7	0.8	10	7.5	31.7	2-14'	9.5 " "
B	BI.1	10.6	0.7	15	6.6	49.0		INTO FUTURE SYSTEM
	BI.2	2.6	"	"	"	12.0		TO BI.3
	BI.3	"	0.9	10	7.5	17.6	2-14'	NO BY PASS
	BI.4	0.6	0.7	"	6.6	2.8		TO BI.5
	BI.5	0.5	0.9	"	7.5	3.4	2-4'	NO BY PASS
C	CI.1	6.3	0.3	15	6.6	12.5		12.5 TO CI.2
	CI.2	1.8	0.9	"	"	10.7	2-14'	10.7 + 12.5 TO CI.6
	CI.3	2.9	0.7	"	"	13.4		13.4 TO CI.4
	CI.4	0.6	0.9	"	"	3.6	2-8'	1.0 BY PASS
	CI.5	5.1	0.7	"	"	23.6		23.6 TO CI.6
	CI.6	2.0	0.9	"	"	11.9	2-14'	7.5 BY PASS
	CI.7	10.0	0.7	15	6.6	46.2	2-14'	FUTURE DEVELOPMENT
D	DI.1	10.3	0.7	15	6.6	53.5	2-14' 82-6'	SAG
	DI.2	1.3	0.9	10	7.5	8.8		INTO DI.1
	DI.3	2.7	0.8	"	7.5	18.2		INTO MARSH LANE
	DI.4	0.6	0.9	"	"	4.0		" " "
E	EI.1	8.2	0.7	15	6.6	38.0	2-14'	10.0 BY PASS
	EI.2	3.8	"	"	"	17.5	2-8'	1.5 " "
	EI.3	2.8	"	"	"	12.9	2-10'	SAG (68.4 TOTAL)
F	FI.1	15.4	0.7	15	6.6	71.1		
	FI.2	14.0	"	"	"	64.7		
	FI.3	9.2	"	"	"	42.5		
G	GI.1	10.6	0.7	15	6.6	49.0		
	GI.2	11.7	0.8	"	"	61.8		
	GI.3	4.1	0.8	"	"	21.6		



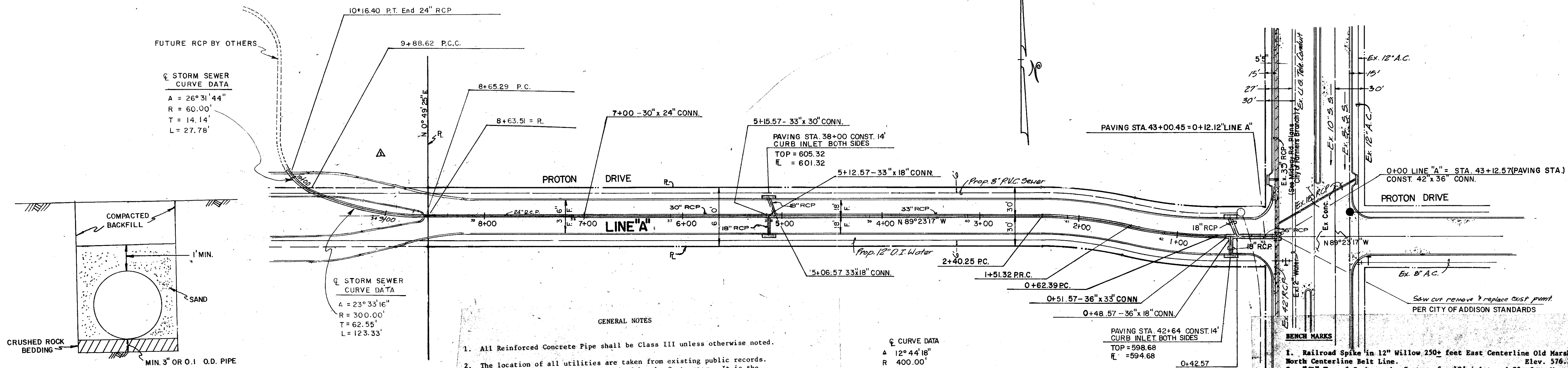
1/5

AS BUILT  
DATE 3/29/82

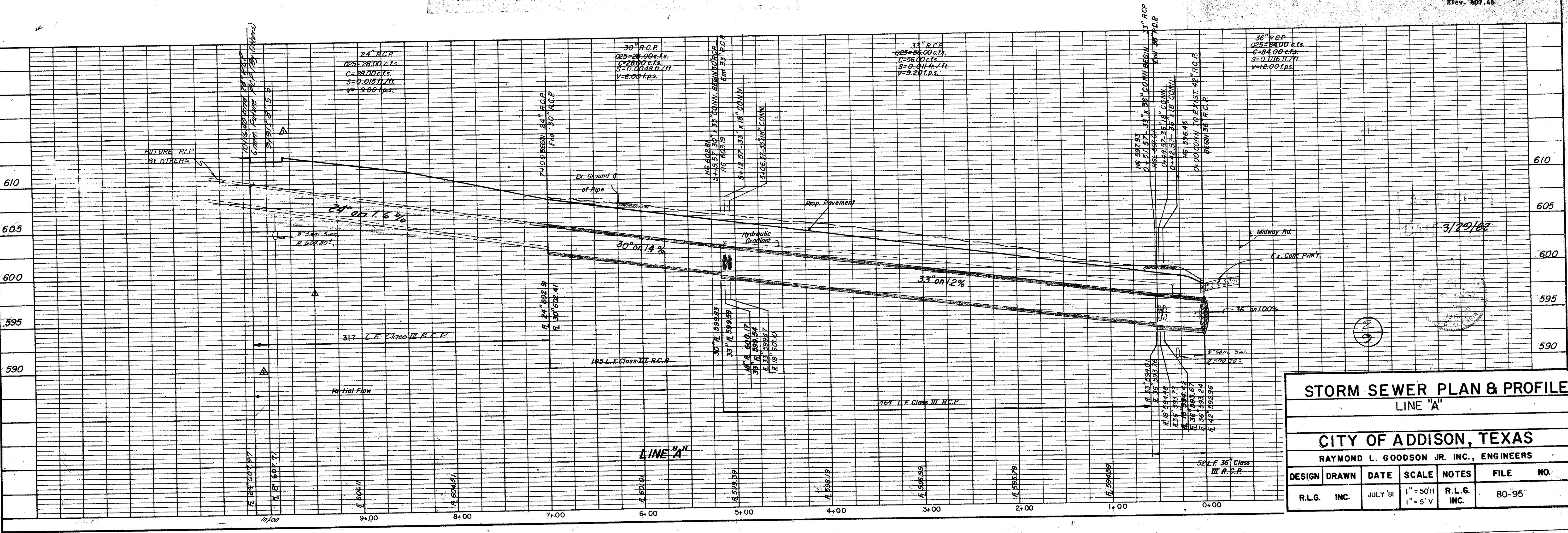
DRAINAGE AREA MAP					
RAYMOND L. GOODSON JR., INC., CONSULTING ENGINEERS					
CITY OF ADDISON, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.L.G.		JULY 1981	1"=400'	R.L.G.	80-95



DATE	
BY	
REVISION	
NO.	
PLAN	
NOTE BOOK	
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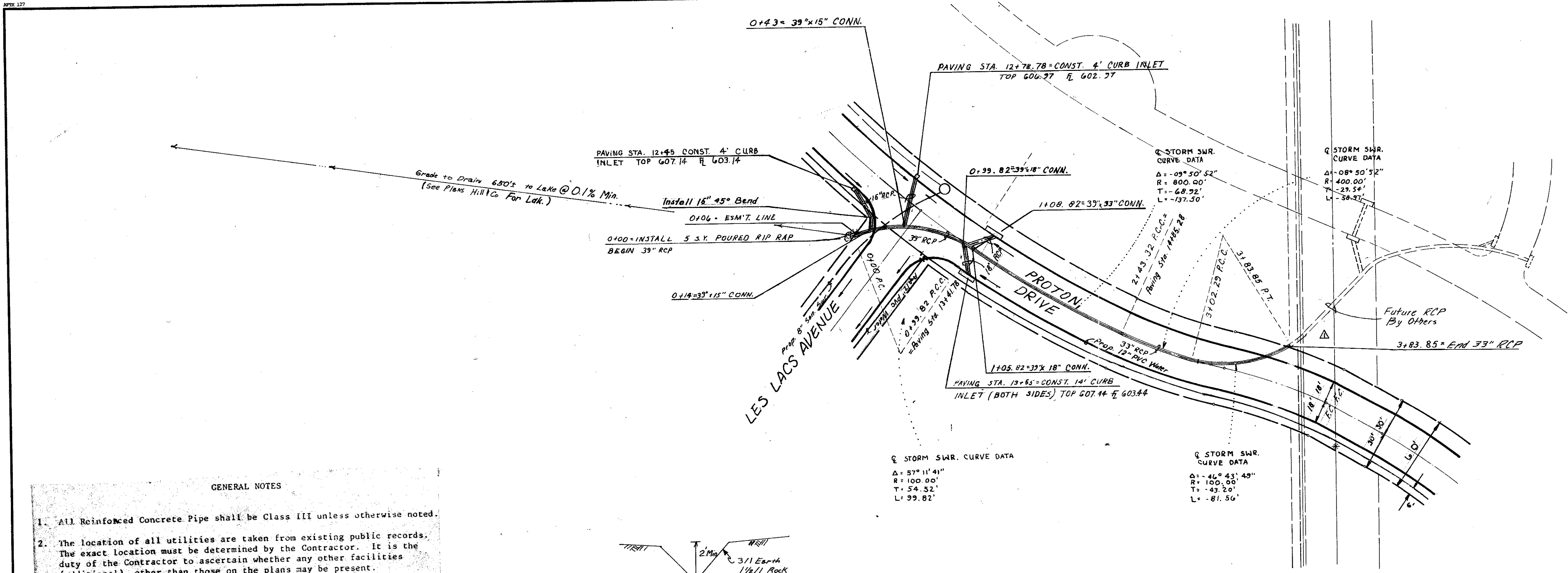
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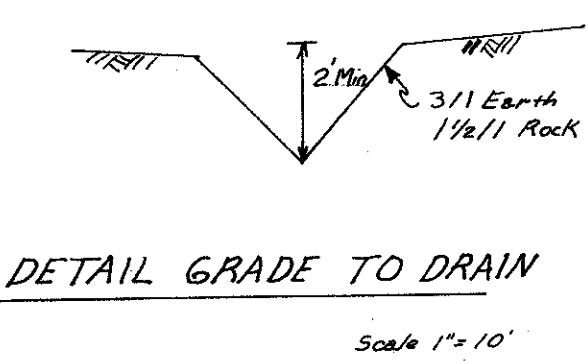


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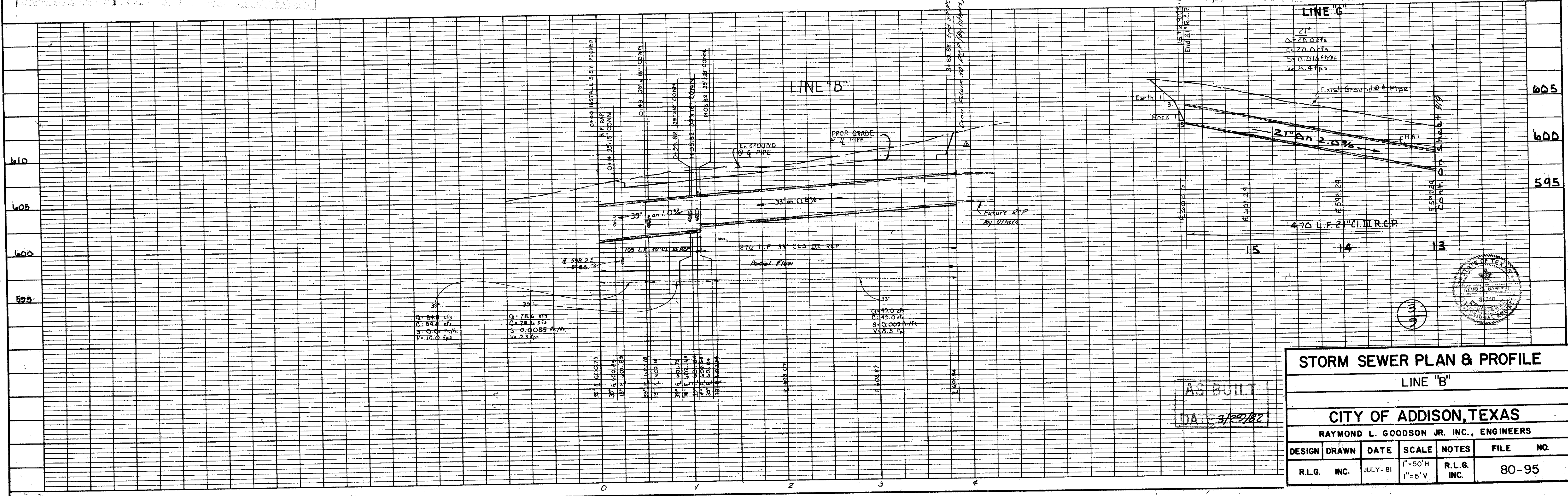
DATE	
BY	
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NOTE BOOK	
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- GENERAL NOTES**
- All Reinforced Concrete Pipe shall be Class III unless otherwise noted.
  - The location of all utilities are taken from existing public records. The exact location must be determined by the Contractor. It is the duty of the Contractor to ascertain whether any other facilities (additional), other than those on the plans may be present.
  - Embedment is subsidiary to RCP.
  - All backfill shall be compacted to 90% Standard Proctor Density in a maximum of six 8-inch lifts.
  - All work and materials shall be in accordance with the City of Addison Standards and Specifications and to contract specifications and documents.



- BENCH MARKS**
- Railroad Spike in 12" Willow 250' East Centerline Old Marsh Lane & 75' West North Centerline Belt Line. Elev. 576.32
  - "□" Top of Curb at the Center of a 10' inlet and 75' West of Centerline Commercial at the North Side of Belle Line Road. Elev. 580.83
  - "□" Top of Concrete Footing at Southeast Corner Tower #12N-3W-T287. Elev. 597.83
  - "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T285. Elev. 605.20
  - "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at a Le point in Tower line. Elev. 613.16
  - "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  - "□" Cut at top of Concrete Footing at Tower #12N-3W-T294. Elev. 607.46

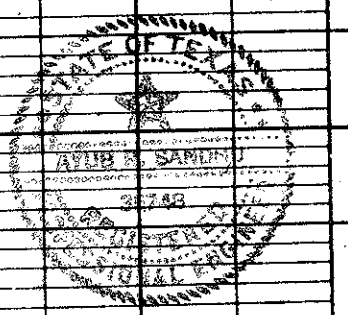


AS BUILT  
DATE 3/22/82

**STORM SEWER PLAN & PROFILE**  
LINE "B"

**CITY OF ADDISON, TEXAS**  
RAYMOND L. GOODSON JR. INC., ENGINEERS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.L.G. INC.	INC.	JULY-81	1"=50'H 1"=5'V	R.L.G. INC.	80-95













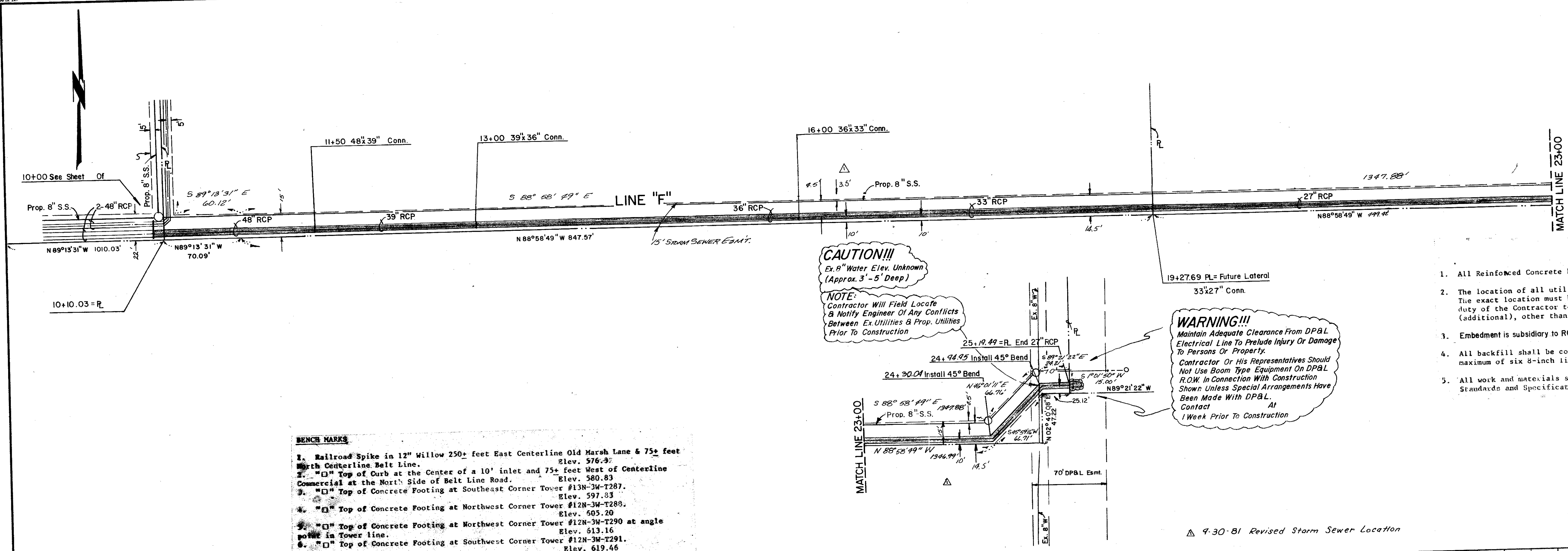








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**CAUTION!!!**  
 Ex. 8" Water Elev. Unknown (Approx. 3'-5" Deep)

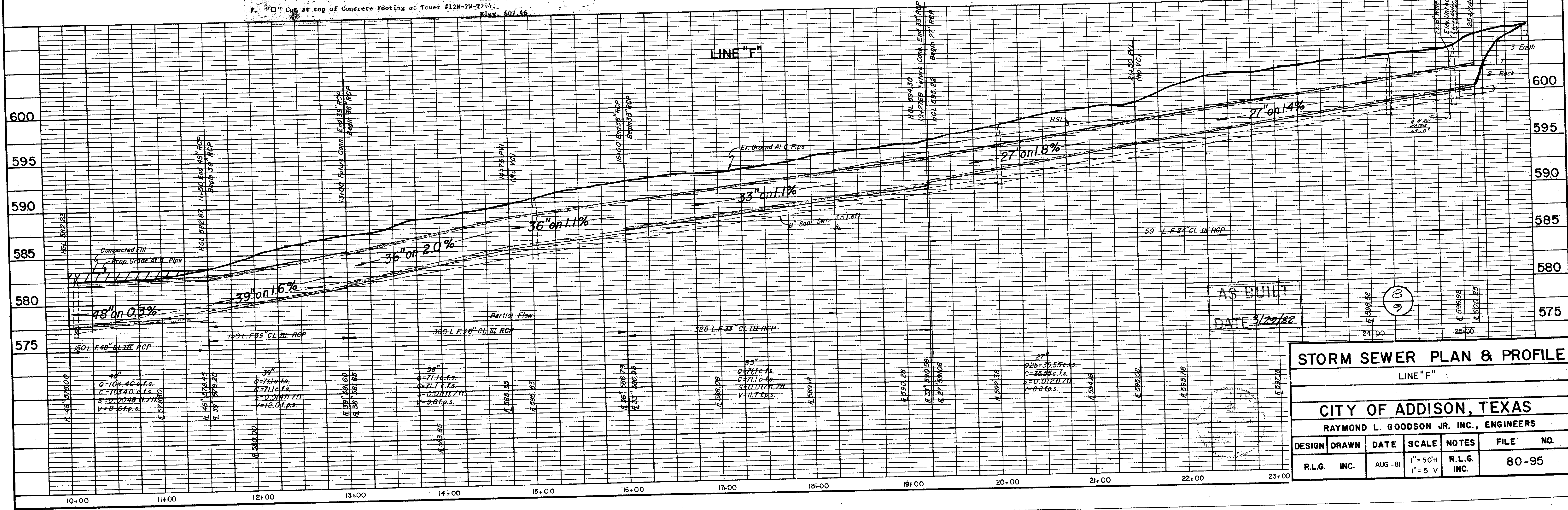
**NOTE:**  
 Contractor Will Field Locate & Notify Engineer Of Any Conflicts Between Ex. Utilities & Prop. Utilities Prior To Construction

**WARNING!!!**  
 Maintain Adequate Clearance From DPBL Electrical Line To Preclude Injury Or Damage To Persons Or Property. Contractor Or His Representatives Should Not Use Boom Type Equipment On DPBL R.O.W. In Connection With Construction Show. Unless Special Arrangements Have Been Made With DPBL. Contact At 1 Week Prior To Construction

- GENERAL NOTES
1. All Reinforced Concrete Pipe shall be Class III unless otherwise noted.
  2. The location of all utilities are taken from existing public records. The exact location must be determined by the Contractor. It is the duty of the Contractor to ascertain whether any other facilities (additional), other than those on the plans are present.
  3. Embedment is subsidiary to RCP.
  4. All backfill shall be compacted to 90% Standard Proctor Density in a maximum of six 8-inch lifts.
  5. All work and materials shall be in accordance with the City of Addison Standards and Specifications and to contract specifications and documents.

- BENCH MARKS**
1. Railroad Spike in 12" Willow 250+ feet East Centerline Old Marsh Lane & 75+ feet North Centerline Belt Line. Elev. 576.92
  2. "□" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the West Side of Belt Line Road. Elev. 580.83
  3. "□" Top of Concrete Footing at Southeast Corner Tower #13N-3W-T287. Elev. 597.33
  4. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 595.20
  5. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
  6. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  7. "□" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46

DATE	
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REVISIONS	
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DATE	
BY	
REVISIONS	
NO.	



AS BUILT  
 DATE 3/29/82

**STORM SEWER PLAN & PROFILE**  
 LINE "F"

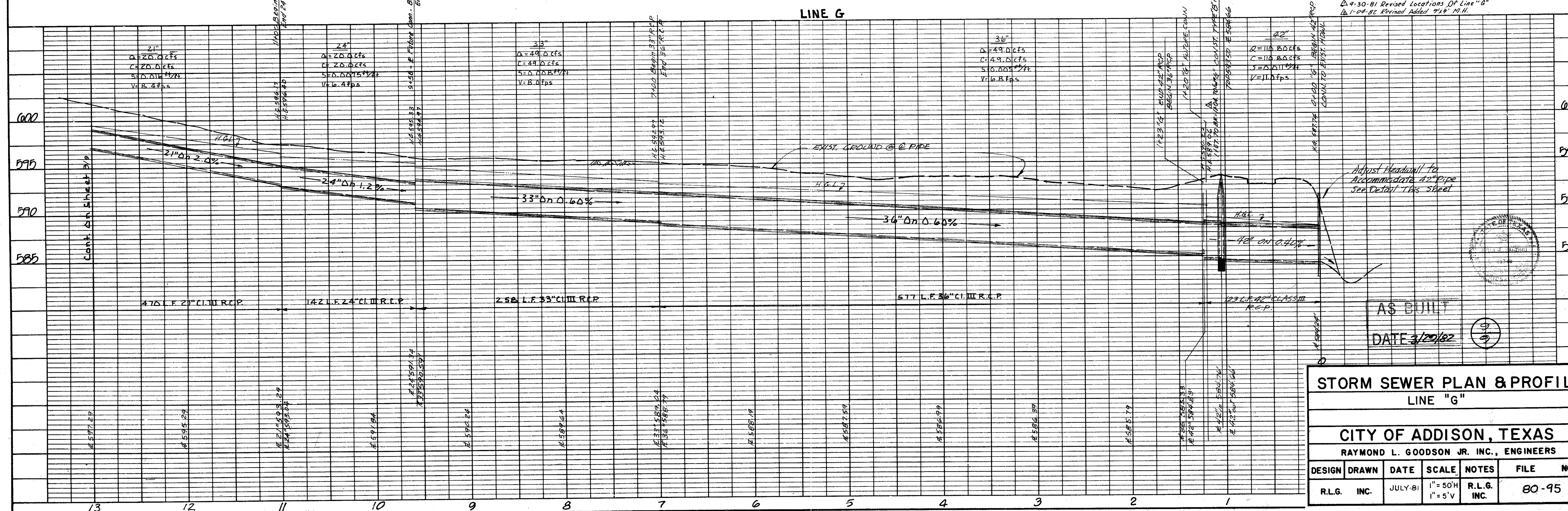
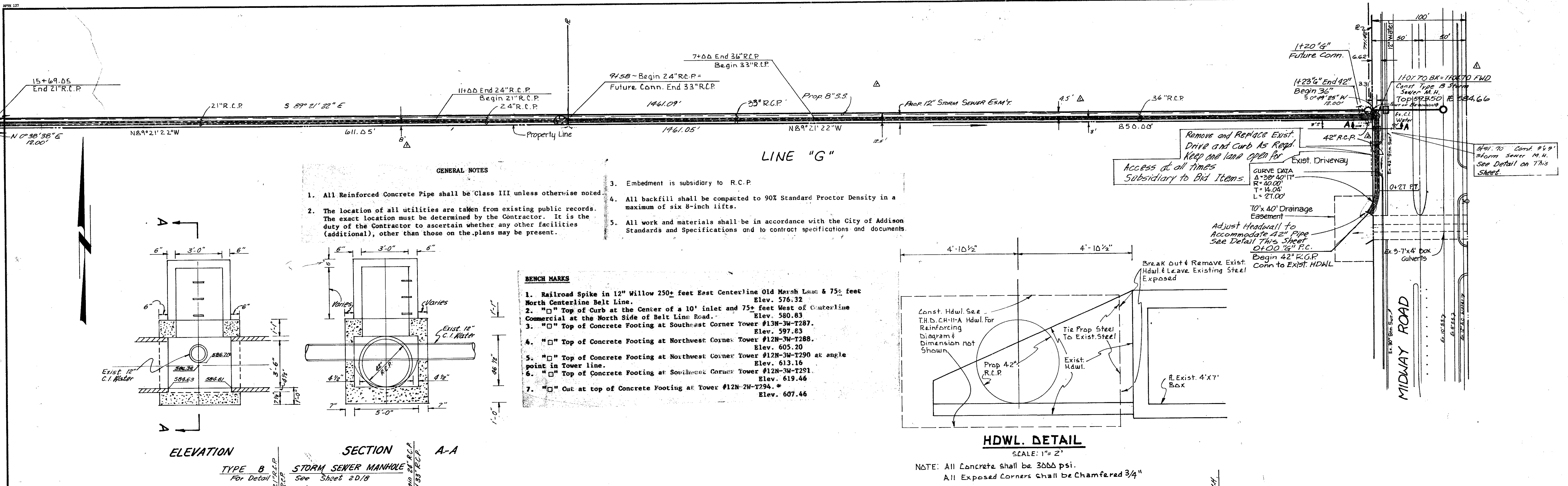
**CITY OF ADDISON, TEXAS**  
 RAYMOND L. GOODSON JR. INC., ENGINEERS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.L.G.	INC.	AUG-81	1" = 50'H 1" = 5' V	R.L.G. INC.	80-95

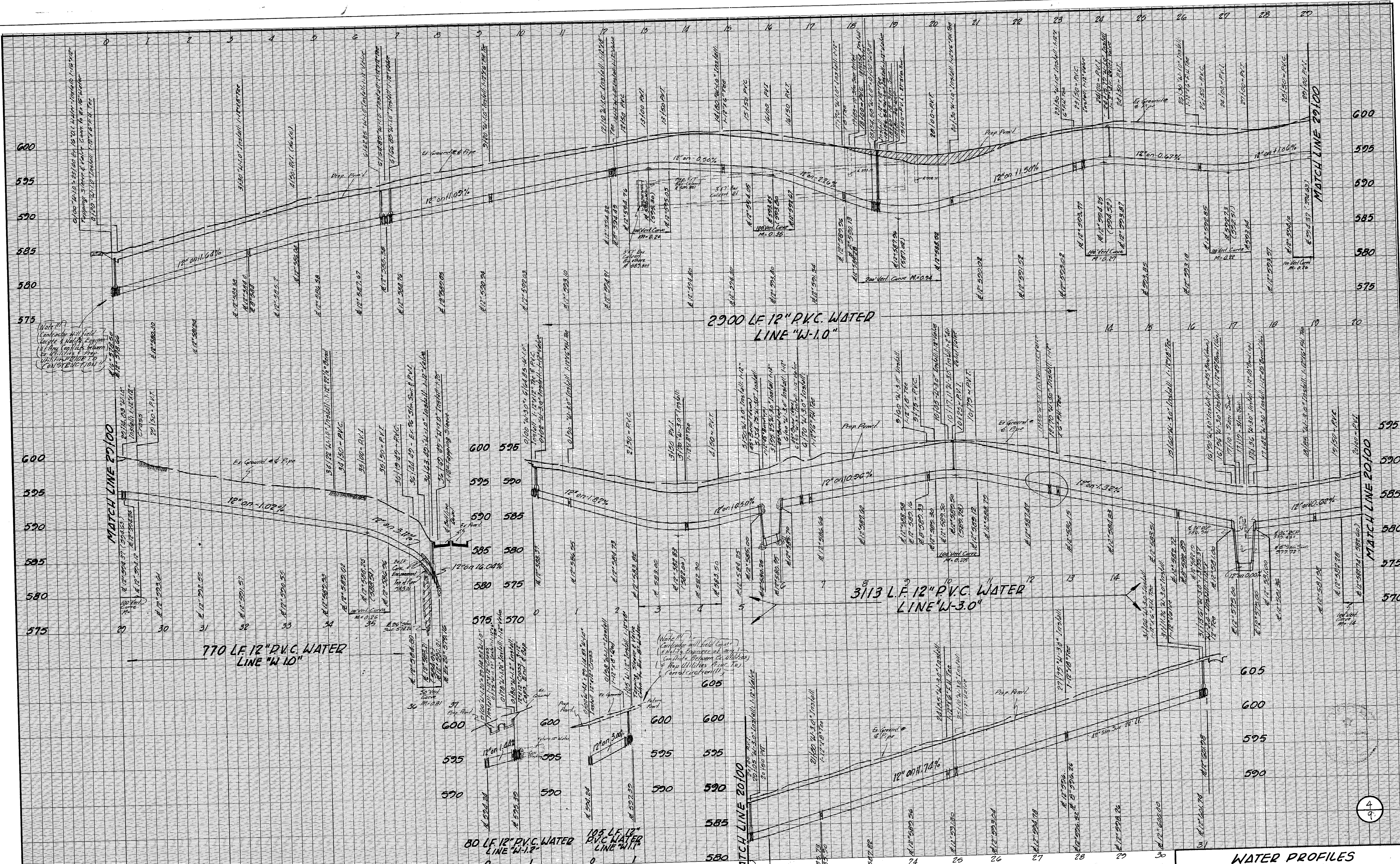


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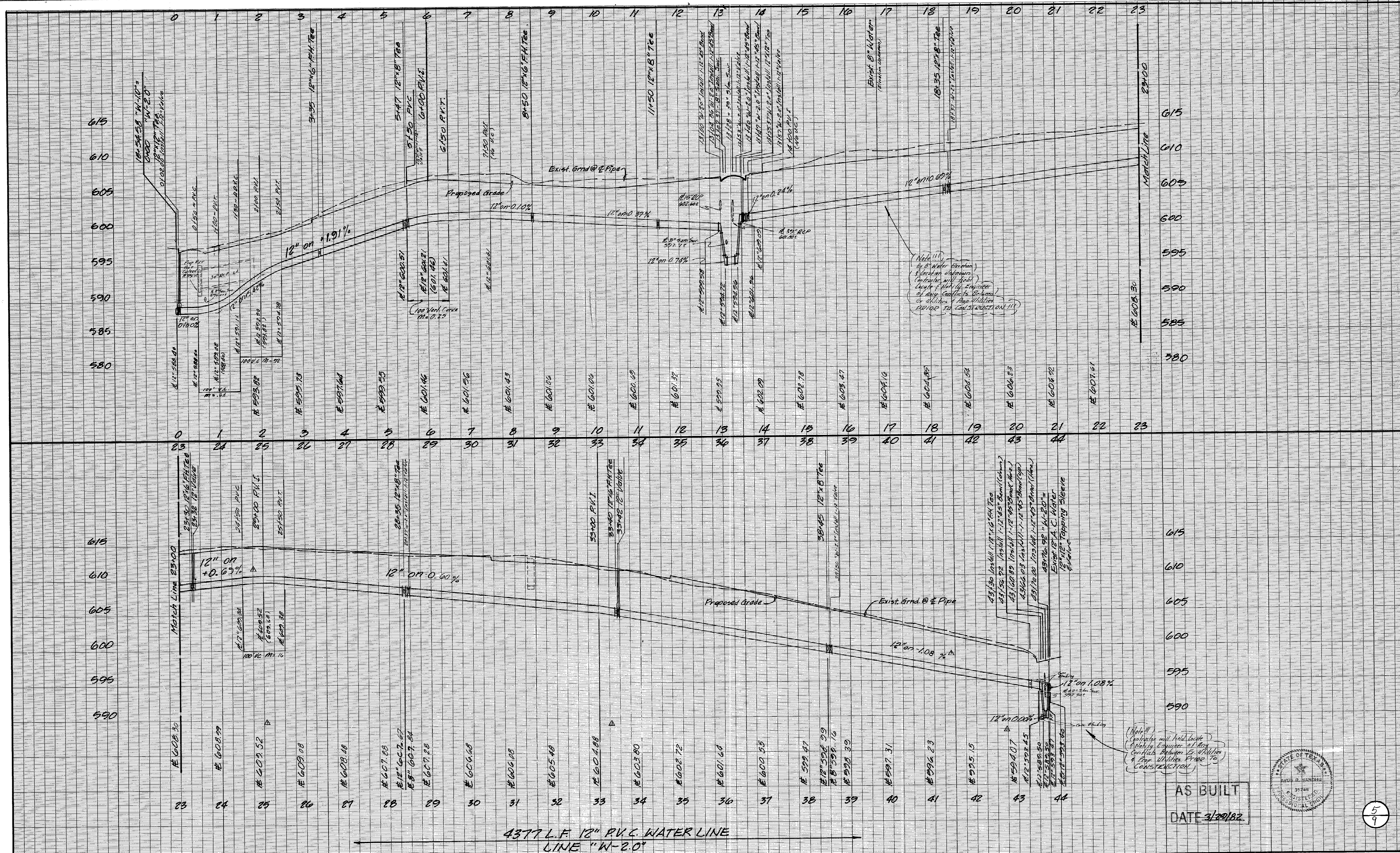


- BENCH MARKS**
1. Railroad Spike in 12" Willow 250+ feet East Centerline Old Marsh Lane & 75+ feet North Centerline Belt Line. Elev. 576.32
  2. "C" Top of Curb at the Center of West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
  3. "C" Top of Concrete Footing at Southeast Corner Tower #128-3W-T287. Elev. 597.83
  4. "C" Top of Concrete Footing at Northwest Corner Tower #128-3W-T285. Elev. 605.20
  5. "C" Top of Concrete Footing at Northwest Corner Tower #128-3W-T290 at angle point in Tower line. Elev. 613.16
  6. "C" Top of Concrete Footing at Southwest Corner Tower #128-3W-T291. Elev. 619.46
  7. "C" Cut at top of Concrete Footing at Tower #128-2W-T294. Elev. 607.46

WATER PROFILES						
LINES "W-1.0", "W-3.0", "W-1.1" & "W-1.2"						
RAYMOND L. GOODSON JR. INC., ENGINEERS						
CITY OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
RLG	RLG	July, 1981	1"=40' H, 1"=60' V	RLG		

AS BUILT  
DATE 3/29/82





4377 L.F. 12" R.V.C. WATER LINE  
LINE "W-2.0"

Revised 10-21-81 Changed Grades & Flow Lines.

- BENCH MARKS**
1. Railroad Spike in 12" Willow 250+ feet East Centerline Old Marsh Lane & 75+ feet North Centerline Belt Line. Elev. 576.32
  2. "□" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
  3. "□" Top of Concrete Footing at Southeast Corner Tower #13N-3W-T287. Elev. 597.93
  4. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 605.20
  5. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
  6. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  7. "□" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46

AS BUILT  
DATE 3/29/82



**WATER PROFILE**  
LINE "W-2.0"

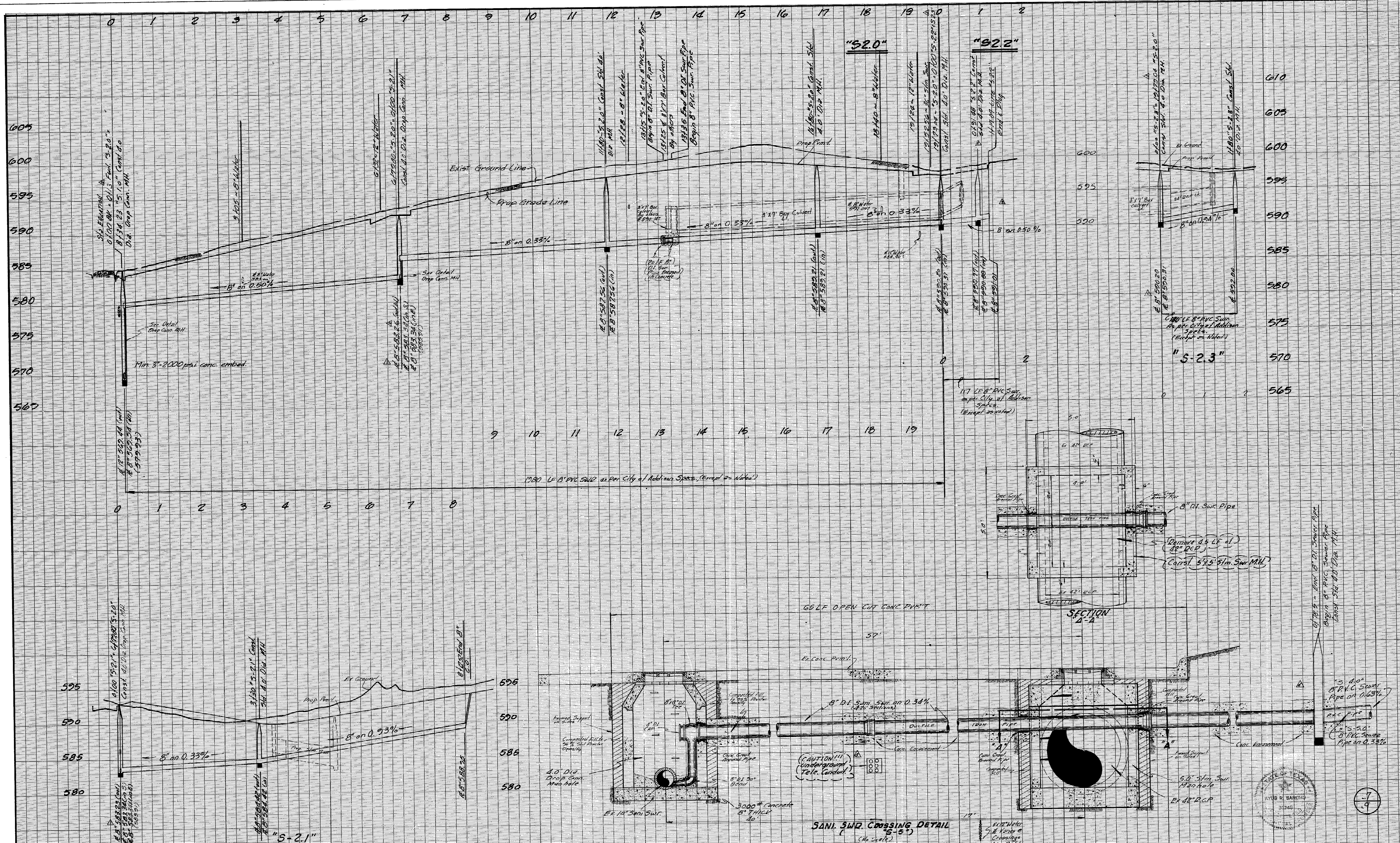
RAYMOND L. GOODSON JR., ENGINEERS  
CITY OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G.	R.L.G.	JULY, 1981	1"=100'H 1"=4'V.	R.L.G.		









AS BUILT  
DATE 3/29/82

- ▲ Revised stationing flow lines @ 5.0' "S-2.0" "S-2.1"
- ▲ Revised stations 14/01/81
- ▲ 11/01/81 Revised Line "S-2.0"
- ▲ 11/23/81 Revised Line "S-2.0"
- ▲ 12/02/81 Revised Line "S-2.2"

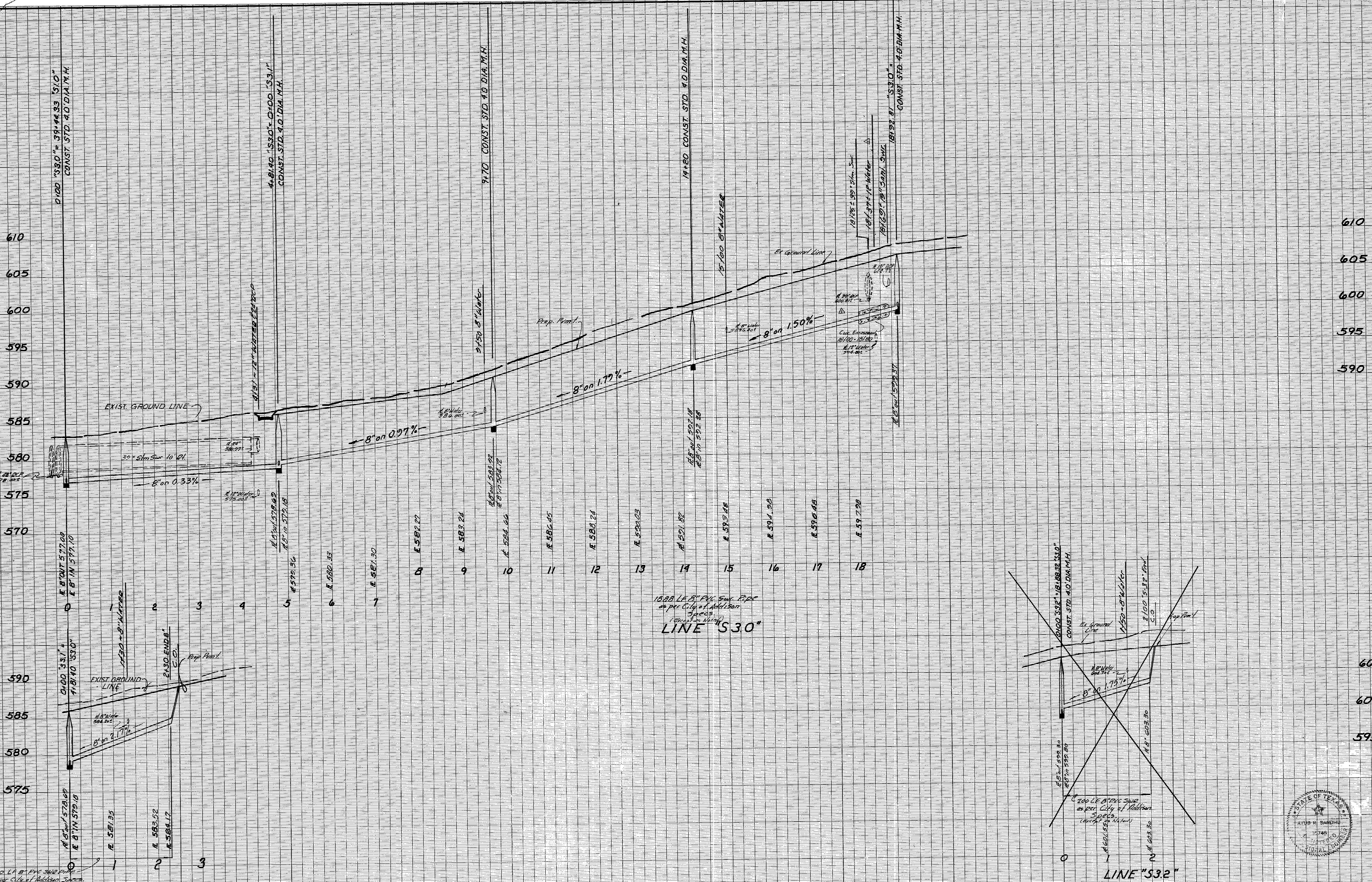
1. Railroad Spike in 12" Willow 250' feet East Centerline Old Marsh Lane & 75' feet North Centerline Belt Line. Elev. 576.32
2. "□" Top of Curb at the Center of a 10" inlet and 75' feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.63
3. "□" Top of Concrete Footing at Southeast Corner Tower #12N-3W-T287. Elev. 587.83
4. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T288. Elev. 603.20
5. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in tower line. Elev. 613.16
6. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
7. "□" Cut at top of Concrete Footing at Tower #12N-3W-T294. Elev. 607.46

**SANITARY SEWER PROFILES**  
LINES "S-2.0", "S-2.1", "S-2.3"

**RAYMOND L. GOODSON JR. INC. ENGINEERS**  
CITY OF ADDISON, TEXAS

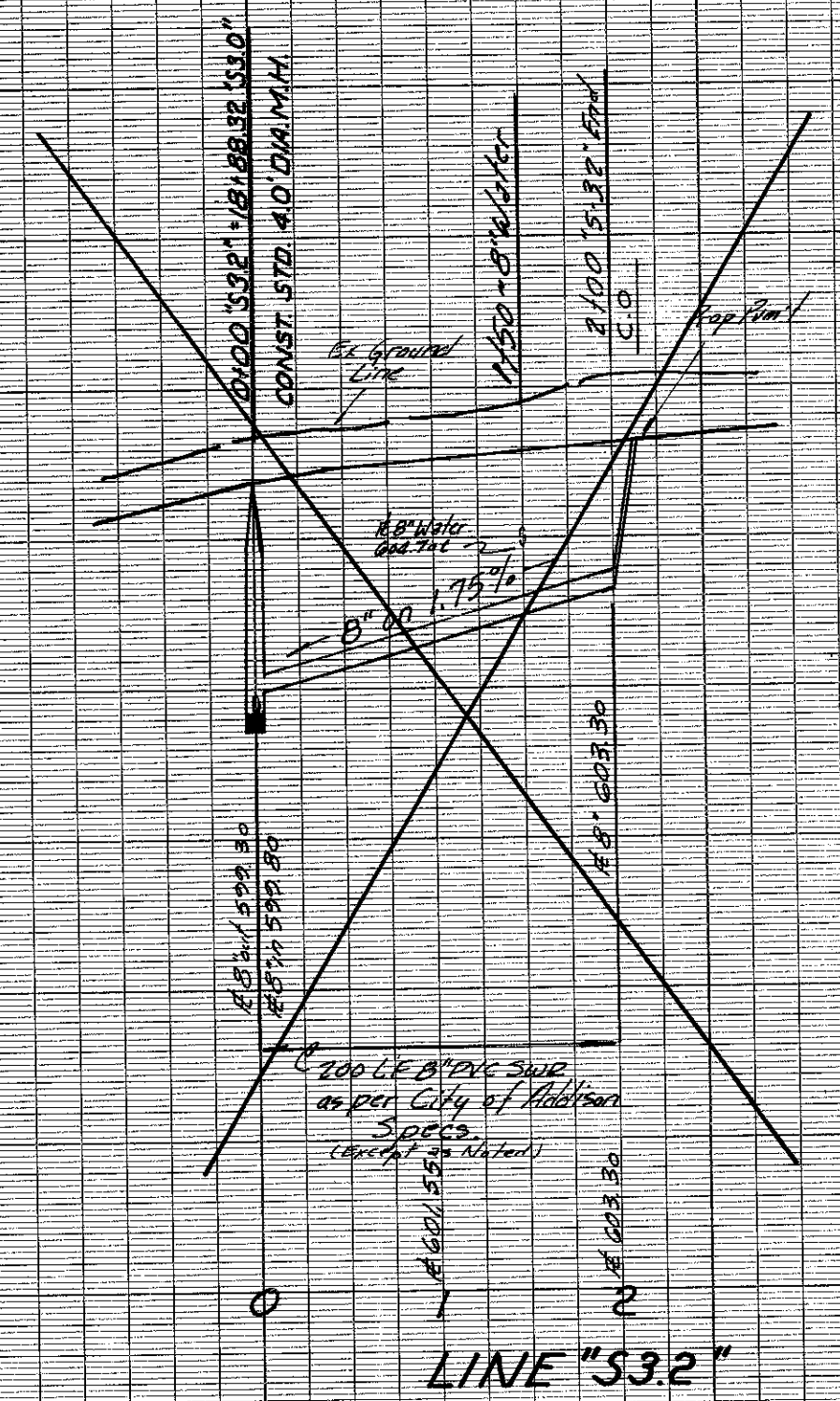
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
RLG	RLG	JULY, 1981	1"=100' H 1"=6' V	RLG	80	95





18.00 L.F. 8\"/>

18.00 L.F. 8\"/>



LINE "S3.2"

11/18/81 Eliminate Line "S3.2"  
 Relocated End of Line "S3.0"  
 Added 30 L.F. Corro. Encasement

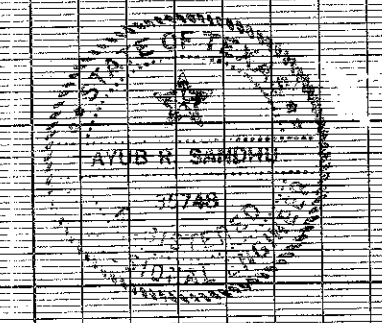
AS BUILT  
 DATE 3/29/82

- BENCH MARKS
1. Railroad Spike in 12" Willow 250+ feet East Centerline Old Marsh Lane & 75+ feet North Centerline Belt Line. Elev. 576.32
  2. "□" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
  3. "□" Top of Concrete Footing at Southeast Corner Tower #13N-3W-T287. Elev. 597.83
  4. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 605.20
  5. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
  6. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
  7. "□" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46

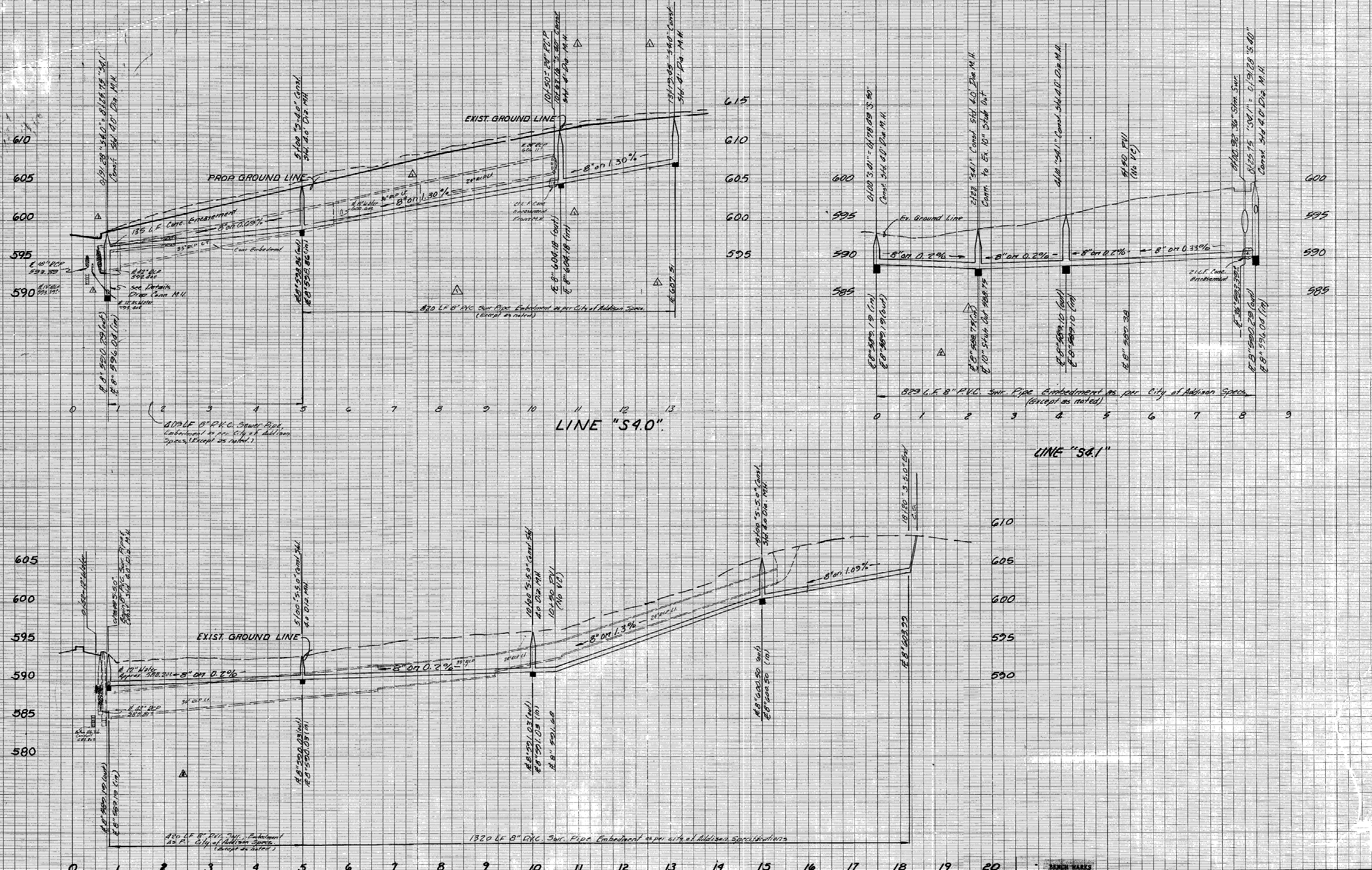
SANITARY SEWER PROFILES  
 LINES S3.0, S3.1, S3.2, & S3.3

RAYMOND L. GOODSON JR., INC. ENGINEERS  
 CITY OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G.	R.L.G.	JULY 1981	1" = 100' 1" = 60'	R.L.G.	80	95







LINE "S4.0"

LINE "S4.1"

LINE "S5.0"

11/23/01 Revised Line "S4.0"  
 Added Line "S4.1"  
 2/10/02 Revised Line "S4.1" & "S5.0"

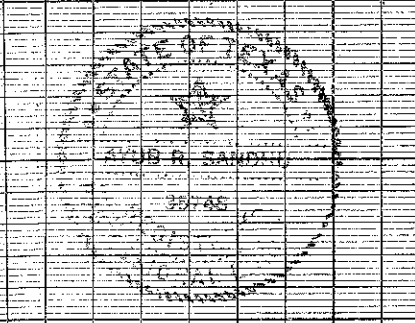
AS BUILT  
 DATE 3/29/02

1. Railroad Spike in 12" Willow 250' East Centerline Old Marsh Lane & 75+ feet North Centerline Belt Line. Elev. 576.32
2. "□" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
3. "□" Top of Concrete Footing at Southeast Corner Tower #13N-3W-T287. Elev. 597.83
4. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 605.20
5. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
6. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-T291. Elev. 619.46
7. "□" Out at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46

**SANITARY SEWER PROFILES**  
 LINES S4.0 & S5.0

RAYMOND L. GOODSON JR., INC., ENGINEERS  
 CITY OF ADDISON, TEXAS

DESIGN	DRAWN	SHEET	FILE	NO.
R.L.G.	R.L.G.	80		95

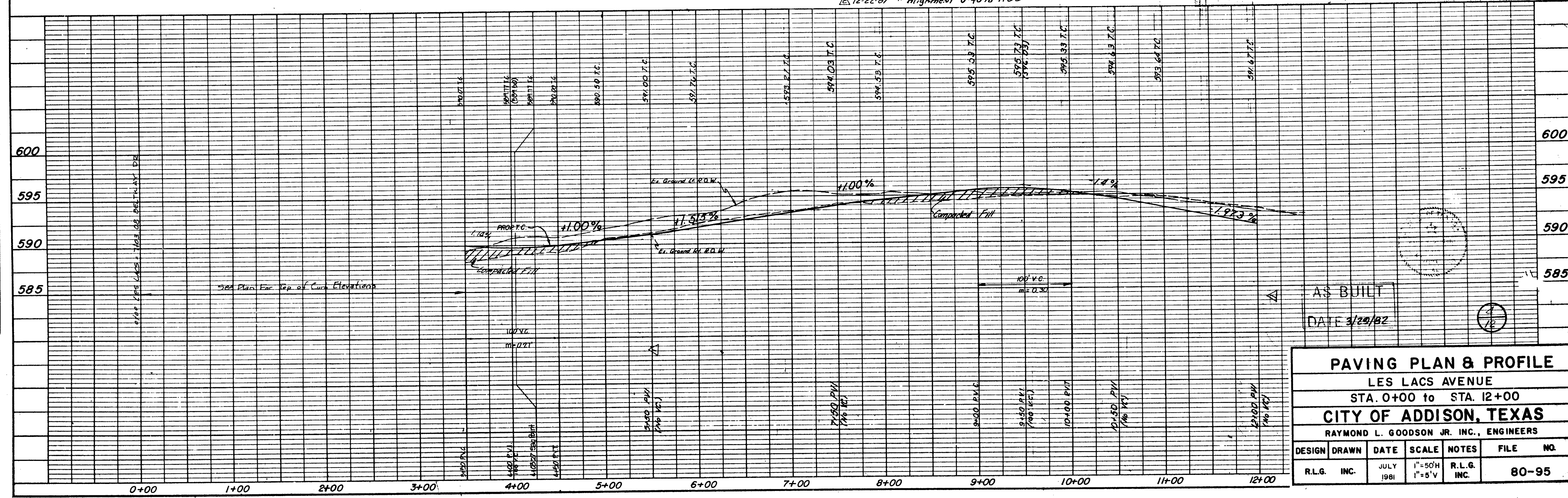
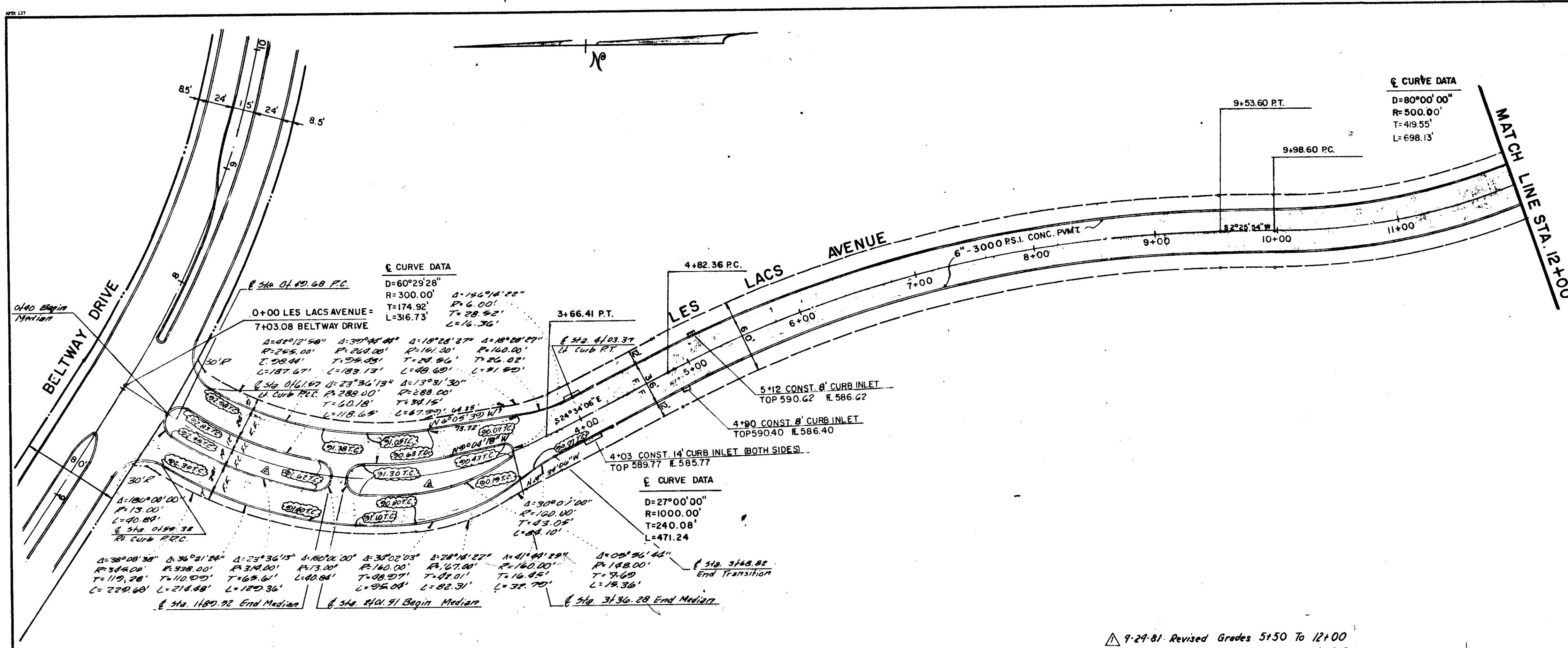


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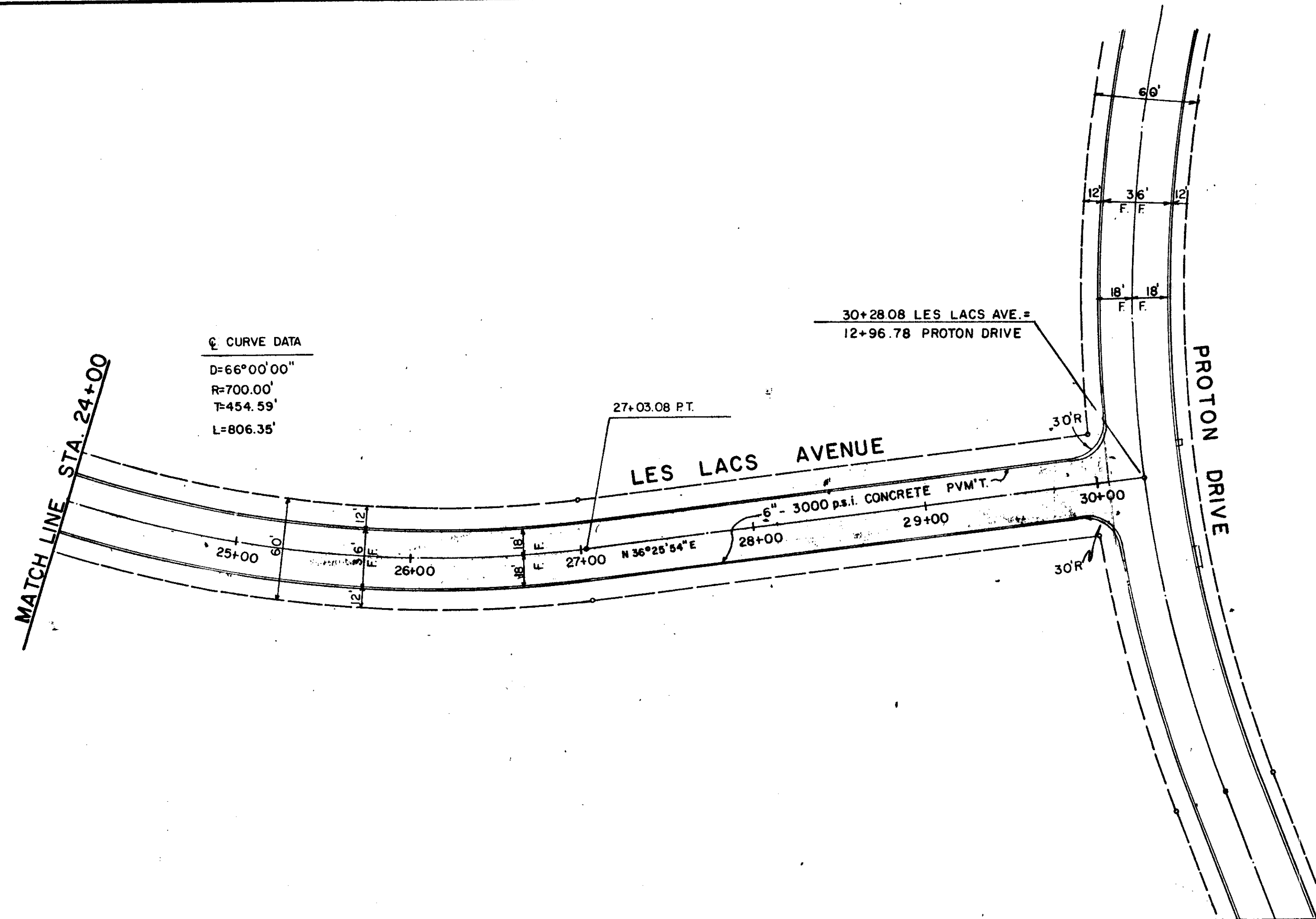




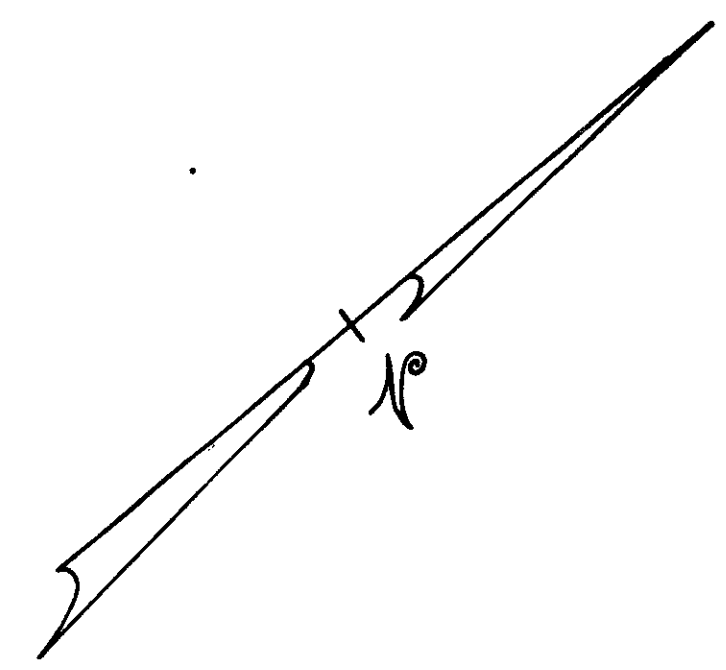




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REVISION	
NOTE BOOK	
NO. OF WAY CHECKS	
BY	
DATE	
BY	
DATE	



CURVE DATA  
 D=66°00'00"  
 R=700.00'  
 T=454.59'  
 L=806.35'



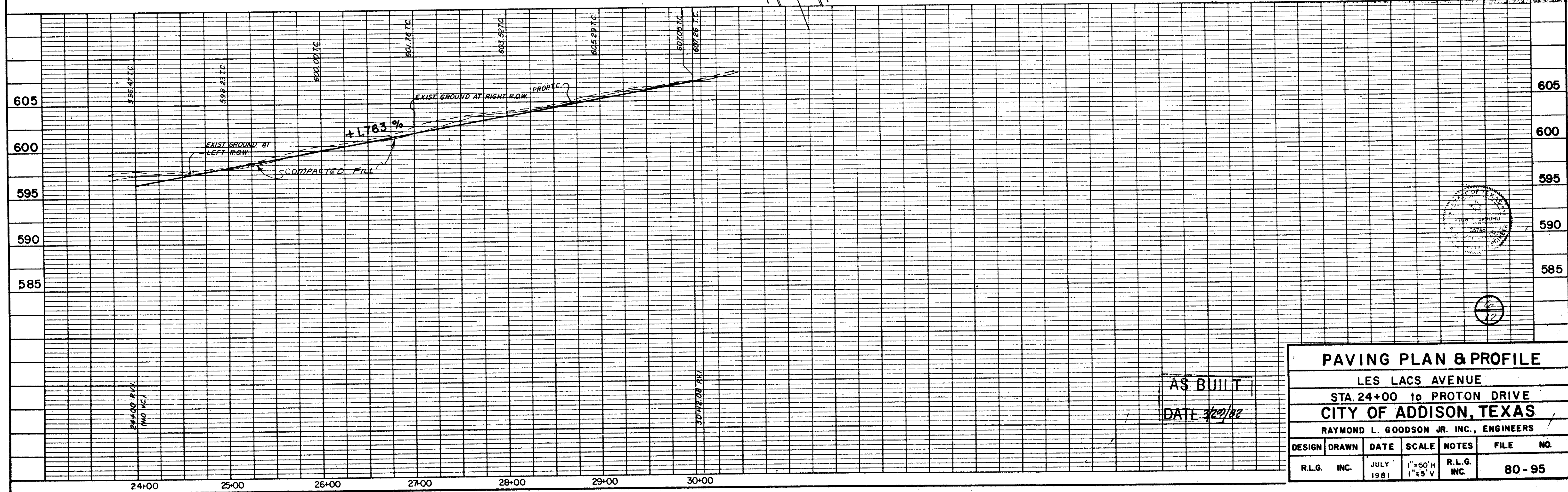
GENERAL NOTES

- All areas to receive fill shall be scarified to a depth of 6 inches and compacted to a density of 95% Standard Proctor Density. All fill shall be placed in horizontal layers not exceeding 8 inches (loose depth) and compacted to a density of 95% Standard Proctor with the moisture content within 4% of the optimum.
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BENCH MARKS

- Railroad Spike in 12" Willow 250± feet East Centerline Old Marsh Lane & 75± feet North Centerline Belt Line. Elev. 576.38
- "□" Top of Curb at the Center of a 10' inlet and 75± feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
- "□" Top of Concrete Footing at Northeast Corner Tower #128-34-T287. Elev. 597.83
- "□" Top of Concrete Footing at Northwest Corner Tower #128-34-T288. Elev. 605.20
- "□" Top of Concrete Footing at Northwest Corner Tower #128-34-T290 at angle point in Tower line. Elev. 613.16
- "□" Top of Concrete Footing at Southwest Corner Tower #128-34-T291. Elev. 619.46
- "□" Cut at top of Concrete Footing at Tower #128-24-T294. Elev. 607.44

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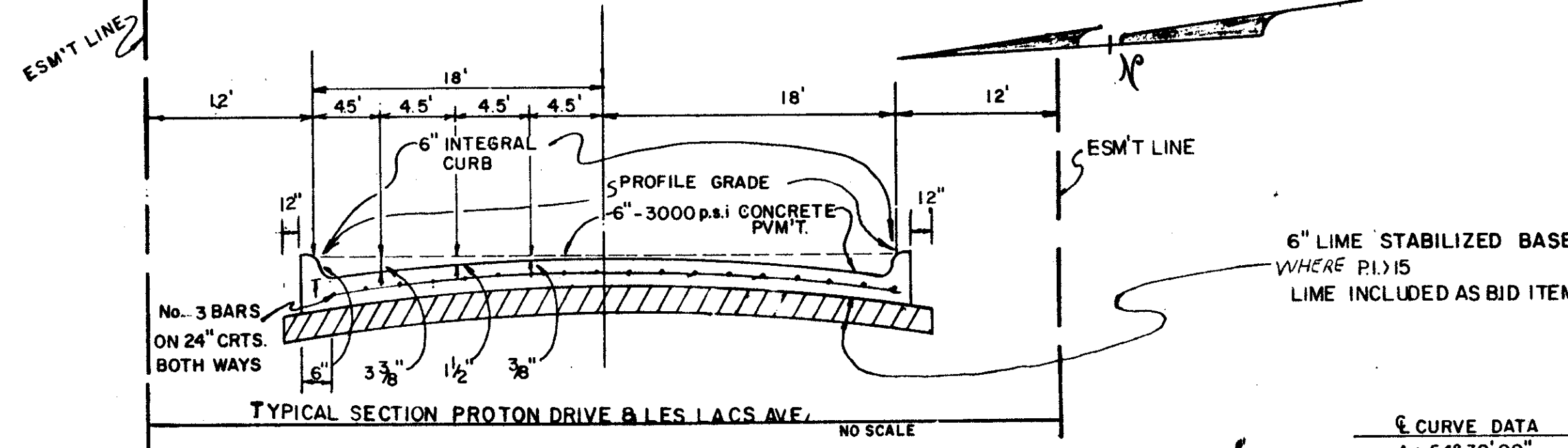


AS BUILT  
 DATE 7/20/81

PAVING PLAN & PROFILE						
LES LACS AVENUE						
STA. 24+00 to PROTON DRIVE						
CITY OF ADDISON, TEXAS						
RAYMOND L. GOODSON JR. INC., ENGINEERS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
R.L.G. INC.		JULY 1981	1"=60'H 1"=5'V	R.L.G. INC.		80-95

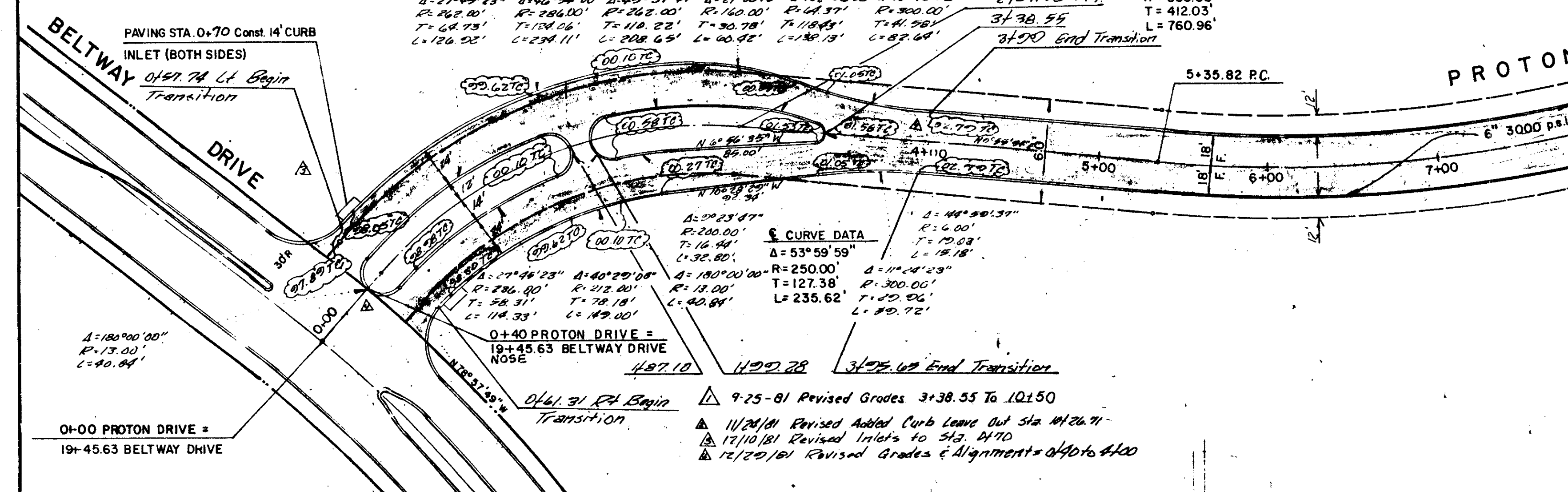


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6" CURVE DATA

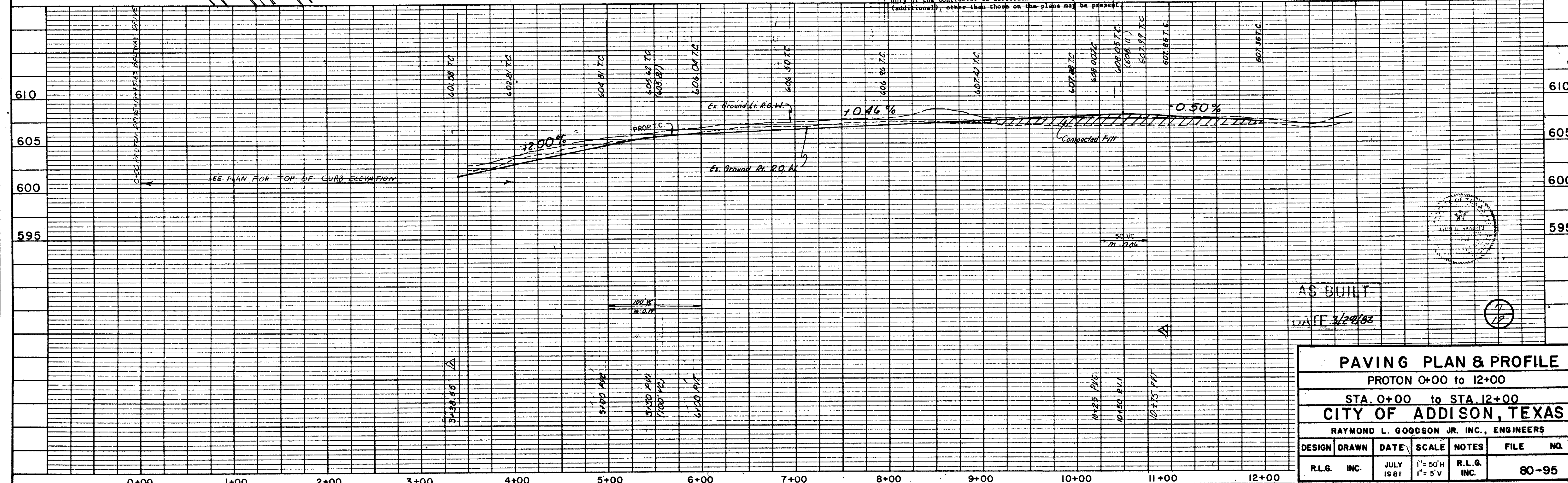
Δ = 54° 30' 00"
R = 800.00'
T = 412.03'
L = 760.96'



- GENERAL NOTES
- All areas to receive fill shall be scarified to a depth of 6 inches and compacted to a density of 95% Standard Proctor Density. All fill shall be placed in horizontal layers not exceeding 8 inches (loose depth) and compacted to a density of 95% Standard Proctor with the moisture content within 1% of the optimum.
  - The Contractor shall be entirely responsible for damage to existing utilities, streets, curbs, sidewalks and other structures of any kind during the execution of this work and shall be liable for damage to public or private property resulting therefrom.
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  - The location of all utilities are taken from existing public records. The exact location must be determined by the Contractor. It is the duty of the Contractor to ascertain whether any other facilities (additional), other than those on the plans may be present.

- BRIDGE MARKS
- Railroad Spike in 12" Willow 250 feet East Centerline Old Marsh Lane & 752 feet North Centerline Belt Line. Elev. 576.32
  - "□" Top of Curb at the Center of a 10' islet and 75+ feet West of Connection Commercial at the North Side of Belt Line Road. Elev. 580.83
  - "□" Top of Concrete Footing at Southeast Corner Tower #12M-3M-T287. Elev. 597.83
  - "□" Top of Concrete Footing at Northwest Corner Tower #12M-3M-T288. Elev. 605.20
  - "□" Top of Concrete Footing at Northwest Corner Tower #12M-3M-T290 at angle point in Tower line. Elev. 613.16
  - "□" Top of Concrete Footing at Southwest Corner Tower #12M-3M-T291. Elev. 619.46
  - "□" Cut at top of Concrete Footing at Tower #12M-2M-T294. Elev. 607.46

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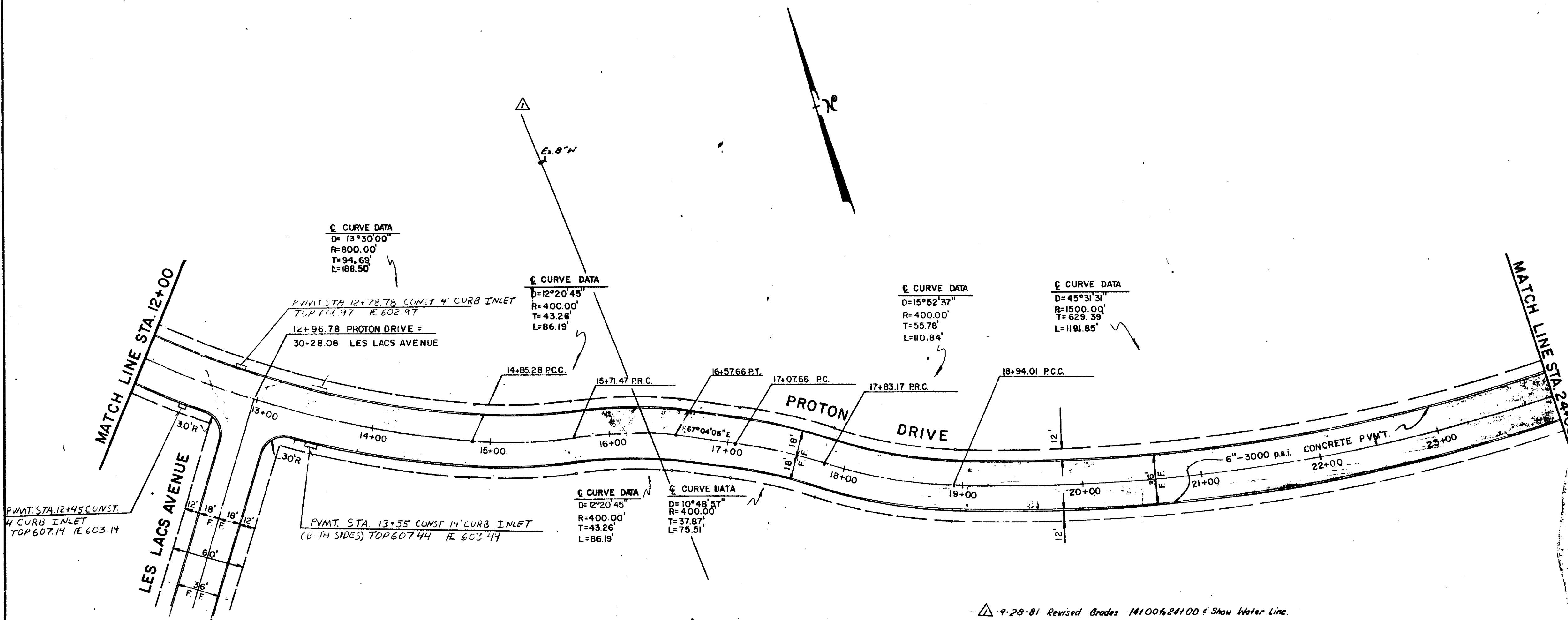
AS BUILT  
DATE 3/29/82

PAVING PLAN & PROFILE					
PROTON 0+00 to 12+00					
STA. 0+00 to STA. 12+00					
CITY OF ADDISON, TEXAS					
RAYMOND L. GOODSON JR. INC., ENGINEERS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.L.G. INC.	INC.	JULY 1981	1" = 50'H 1" = 5'V	R.L.G. INC.	80-95

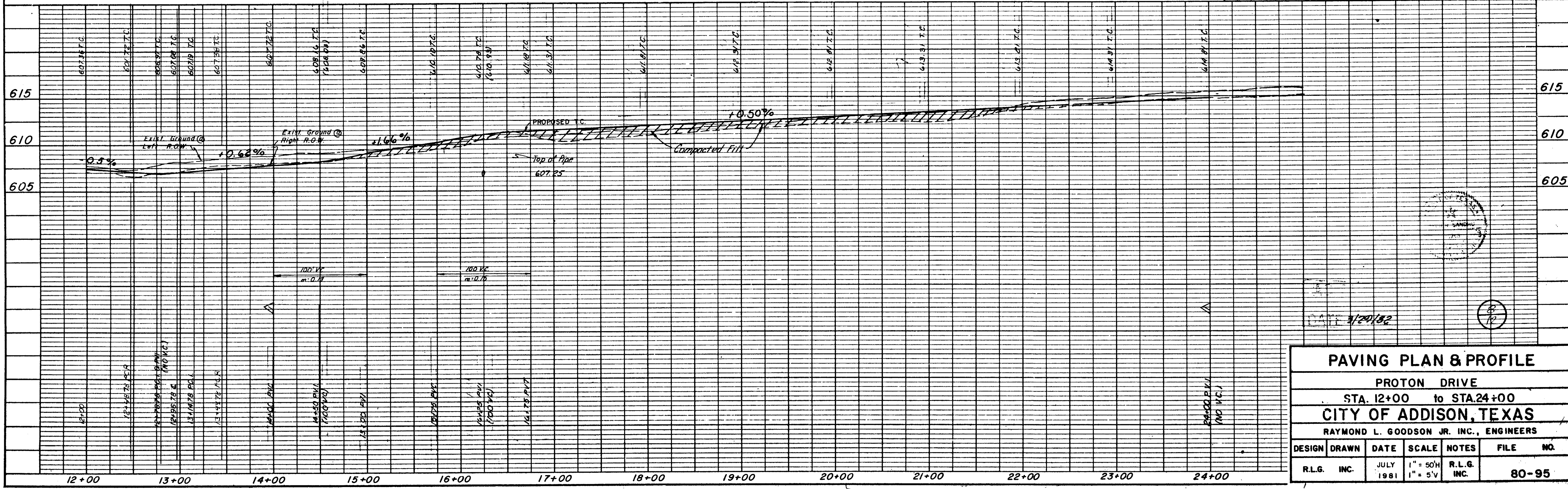


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REVISION	
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PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISION	
NO.	
PROFILE	
NOTE BOOK	
NO.	



- GENERAL NOTES**
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- BENCH MARKS**
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  - "□" Top of Curb at the Center of a 10' inlet and 75' east of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
  - "□" Top of Concrete Footing at Southeast Corner Tower #12M-3W-T287. Elev. 597.83
  - "□" Top of Concrete Footing at Northwest Corner Tower #12M-3W-T288. Elev. 605.20
  - "□" Top of Concrete Footing at Northwest Corner Tower #12M-3W-T290 at angle point in Tower line. Elev. 613.16
  - "□" Top of Concrete Footing at Southwest Corner Tower #12M-3W-T291. Elev. 619.46
  - "□" Cut at top of Concrete Footing at Tower #12M-3W-T292. Elev. 607.46



PAVING PLAN & PROFILE					
PROTON DRIVE					
STA. 12+00 to STA. 24+00					
CITY OF ADDISON, TEXAS					
RAYMOND L. GOODSON JR. INC., ENGINEERS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
R.L.G. INC.	INC.	JULY 1981	1" = 50'H 1" = 5'V	R.L.G. INC.	80-95



PLAN  
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 DRAWN BY: \_\_\_\_\_  
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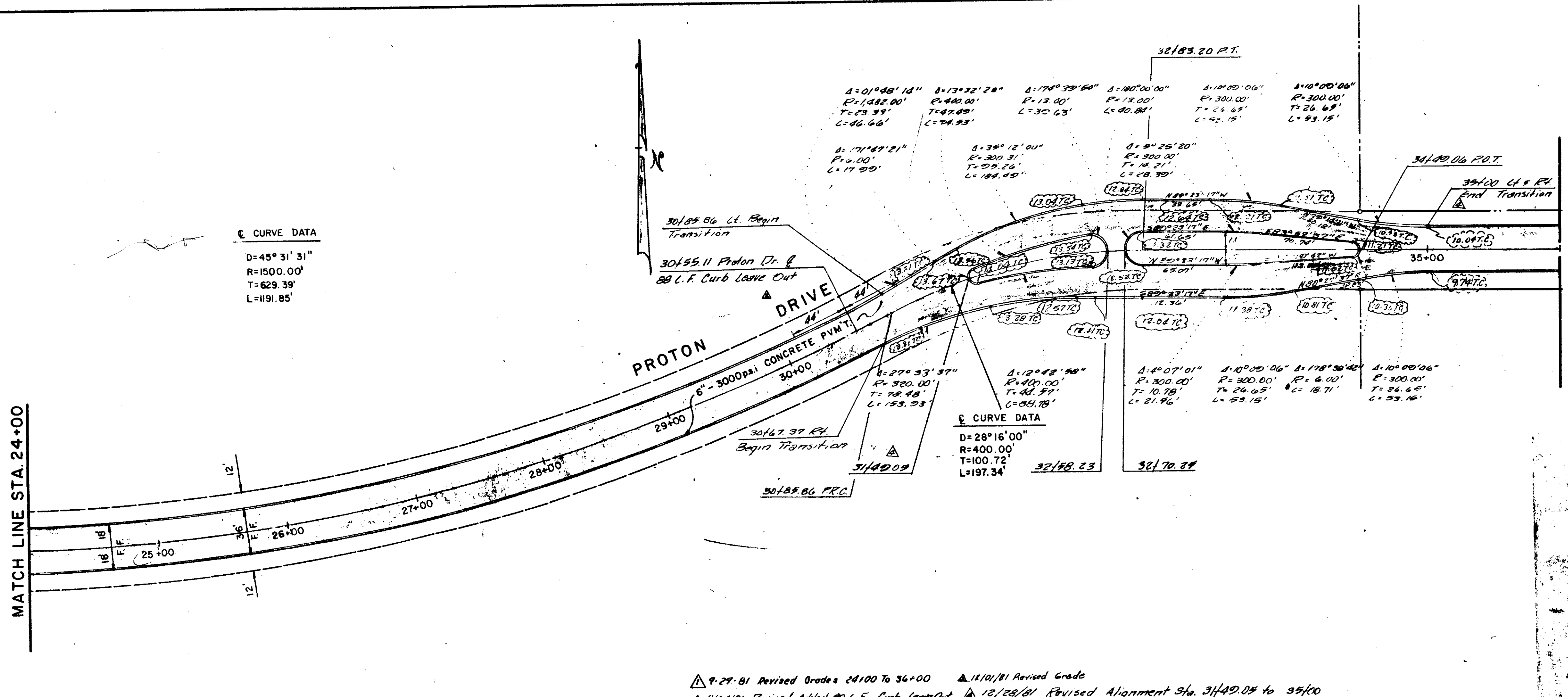
PROFILE  
 DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NO. \_\_\_\_\_

**☉ CURVE DATA**  
 D=45° 31' 31"  
 R=1500.00'  
 T=629.39'  
 L=191.85'

**☉ CURVE DATA**  
 D=28° 16' 00"  
 R=400.00'  
 T=100.72'  
 L=197.34'

MATCH LINE STA. 24+00

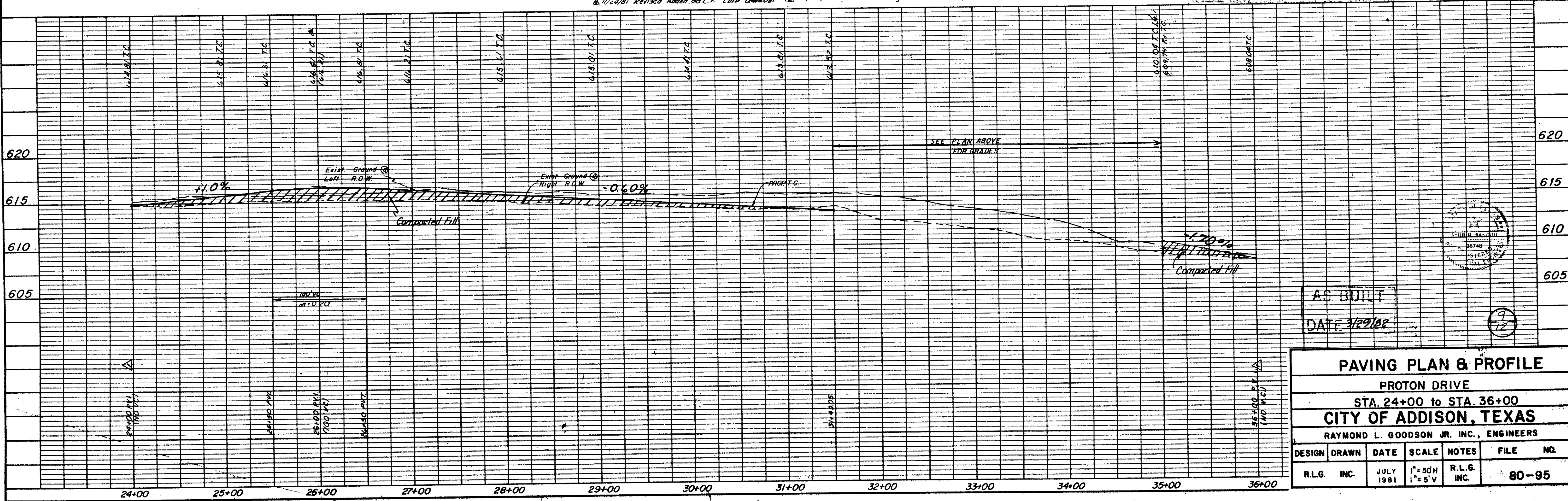
MATCH LINE STA. 36+00



- GENERAL NOTES**
- All areas to receive fill shall be scarified to a depth of 6 inches and compacted to a density of 95% Standard Proctor Density. All fill shall be placed in horizontal layers not exceeding 8 inches (loose depth) and compacted to a density of 95% Standard Proctor with the moisture content within 4% of the optimum.
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  - " " " " Top of Concrete Footing at Northwest Corner Tower #12N-34-T288. Elev. 605.20
  - " " " " Top of Concrete Footing at Northwest Corner Tower #12N-34-T290 at angle point in Tower line. Elev. 613.16
  - " " " " Top of Concrete Footing at Southwest Corner Tower #12N-34-T291. Elev. 619.46
  - " " " " Cut at top of Concrete Footing at Tower #12N-24-T294. Elev. 607.46

9-29-81 Revised Grades 24+00 To 34+00    11/10/81 Revised Grade  
 11/24/81 Revised Added 88 C.F. Curb Leave Out    12/28/81 Revised Alignment Sta. 31+49.08 to 35+00



AS BUILT  
 DATE 3/29/82

PAVING PLAN & PROFILE					
PROTON DRIVE					
STA. 24+00 TO STA. 36+00					
CITY OF ADDISON, TEXAS					
RAYMOND L. GOODSON JR. INC., ENGINEERS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
RLG. INC.	INC.	JULY 1981	1" = 50'H 1" = 5'V	RLG. INC.	80-95



- All water mains shall be PVC Class 200 water pipe.
- All water mains shall have a minimum cover below finished grades as follows: 6" & 8" - 48", 12" - 60", or as required to clear other utilities.
- The location of all utilities are taken from existing public records. The exact location must be determined by the Contractor. It is the duty of the contractor to ascertain whether any other facilities (additional), other than those on the plans may be present.
- All utility trenches under proposed paving shall be backfilled and compacted to 90% Standard Proctor Density.
- All manholes, cleanouts, valve boxes, fire hydrants, etc., must be adjusted to proper line and grade by the Contractor after placing of permanent paving.
- All work and materials shall be in accordance with the City of Addison Standard Specifications.
- Contractor shall be responsible for providing "as-built" plans to the Engineer showing the location of sewer service by distance to the lot lines.

NOTE: Contractor will field locate & notify Engineer of any conflicts between ex. utilities & proposed utilities prior to construction!!!

NOTE: Contractor will field locate & notify Engineer of any conflicts between ex. utilities & proposed utilities prior to construction!!!

BELTLINE

ROAD

BELTWAY DRIVE

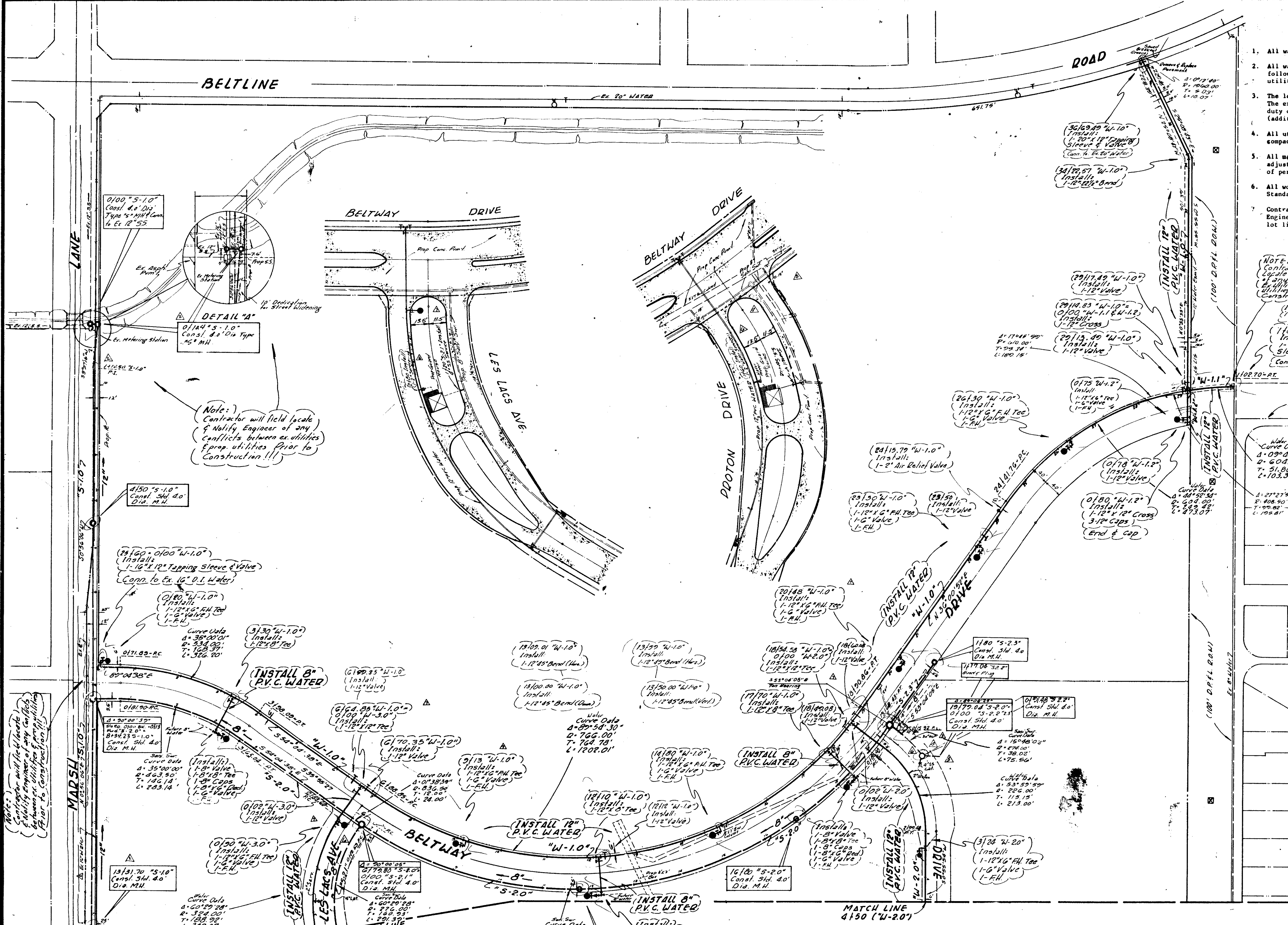
BELTWAY DRIVE

PROTON DRIVE

LES LACS AVE.

DETAIL "A"

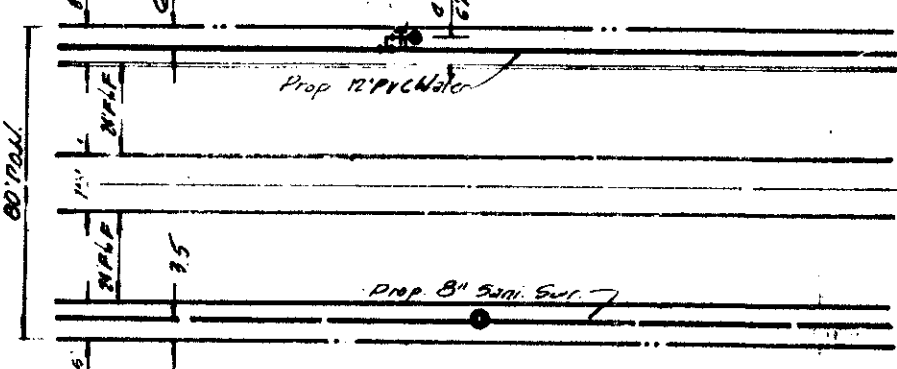
Note: Contractor will field locate & notify Engineer of any conflicts between ex. utilities & proposed utilities prior to construction!!!



NOTE: Contractor will field locate & notify Engineer of any conflicts between ex. utilities & proposed utilities prior to construction!!!

MATCH LINE 1410 (S-10)

TYPICAL UTILITY LOCATION DETAIL (60' R.O.W. 1/4" Scale)



TYPICAL UTILITY LOCATION DETAIL (60' R.O.W. 1/4" Scale)

- Revised Station & Curve Data Line "S-2.0" "S-2.1" "S-2.3"
- 9/17/81 Revised alignment and stations Sanitary Sur. Line "S-1.0" and Revised location exist 16" water on Marsh Lane
- 10/20/81 Added Sanitary Sewer Curve Data "S-2"
- 11/20/81 Revised Line "S-2" "S-2.1" Lateral
- 12/29/81
- 12/10/81 Revised Guard House Utilities
- 3/20/82 Revised As Per As-Built

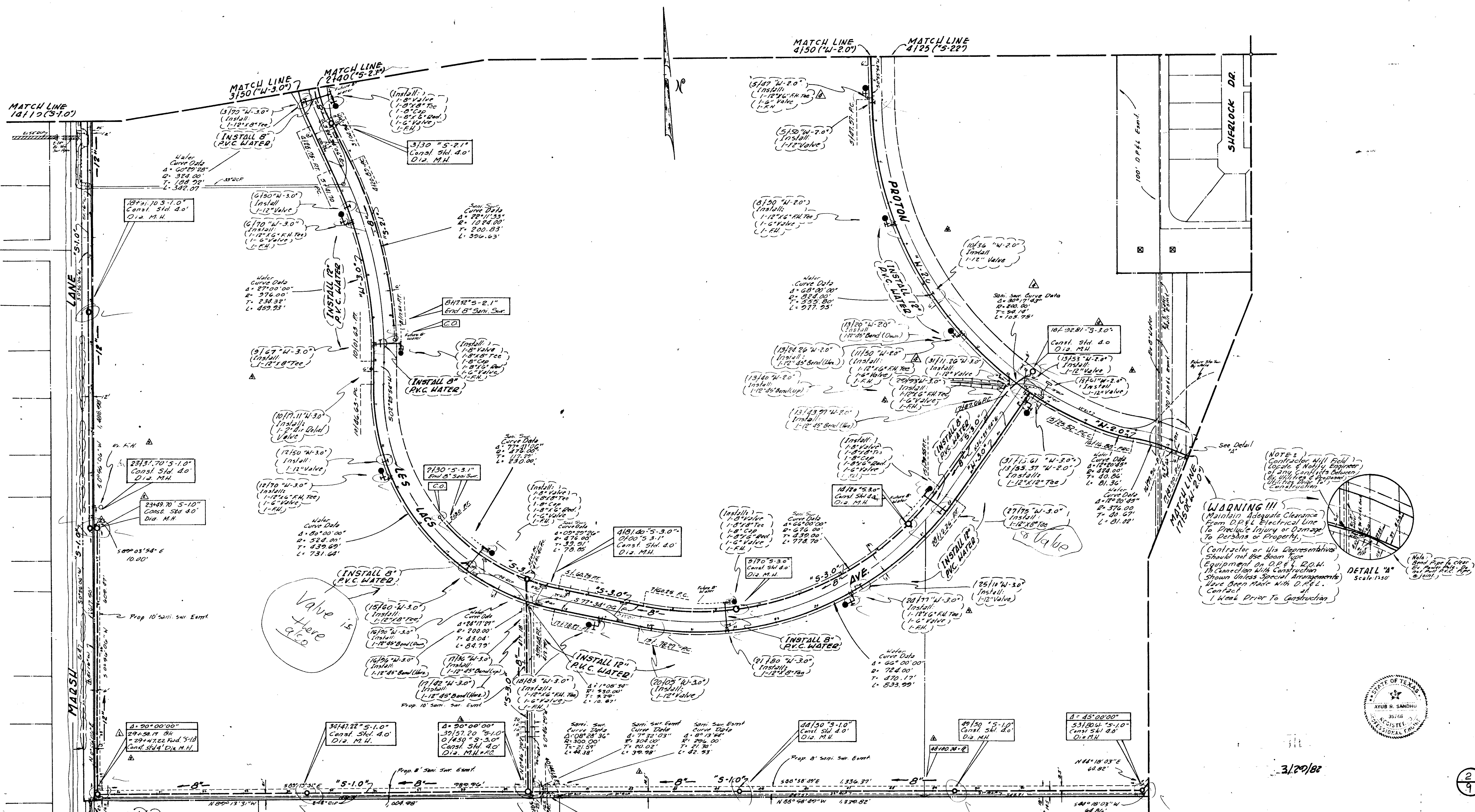
3/20/82

AYUB I. SANDHU  
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9

WATER & SANITARY SEWER PLAN					
RAYMOND L. GOODSON JR., INC., CONSULTING ENGINEERS					
CITY OF ADDISON, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTE	FILE NO.
Raymond L. Goodson			1" = 100'	R.L.G.	



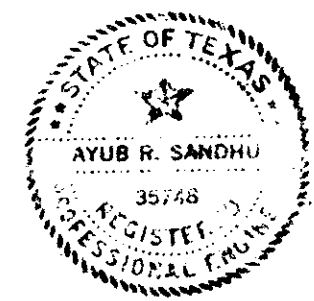


**WARNING!!!**  
 (Maintain Adequate Clearance From D.P.E.L. Electrical Line To Prevent Injury or Damage To Persons or Property.)  
 (Contractor or His Representative Should not Use Boom Type Equipment On D.P.E.L. B.O.M. In Connection With Construction Showed Unless Special Arrangements Have Been Made With D.P.E.L. Contact 1 Week Prior To Construction)

**NOTE:**  
 (Contractor Will Field Locate & Notify Engineer of any Conflicts Between Existing & Proposed Construction)

**DETAIL "A"**  
 Scale 1/32"

Note: (Bore Pipe is clear to full pipe size)



3/20/82

2/9

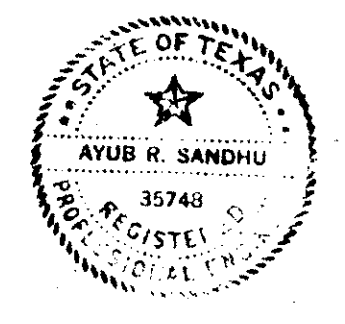
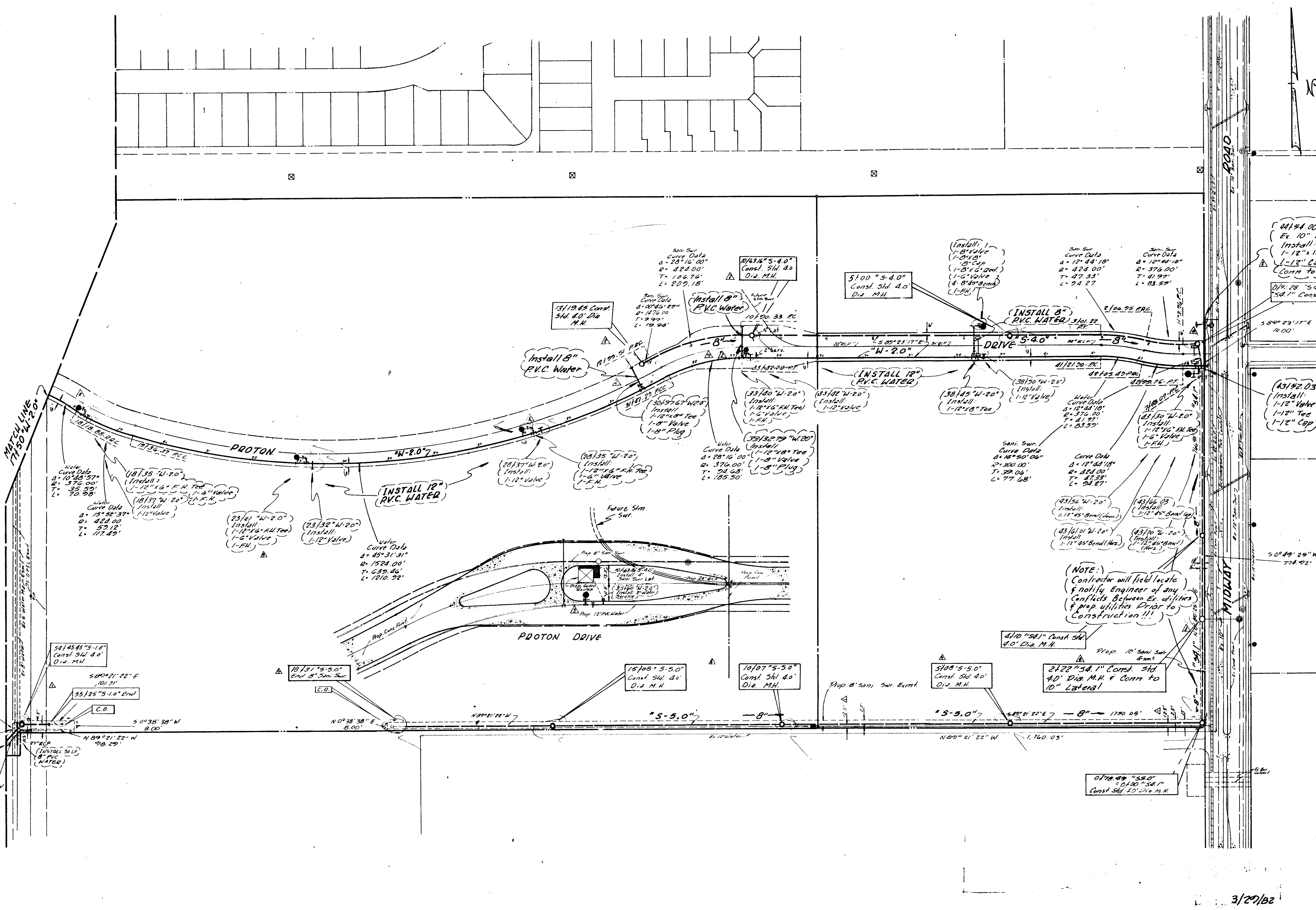
Note:  
 Contractor will field locate & notify Engineer of any conflicts between ex. utilities & prop. utilities prior to construction.

Revised F.H. Line "W-20"  
 Revised M.H. Line "S-3.0"  
 Deleted S.S. Line "S-32"  
 11/23/81  
 Revised As Per As Built  
 3/27/82

9/1/81 Revised alignment and stations and Added M.H. to Sanitary Sur. Line "S-1.0", and Revised Location exist. 16" Water on Marsh Ln. Added 18 LF 12" P.C.  
 3/30/81 Revised Locations Sanitary Sewer

WATER & SANITARY SEWER PLAN						
RAYMOND L. GOODSON JR., INC., CONSULTING ENGINEERS						
CITY OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.	
	Raymond L. Goodson		1" = 100'	R.L.G.		





3/29/82

- Δ 1-30-81 Revised Location "S-5.0" x "S-1.0"
- Δ 1-23-81 Revised FH, 34.00' x 20' x 35' Added 8" Service 30' x 5' x 1.6' x 3.3' x 2.7' Deleted C.O. Sta. 13+10 "S-4.0" Add M.H. 13+19.45 Add Line "S-4.0"
- Δ 12/10/81 Revised Guard House Utilities
- Δ 2/10/82 Revised Changed Water Line "W-2.0" & Added M.H. Line "S-4.0"
- Δ 3/29/82 Revised As Per As-Built

WATER & SANITARY SEWER PLAN					
RAYMOND L. GOODSON JR., INC., CONSULTING ENGINEERS					
CITY OF ADDISON, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
Raymond L. Goodson			1"=100'	R.L.G.	