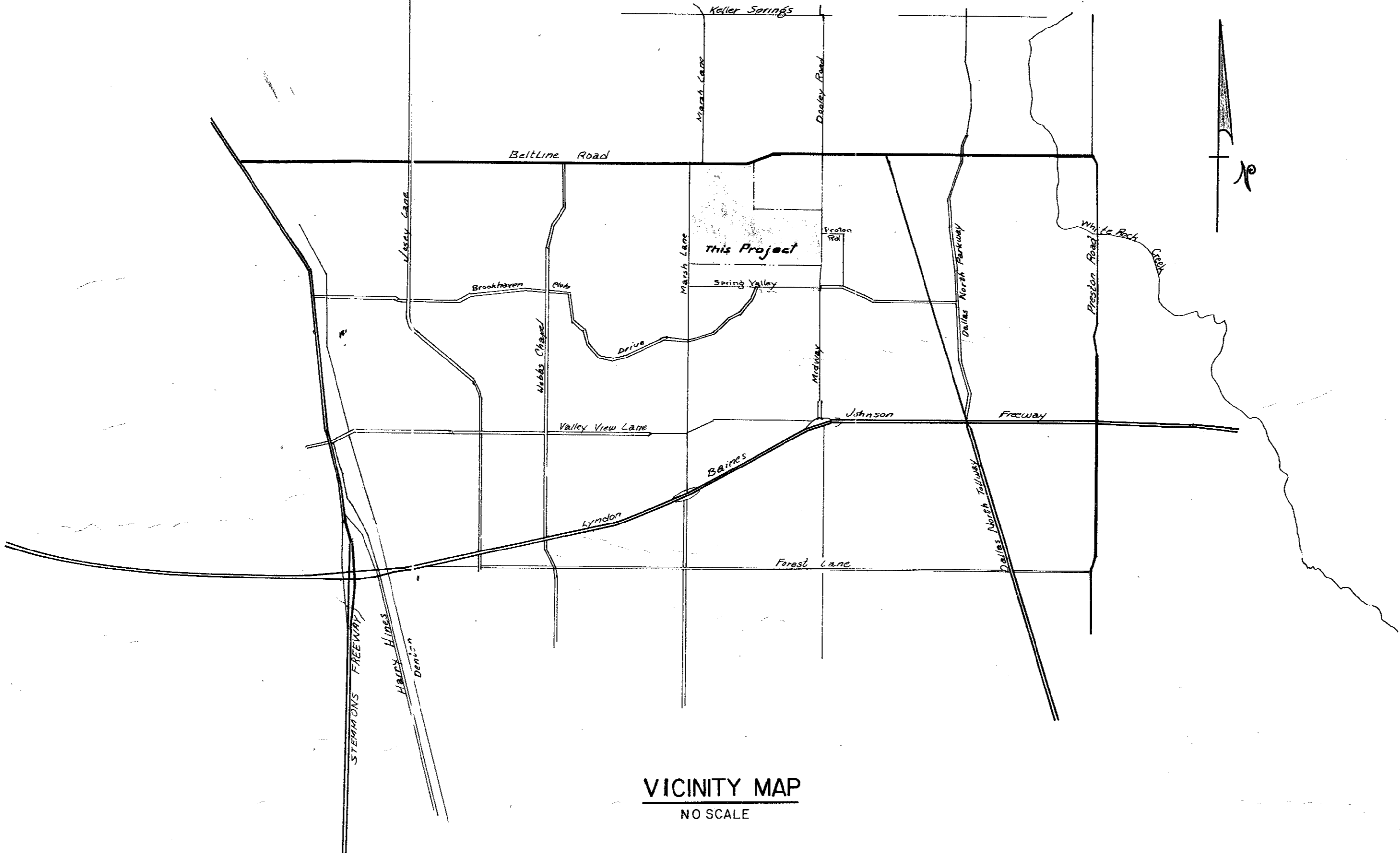


LES LACS VILLAGE

DESIGNED FOR

LES LACS VILLAGE, INCORPORATED



INDEX

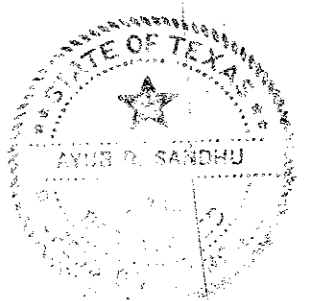
- TITLE SHEET
- $\frac{1}{12}$ to $\frac{12}{12}$ - PAVING PLANS
- $\frac{1}{9}$ - DRAINAGE AREA MAP
- $\frac{2}{9}$ to $\frac{9}{9}$ - STORM SEWER PROFILES
- $\frac{1}{9}$ to $\frac{2}{9}$ - WATER & SANITARY SEWER PLAN
- $\frac{4}{9}$ to $\frac{5}{9}$ - WATER PROFILES
- $\frac{6}{9}$ to $\frac{8}{9}$ - SANITARY SEWER PROFILES
- $\frac{12}{8}$ to $\frac{20}{8}$ - DETAILS

DESIGNED BY

RAYMOND L. GOODSON JR., INCORPORATED, CONSULTING ENGINEERS
 3409 OAK GROVE ROAD
 528-2200

DALLAS, TEXAS
 75204

3/27/02

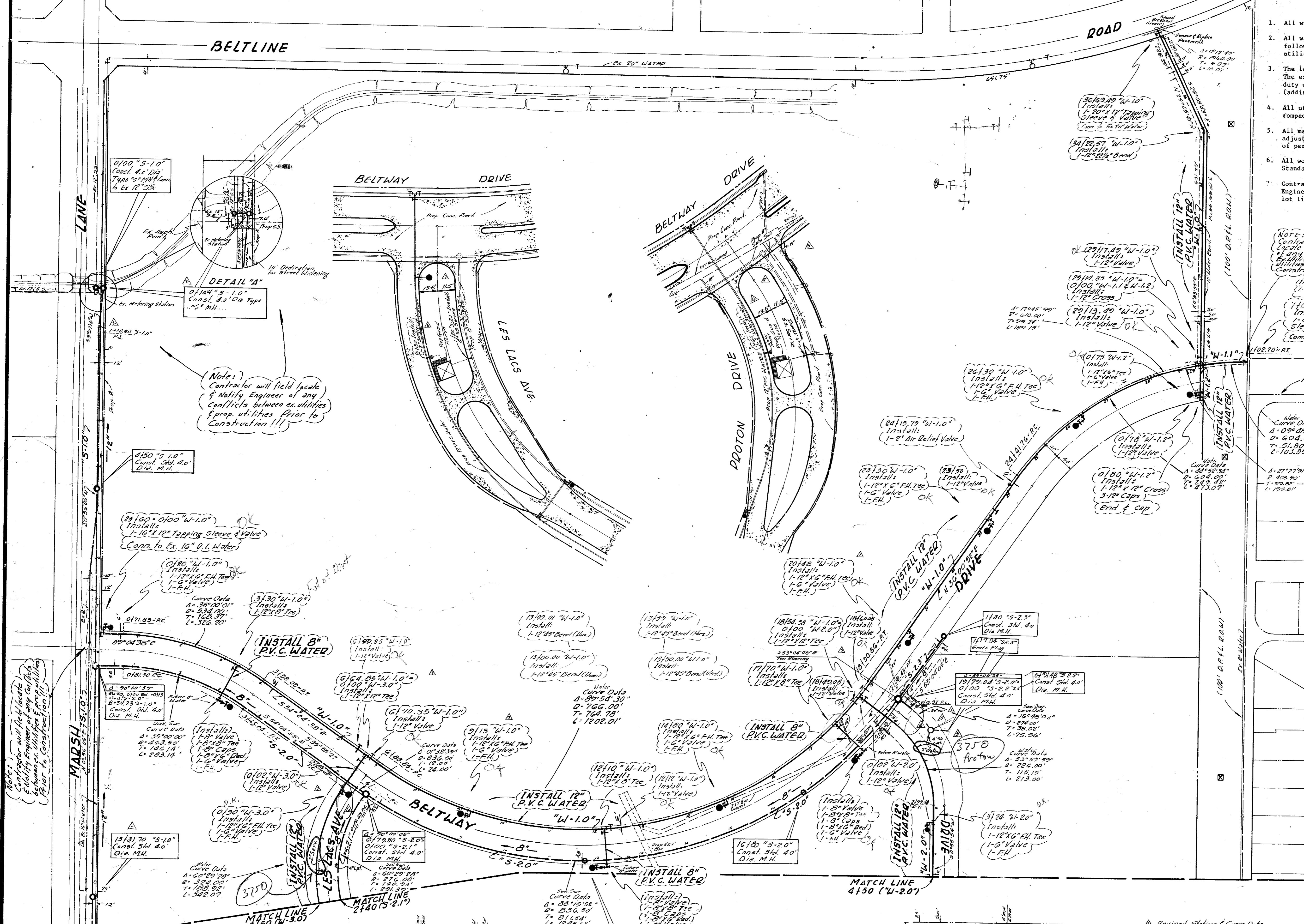


- All water mains shall be PVC Class 200 water pipe.
- All water mains shall have a minimum cover below finished grades at follows: 6" & 8" - 48", 12" - 60", or as required to clear other utilities.
- The location of all utilities are taken from existing public records. The exact location must be determined 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 Existing Utilities & Proposed Construction (Install 12" PVC WATER MAINS)

NOTE: Contractor will field locate & Notify Engineer of any Conflicts Between Existing Utilities & Proposed Construction (Install 12" PVC WATER MAINS)

Checked
5-20-82



NOTE: Contractor will field locate & Notify Engineer of any Conflicts Between Existing Utilities & Proposed Construction (Prior to Construction)

Note: Contractor will field locate & Notify Engineer of any Conflicts Between ex. utilities & prop. utilities Prior to construction!!!

Water Curve Data
A=09°08'15"
B=604.00'
C=51.80'
L=103.34'

Water Curve Data
A=27°21'51"
B=408.50'
C=64.50'
L=109.81'

15 84 stakes
11 M.S.
12 plugs

3/29/82



MATCH LINE 1410 (5'-1.0')

MATCH LINE 3150 (W-3.0)

MATCH LINE 2140 (5'-2.1')

MATCH LINE 4150 (W-2.0)

TYPICAL UTILITY LOCATION DETAIL
(80' R.O.W. No Scale)

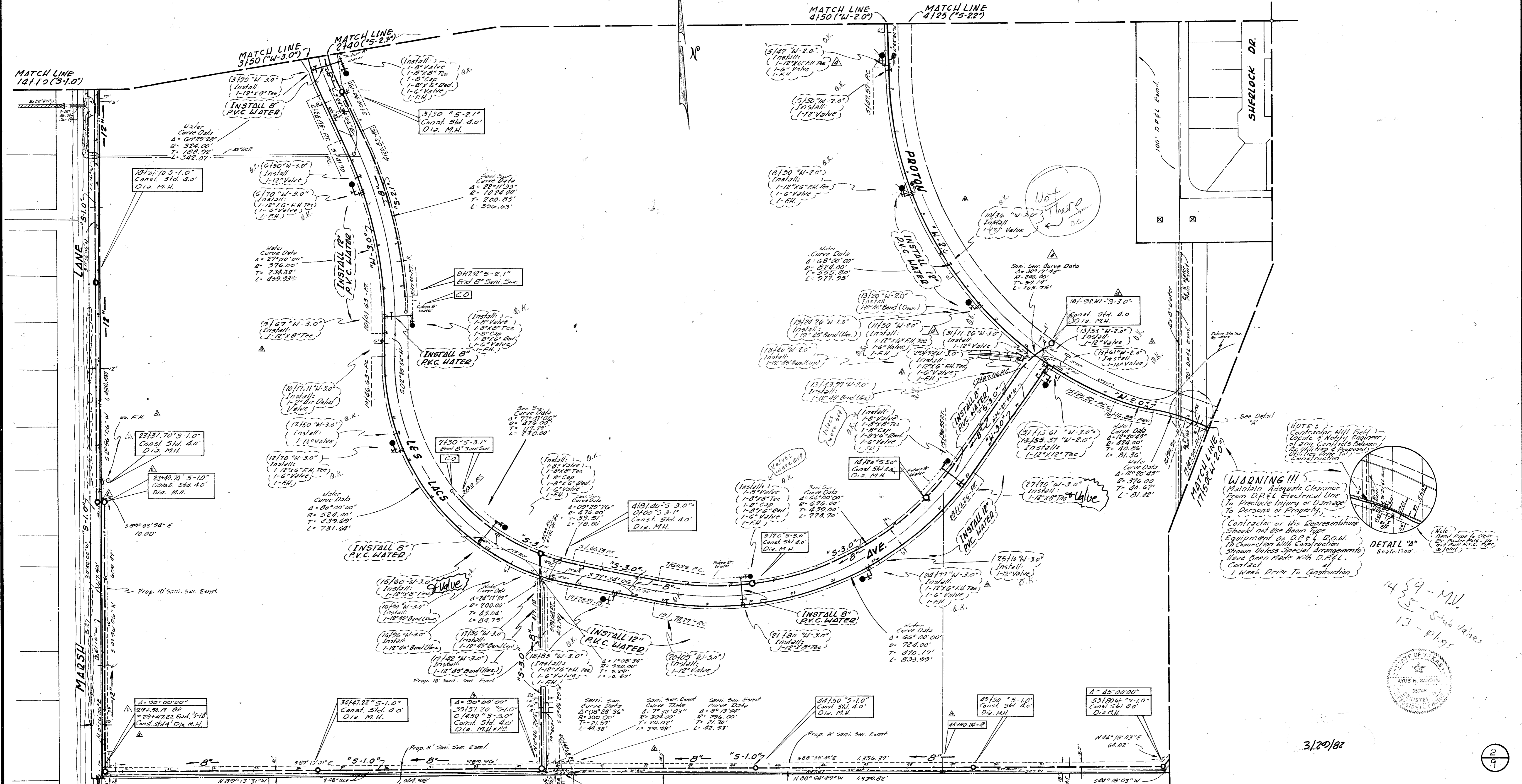
TYPICAL UTILITY LOCATION DETAIL
(80' R.O.W. No Scale)

- Revised Station & Curve Data Line 5'-2.0" 5'-2.1" 5'-2.3"
- 9/17/81 Revised alignment and stations Sanitary Sur. Line 5'-1.0" and Revised location exist 16" water on Marsh Lane
- 10/28/81 Added Sanitary Sewer Curve Data "5.2"
- 11/28/81 Revised Line "5.2" & "d" lateral 12/10/81
- 12/10/81 Revised Guard House Utilities 3/20/82 Revised As Per As Builts

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.	

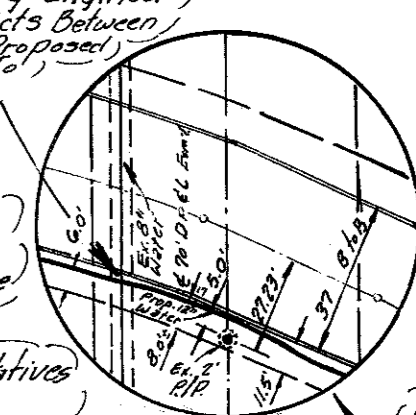
1036
850
186

1150
1036
114

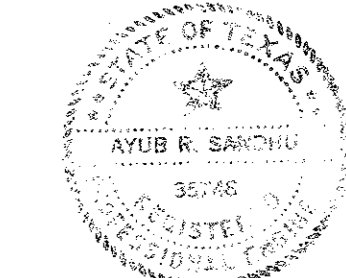


NOTE: Contractor will field locate & notify Engineer of any conflicts between ex. utilities & prop. utilities prior to construction.

WARNING!!!
 Maintain Adequate Clearance From D.P.E.L. Electrical Line To Preclude Injury or Damage To Persons or Property.
 Contractor or his Representative should not use beam type equipment on D.P.E.L. R.O.W. in connection with construction shown unless special arrangements have been made with D.P.E.L. Contact at least 1 week prior to construction.



1459-MU
 13-Sub valves
 13-plugs



3/20/82

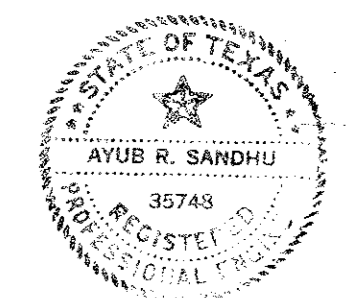
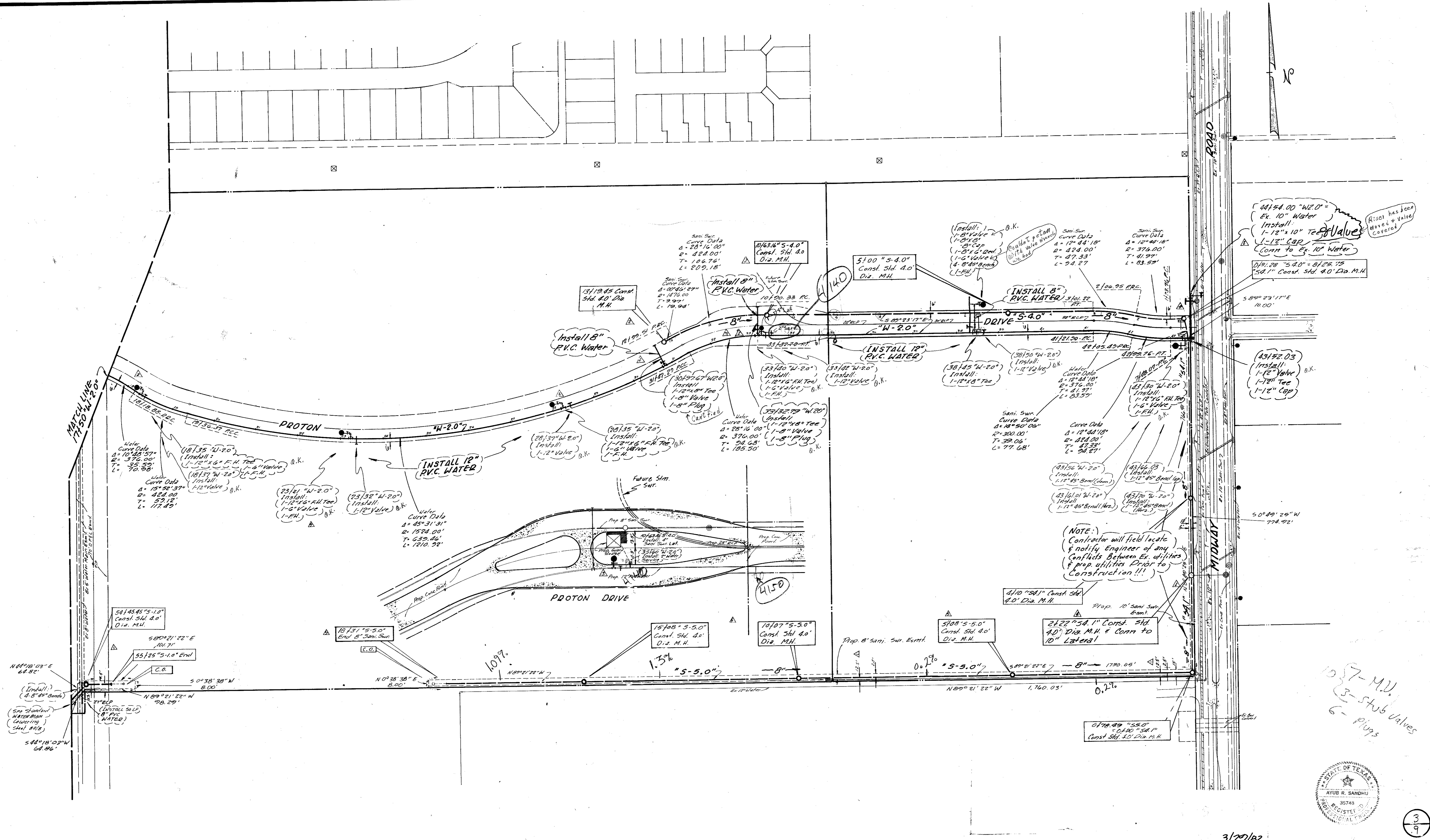
2/9

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.	

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's
 3/20/82

9/1/81 Revised alignment and stations
 Added M.H. to Sanitary Sew. Line "S-1.0" and
 Revised Location exist. 16" water on Marsh Ln.
 Added 18 1/2" P.V.C.
 9/30/81 Revised Locations Sanitary Sewer

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



3/9

2/27/02

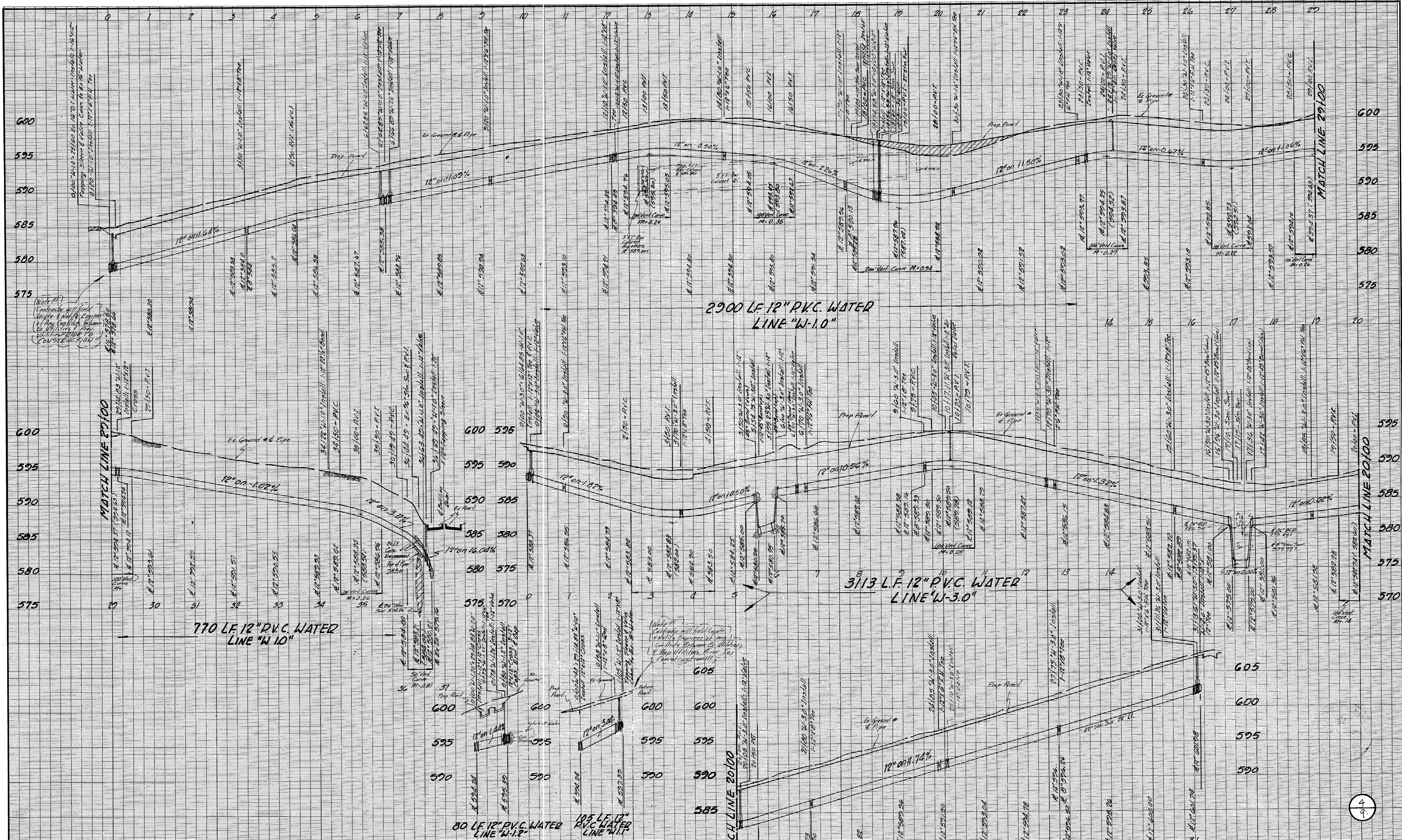
- 9-30-01 Revised Location "S-5.0" (310")
- 11-23-01 Revised FH Station 35 & 20/36
- Added 8" Service 30/57.676 33/32.79
- Deleted C.O. Sta. 13/10 "54.0"
- Add M.H. 13/12.45
- Added Line "54.1"
- 12/10/01 Revised Guard House Utilities
- 2/10/02 Revised Changed Water Line "W2.0"
- Added M.H. Line "54.1"
- 3/29/02 Revised As Per As Buills

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.	

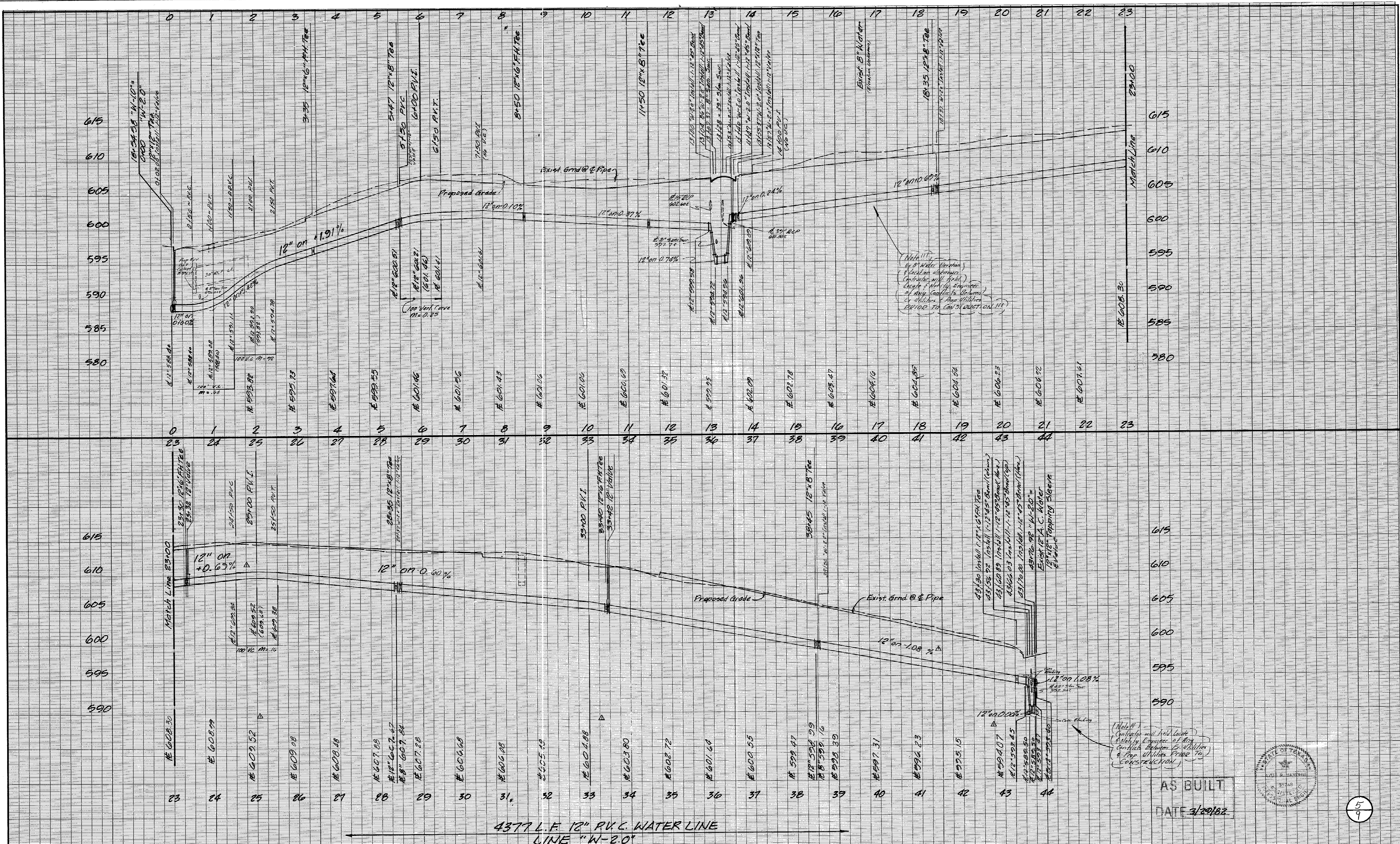


- BENCH MARKS**
1. Railroad Spike in 12" Willow 250+ feet East Centerline Old Marsh Lane & 75+ feet North Centerline Belt Line. Elev. 576.32
 2. "□" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
 3. "□" Top of Concrete Footing at Southeast Corner Tower #12N-3W-T287. Elev. 591.83
 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

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.
R.L.G.	R.L.G.	July, 1981	1"=400'H, 1"=5' V.	R.L.G.		

AS BUILT
3/20/82

4
9



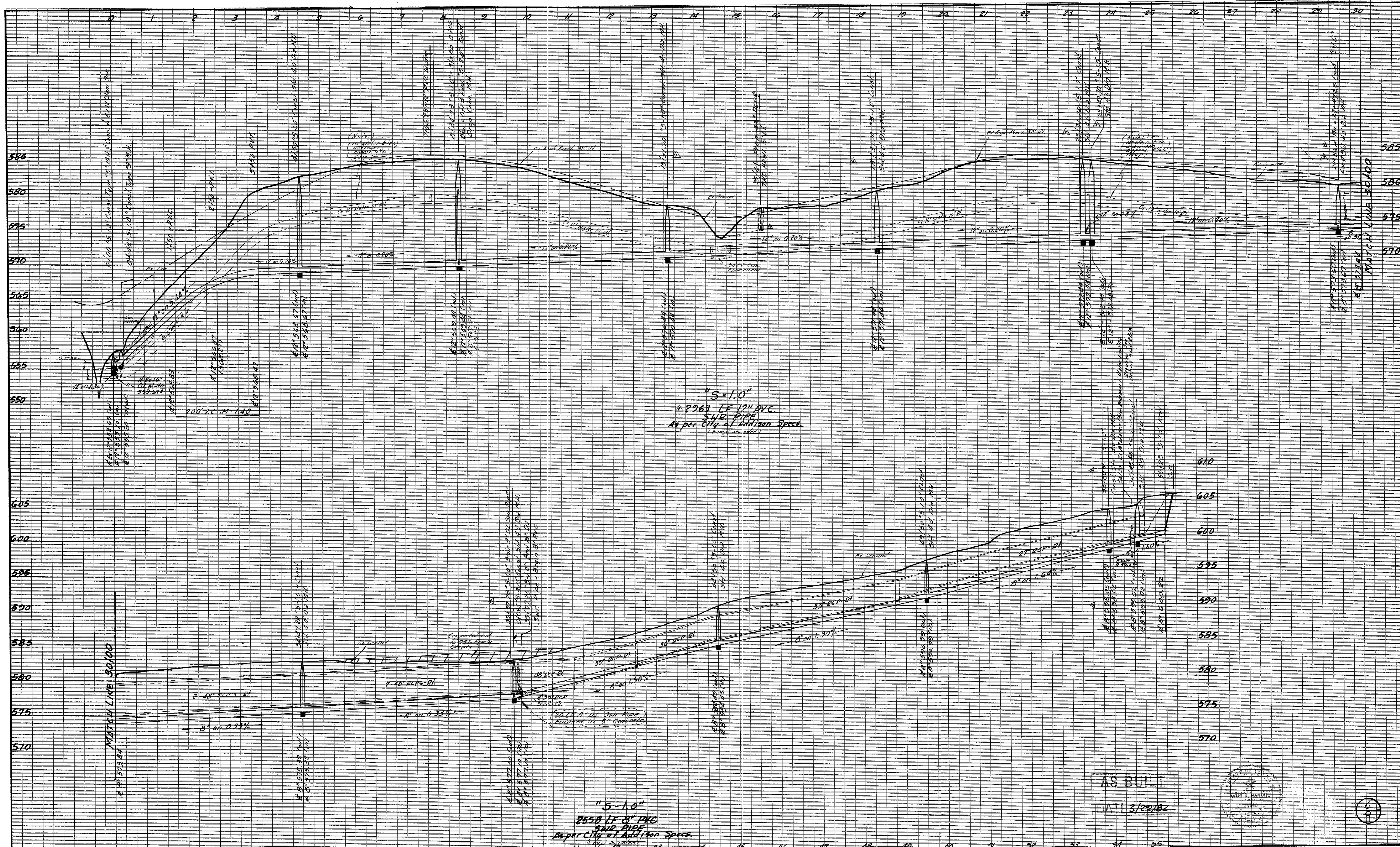
Revised 10-21-81 Changed Grades & Flow Lines.

- BENCH MARKS**
1. Railroad Spike in 12" Willow 250' East Centerline Old Marsh Lane & 75' West North Centerline Belt Line. Elev. 576.32
 2. "D" Top of Curb at the Center of a 10' inlet and 75' West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
 3. "D" Top of Concrete Footing at Southeast Corner Tower #12N-3W-2287. Elev. 597.83
 4. "D" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T288. Elev. 603.20
 5. "D" Top of Concrete Footing at Northwest Corner Tower #12N-3W-T290 at angle point in Tower line. Elev. 613.16
 6. "D" Top of Concrete Footing at Southwest Corner Tower #12N-3W-1291. Elev. 619.46
 7. "D" Cut at top of Concrete Footing at Tower #12N-2W-T294. Elev. 607.46

AS BUILT
DATE 3/20/82



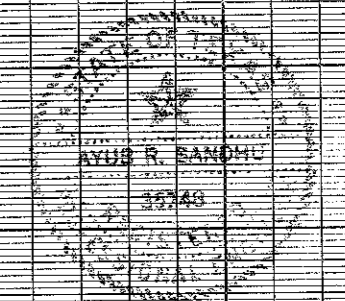
WATER PROFILE					
LINE "W-2.0"					
RAYMOND L. GOODSON JR. INC., ENGINEERS					
CITY OF ADDISON, TEXAS					
DESIGN	DRAWN	DATE	SCALE	NOTES	NO.
R.L.G.	R.L.G.	JULY 1981	1"=100'H 1"=6'V	R.L.G.	



"S-1.0"
 2963 LF 12" PVC
 S.W.R. PIPE
 As per City of Addison Specs.
 (Temp. as noted)

"S-1.0"
 2558 LF 8" PVC
 S.W.R. PIPE
 As per City of Addison Specs.
 (Temp. as noted)

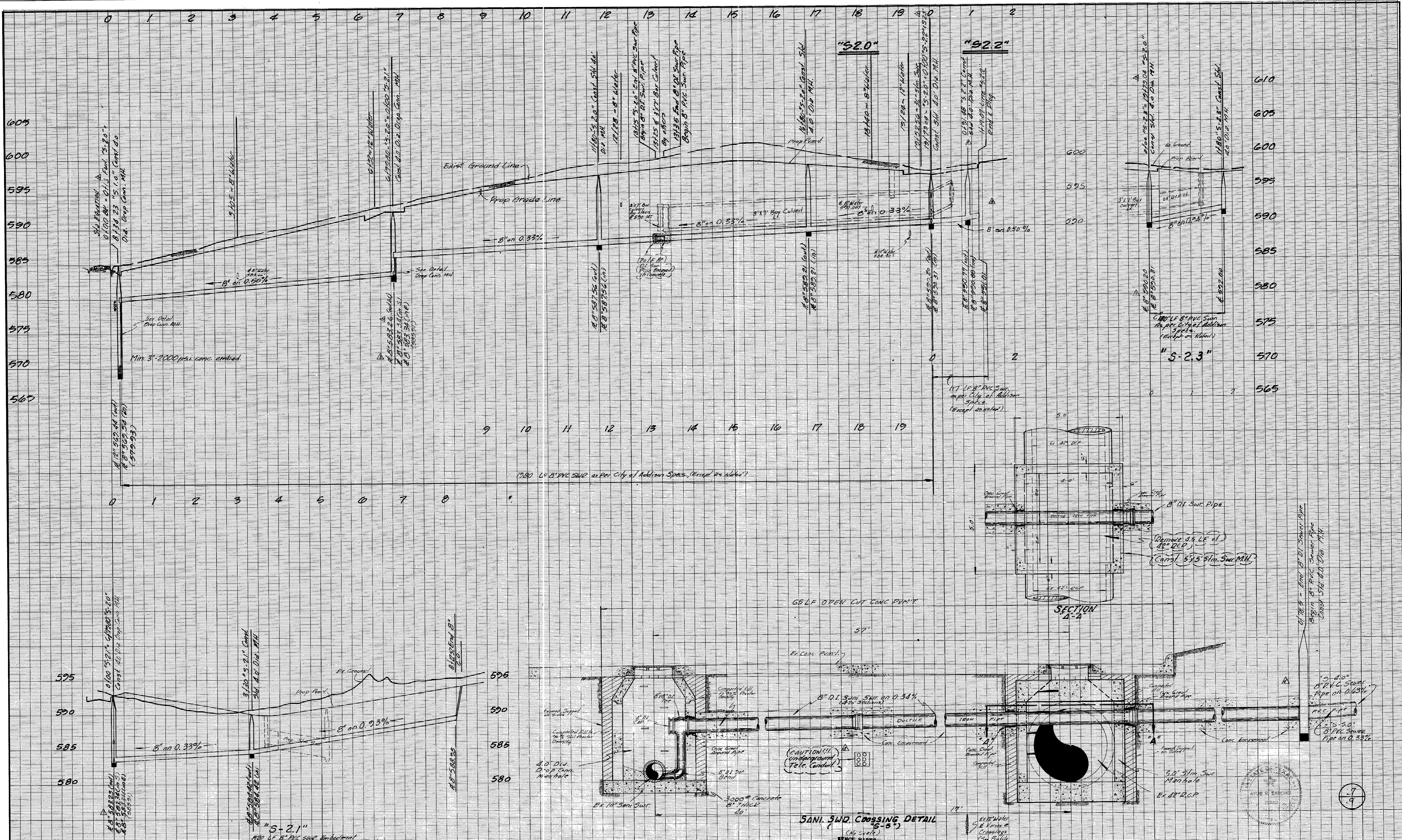
AS BUILT
 DATE 3/20/82



69

SANITARY SEWER PROFILES						
LINE "S-1.0"						
LES LACS VILLAGE INC.						
RAYMOND L. GOODSON JR. INC. ENGINEERS						
CITY OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
RLG	RLG	Aug, 1981	1"=100'H 1"=6'V	RLG		

9/17/81 Revised stations Line "S-1.0"
 Added M.H. E
 18 L.F. 12" PVC.
 9/30/81 Revised stations Line "S-1.0"

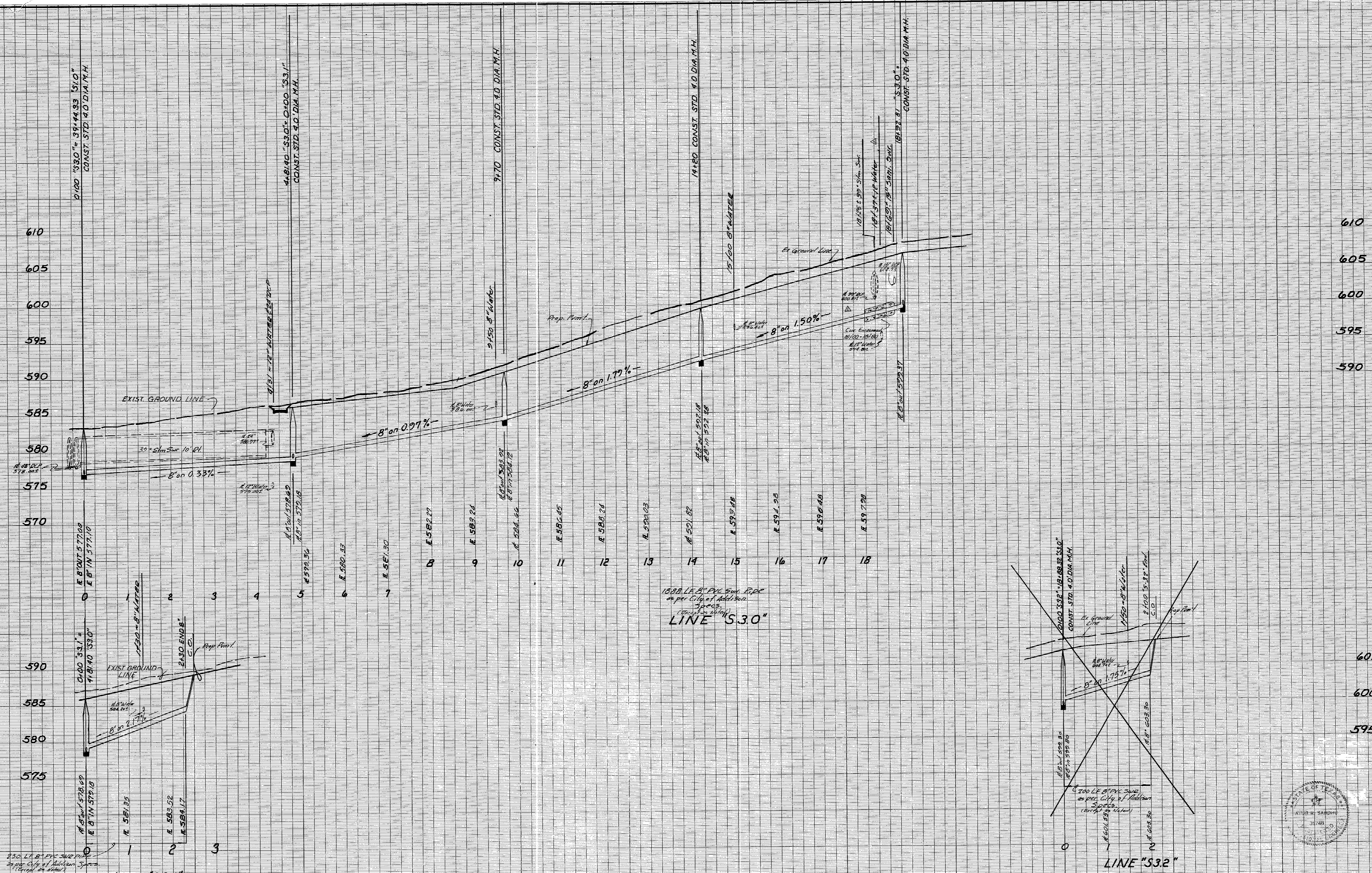


- △ Revised Stationing & Elevations @ 1/2" = 1.0' Scale
- △ Revised Stationing 10/1/81
- △ 11/10/81 Revised Line "52.2"
- △ 11/23/81 Revised Line "52.0"
- △ 10/10/81 Revised Line "52.2"

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. 580.80
3. "□" Top of Concrete Footing at Southeast Corner Tower #12N-3W-T287. Elev. 557.83
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

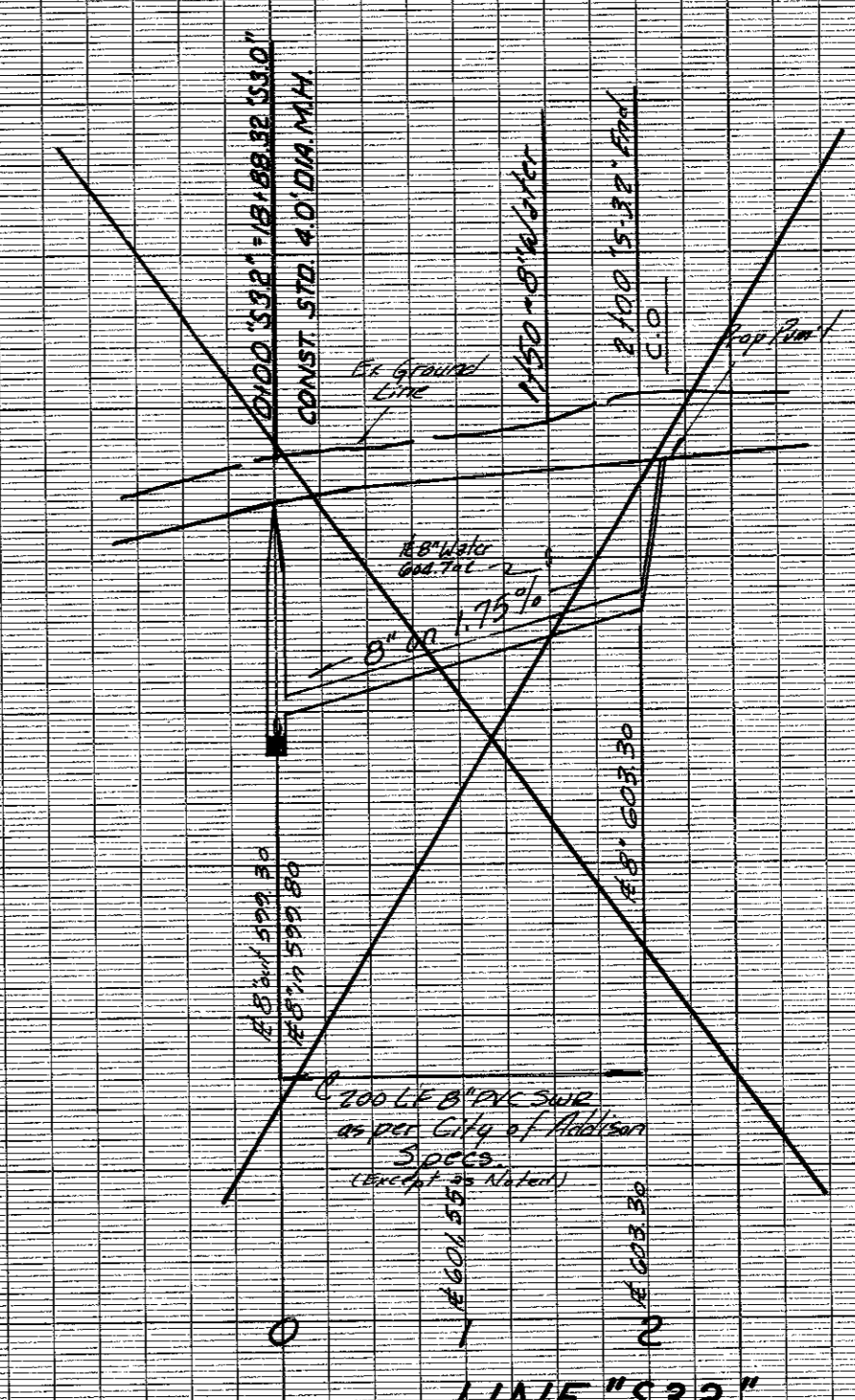
AS BUILT
DATE 3/22/82

SANITARY SEWER PROFILES						
LINES "52.0" "52.1" "52.3"						
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



13.0 L.F. 8" PVC S.W.P. 20' per City of Addison Specs (except on notes)

18.88 L.F. 8" PVC S.W.P. 20' per City of Addison Specs (except on notes)
 LINE "S3.0"



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

AS BUILT
 DATE 3/29/82

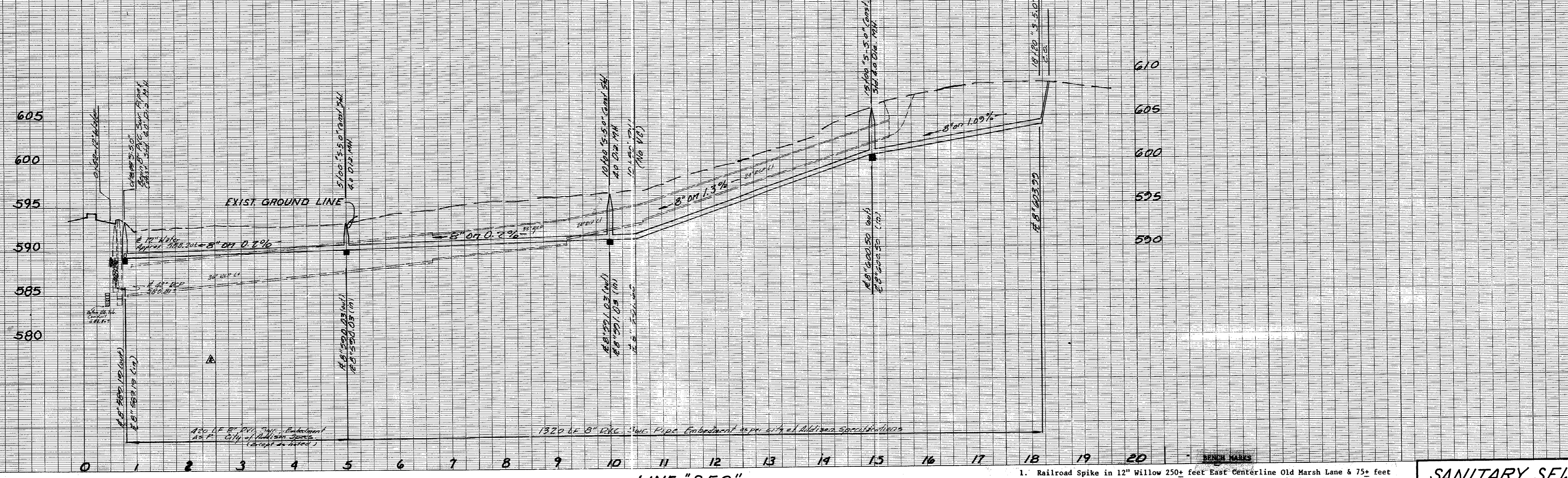
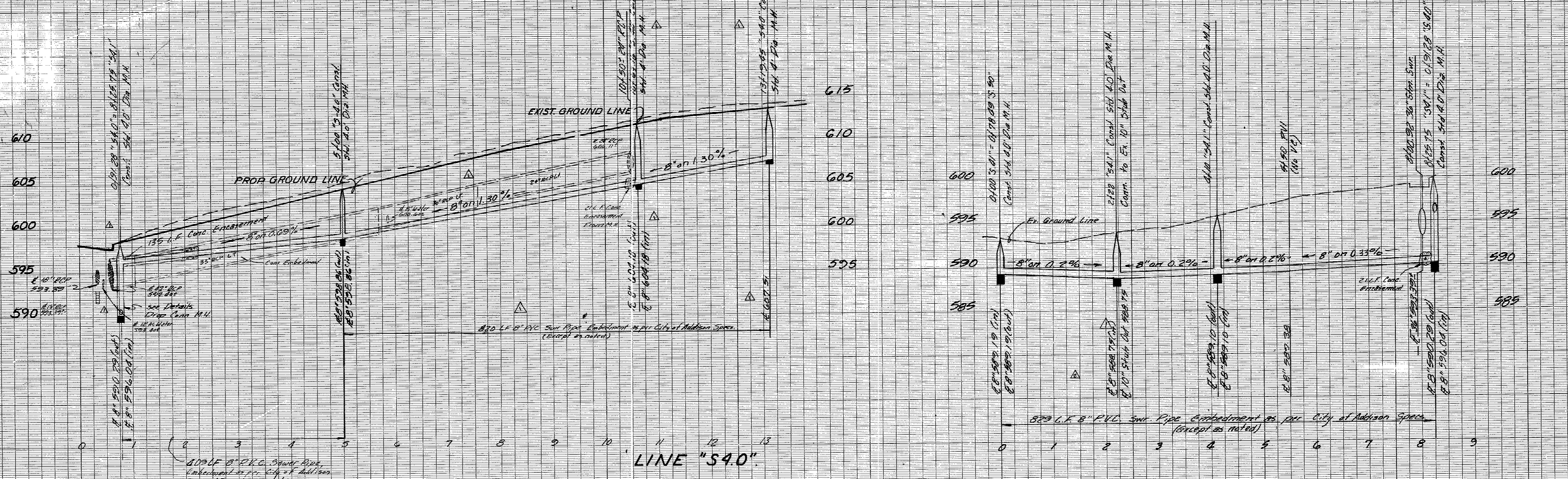
- BENCH MARKS
1. Railroad Spike in 12" Willow 250+ feet East Centerline Old Marsh Lane & 75+ feet North Centerline Belt Line. Elev. 576.32
 2. "C" Top of Curb at the Center of a 10' inlet and 75+ feet West of Centerline Commercial at the North Side of Belt Line Road. Elev. 580.83
 3. "C" Top of Concrete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

SANITARY SEWER PROFILES
LINE 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'	R.L.G.	80	95



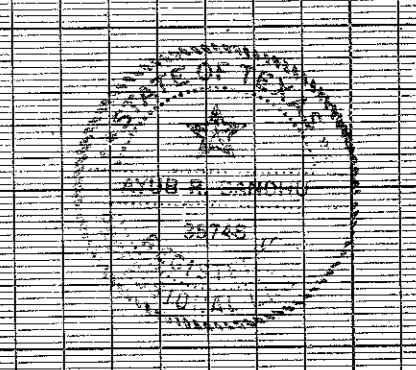


11/23/81 Revised Line "S4.0"
 Added Line "S4.1"
 2/6/82 Revised Line "S4.1" & "S5.0"

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-1287. Elev. 597.83
4. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-1288. Elev. 605.20
5. "□" Top of Concrete Footing at Northwest Corner Tower #12N-3W-1290 at angle point in Tower line. Elev. 613.16
6. "□" Top of Concrete Footing at Southwest Corner Tower #12N-3W-1291. Elev. 619.46
7. "□" Cut at top of Concrete Footing at Tower #12N-2W-1294. Elev. 607.46

SANITARY SEWER PROFILES						
LINES S4.0 & S5.0						
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' 1/2"=6'V	R.L.G.	80	95

REVISIONS
 1. 11/23/81
 2. 2/6/82



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