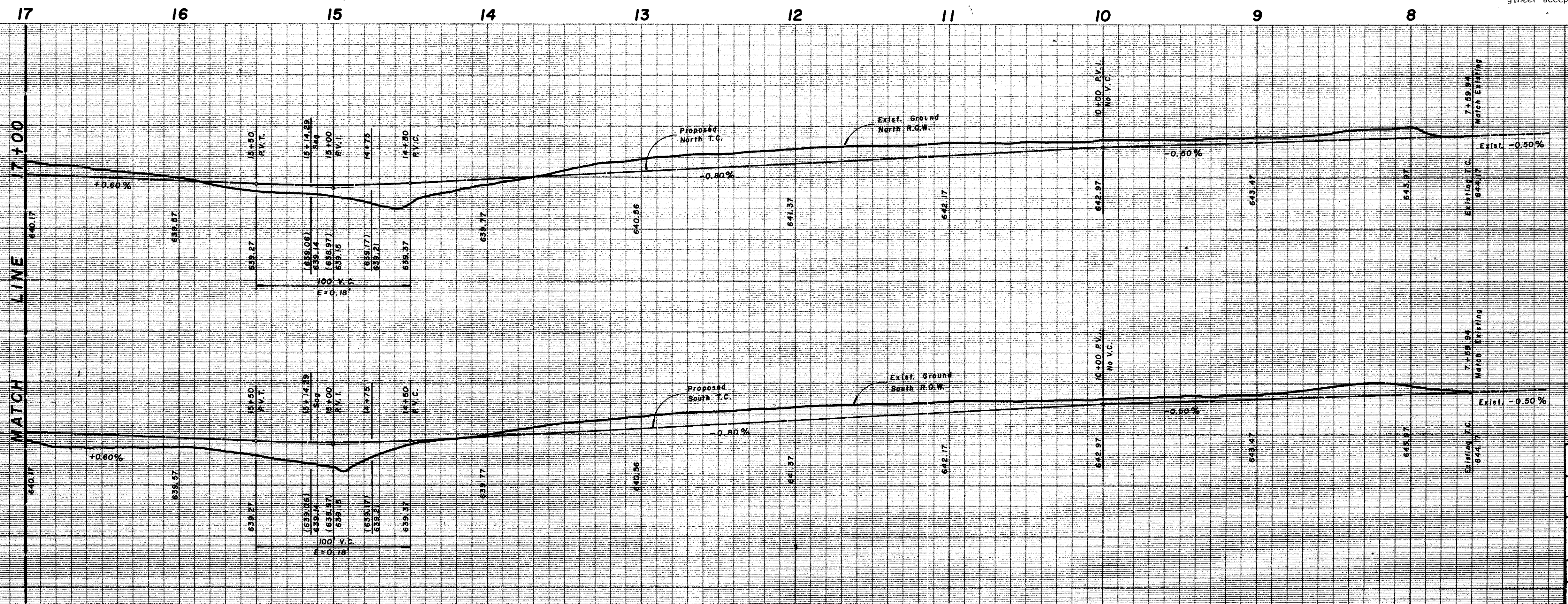


BENCH MARK # 1
 " " on T.C. 60' east of Addison Road
 north side of Westgrove.
 ELEVATION: 641.96

BENCH MARK # 2
 " " on T.C. 100'± north of Sir Lancelot
 Drive, west side of Addison Road
 ELEVATION: 642.49

The contractor is responsible to preserve the final alignment and grade stakes as set by the engineer until the completed pavement is accepted by the City. In the event stakes are lost, the engineer accepts no responsibility for pavement alignment or grade.



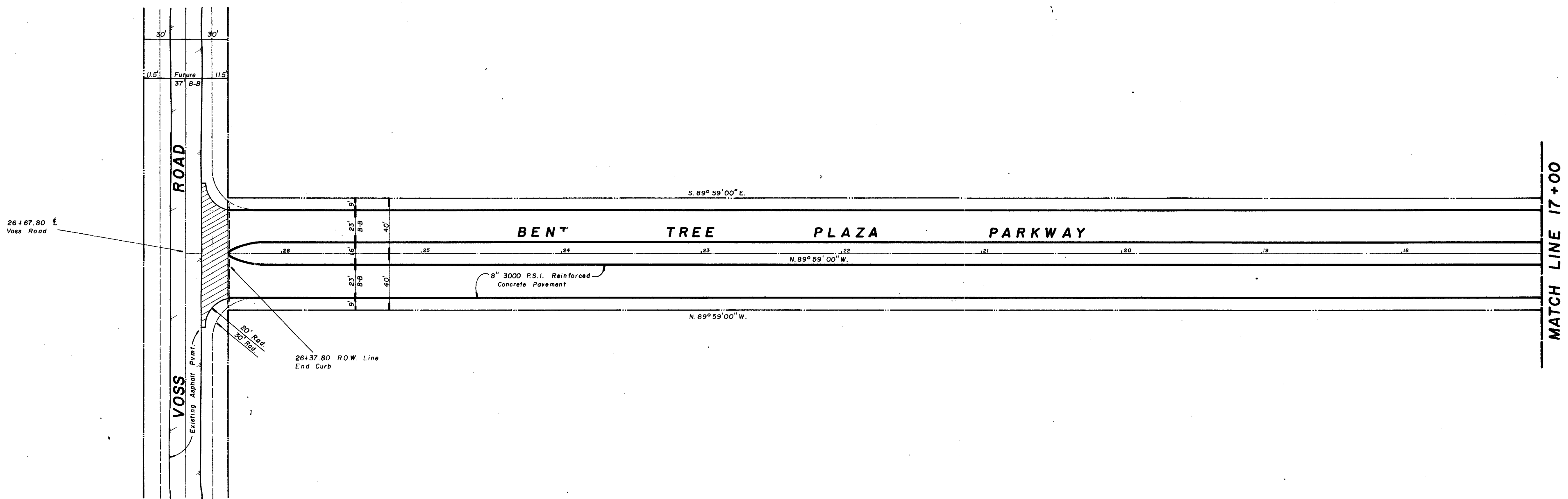
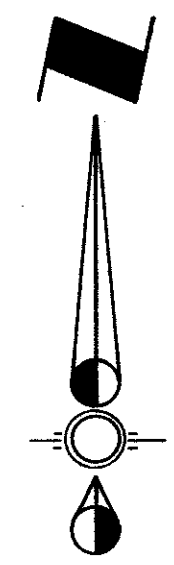
CITY OF ADDISON
 APPROVED
 FOR CONSTRUCTION

BUREAU OF PUBLIC WORKS
 DATE: _____
 ENGINEER: _____
 PLANNER: _____

CONTRACTOR: _____
 SUPERVISOR: _____

3
 11

PAVING PLAN						
BENT TREE PLAZA PARKWAY						
CITY OF ADDISON, TEXAS						
ENGINEERS	WORRELL & ASSOCIATES, INC.					PLANNERS
13619 INWOOD ROAD, SUITE 300						
DALLAS, TEXAS 75234						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
W & A	D.S.W.	OCT. '82	H: 1" = 40' V: 1" = 6'	B201-01		



The contractor is responsible to preserve the final alignment and grade stakes as set by the engineer until the completed pavement is accepted by the City. In the event stakes are lost, the engineer accepts no responsibility for pavement alignment or grade.

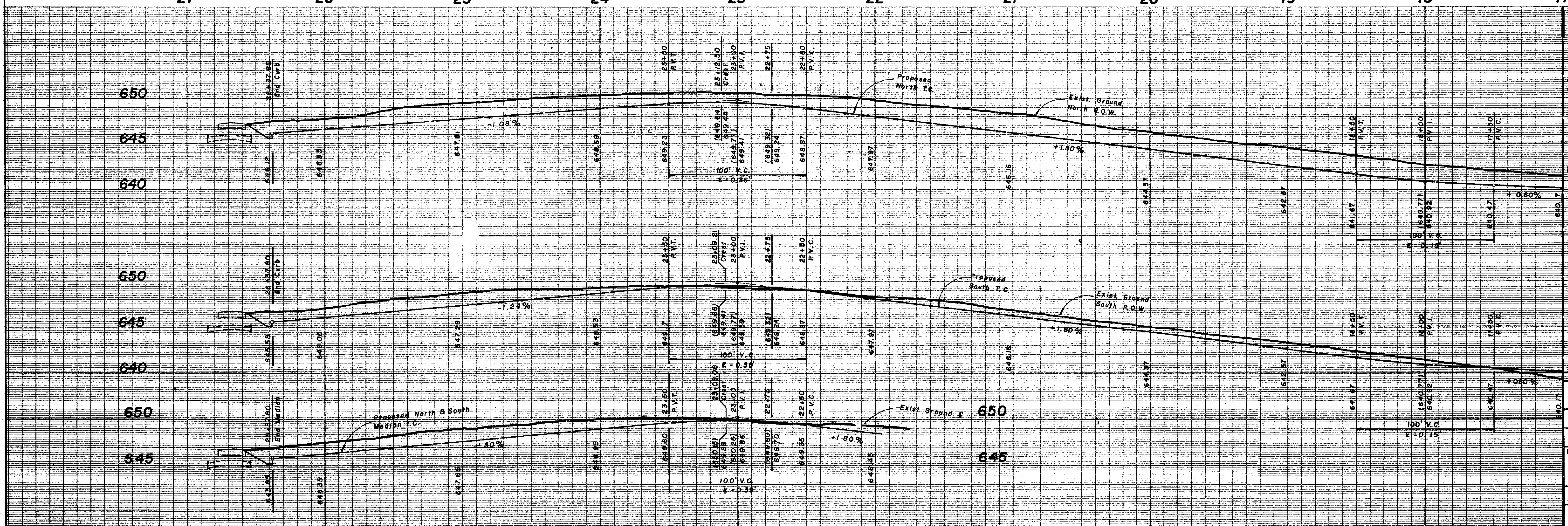
BENCH MARK # 1

" 1" on T.C. 60' east of Addison Road north side of Westgrove
ELEVATION: 641.96

BENCH MARK # 2

" 1" on T.C. 100'± north of Sir Lancelot Drive, west side of Addison Road
ELEVATION: 642.49

27 26 25 24 23 22 21 20 19 18 17



MATCH LINE 17+00

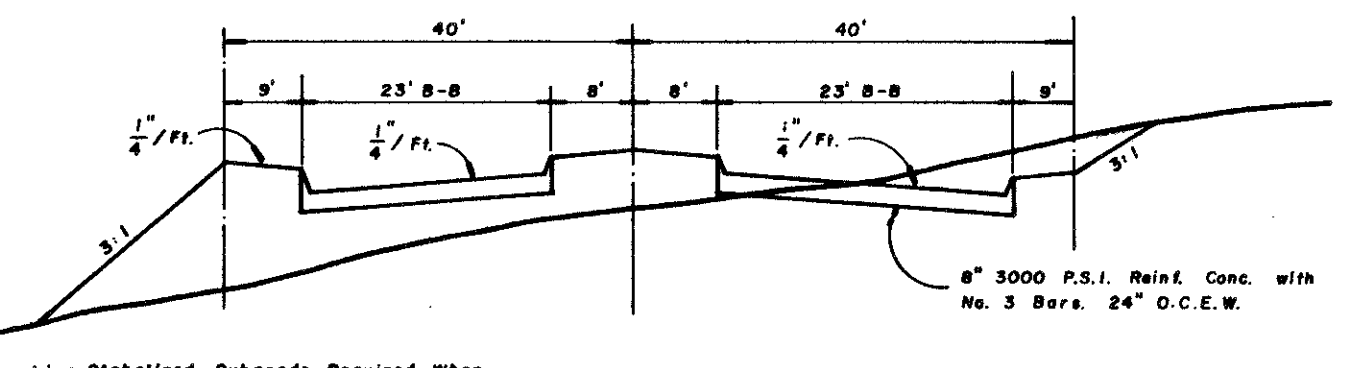
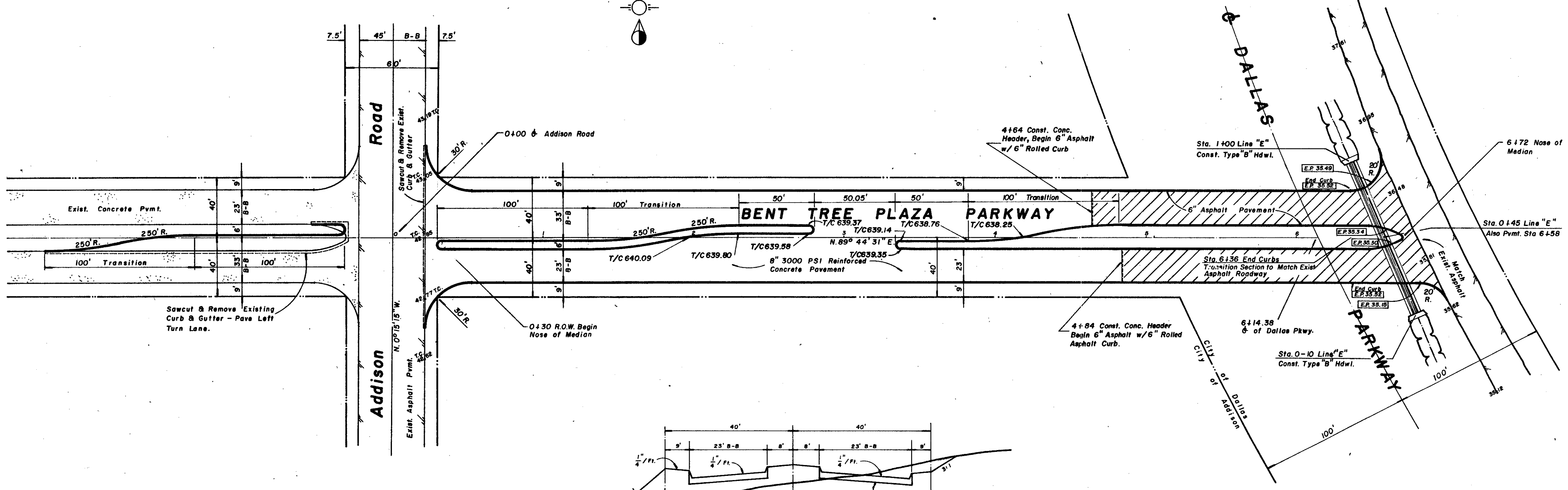
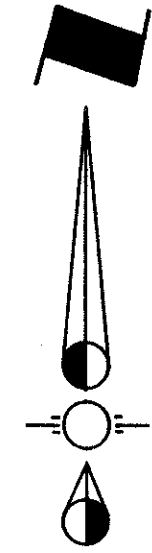
CITY OF ADDISON
APPROVED
FOR CONSTRUCTION
ENGINEERING DEPARTMENT

DATE: CONTRACTOR IS HEREBY INSTRUCTED TO TAKE CARE IN ALL WORK PRECEDING ALL PERMITS AND TO BE RESPONSIBLE TO THE LOCAL OFFICE APPROVED BY THE CITY OF ADDISON. THE CITY OF ADDISON IS NOT RESPONSIBLE FOR ANY DAMAGE TO THE WORKMANSHIP TO SUCH DAMAGE.

[Signature]
CITY ENGINEER

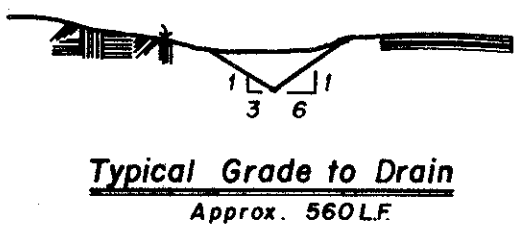
4
11

PAVING PLAN						
BENT TREE PLAZA PARKWAY						
CITY OF ADDISON, TEXAS						
ENGINEERS			PLANNERS			
WORRELL & ASSOCIATES, INC.						
13619 INWOOD ROAD, SUITE 300						
DALLAS, TEXAS 75234						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO
WBA	D.S.W.	OCT. '82	H: 1"=40' V: 1"=6'	8201 01		



Lime Stabilized Subgrade Required When P.I. is Greater Than 15, Otherwise Compact Subgrade to 95% Standard Proctor.

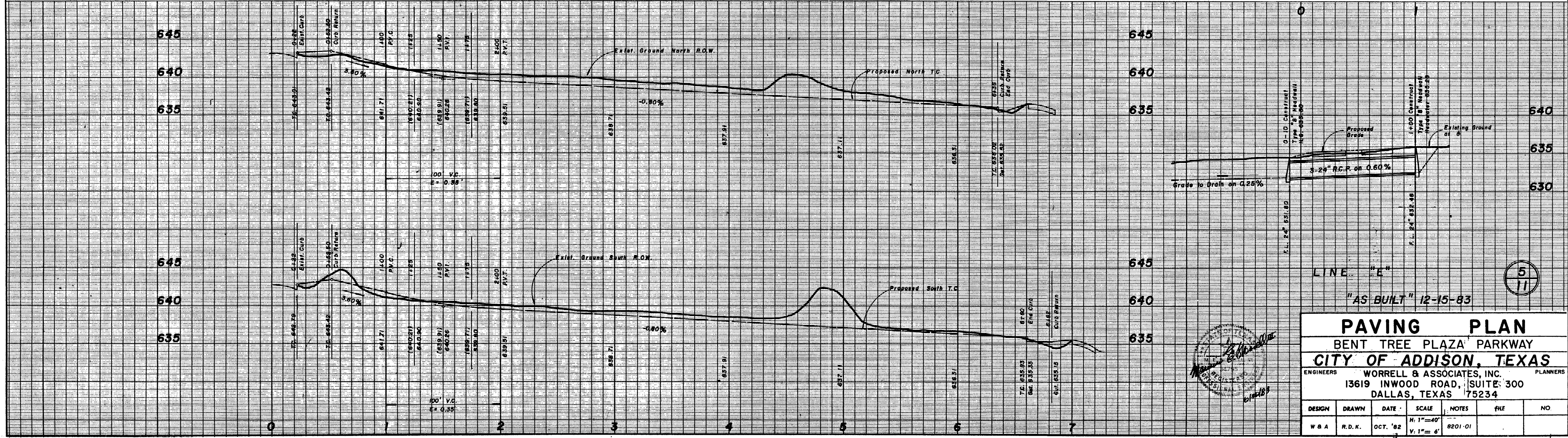
Typical Section



Typical Grade to Drain
Approx. 560LF

The contractor is responsible to preserve the final alignment and grade stakes as set by the engineer until the completed pavement is accepted by the City. In the event stakes are lost, the engineer accepts no responsibility for pavement alignment or grade.

- BENCH MARK # 1
 "□" on T.C. 60' east of Addison Road north side of Westgrove Drive, west side of Addison Road
 ELEVATION: 641.96
- BENCH MARK # 2
 "□" on T.C. 100'± north of Sir Lancelot Drive, west side of Addison Road
 ELEVATION: 642.49

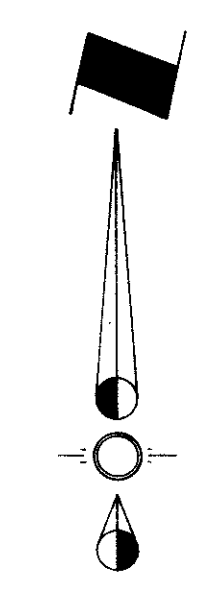
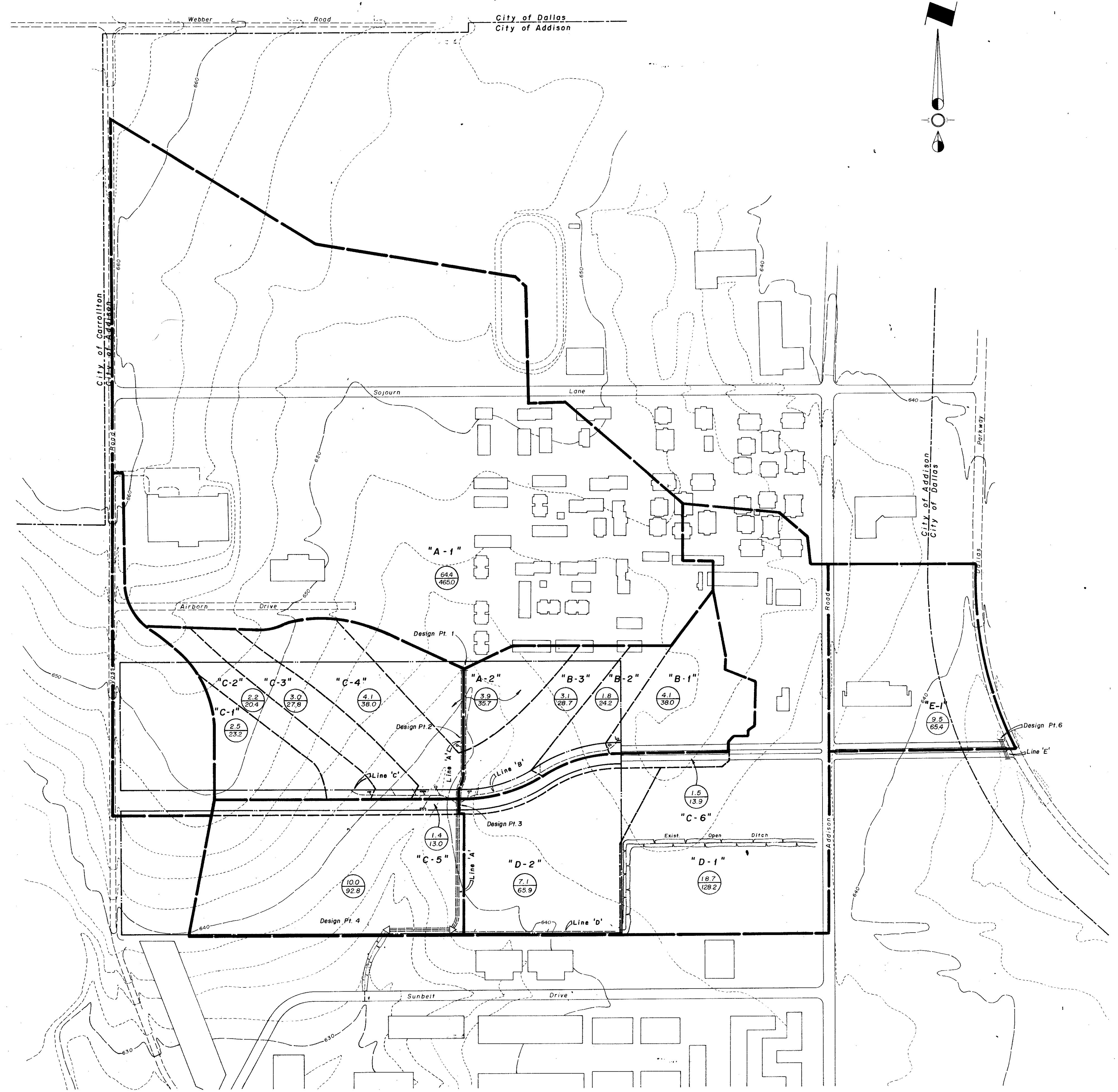


LINE "E"
 "AS BUILT" 12-15-83

PAVING PLAN
BENT TREE PLAZA PARKWAY
CITY OF ADDISON, TEXAS

ENGINEERS: **WORRELL & ASSOCIATES, INC.** PLANNERS
 13619 INWOOD ROAD, SUITE 300
 DALLAS, TEXAS 75234

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO
W & A	R.D.K.	OCT. '82	H: 1"=40' V: 1"=6'	8201-01		



DRAINAGE DESIGN							
Design Point	Area (Acres)	"C"	Incr. "CA"	Accum. "CA"	t _c	I ₁₀₀	Q ₁₀₀
1	64.4	0.781	50.0	50.0	16.2	9.3	465.0
2	3.9	0.795	3.1	53.1	16.6	9.1	483.2
3	20.8	0.797	16.6	69.7	16.9	9.0	627.3
4	35.8	0.800	28.6	98.3	17.9	8.6	845.4
City of Dallas Criteria							
6	9.5	0.9	8.6	8.6	11.1	7.6	65.4

LEGEND:
 Q = CIA
 C = 0.8 Commercial
 C = 0.7 Multi-Family
 Minimum t_c = 10 Min
 I₁₀₀ = 11.6 in./hr.
 Q₁₀₀ = 9.28 A

Area (Acres)
 Q₁₀₀ (cfs)

**CITY OF ADDISON
 APPROVED
 FOR CONSTRUCTION**

BUILDING DEPARTMENT

NOTE: CONTRACTOR IS HEREBY INSTRUCTED TO EXERCISE CARE IN PLACING OR EXCEEDING ALL REQUIREMENTS OF BOTH NATIONAL AND LOCAL CODES AND OR ORGANIZATION'S APPLICABLE TO HIS WORK. APPROVAL OF THESE DRAWINGS SHALL NOT BE CONSTRUED TO RELIEVE RESPONSIBILITY OR IMPLY VARIANCE TO SUCH CODES.

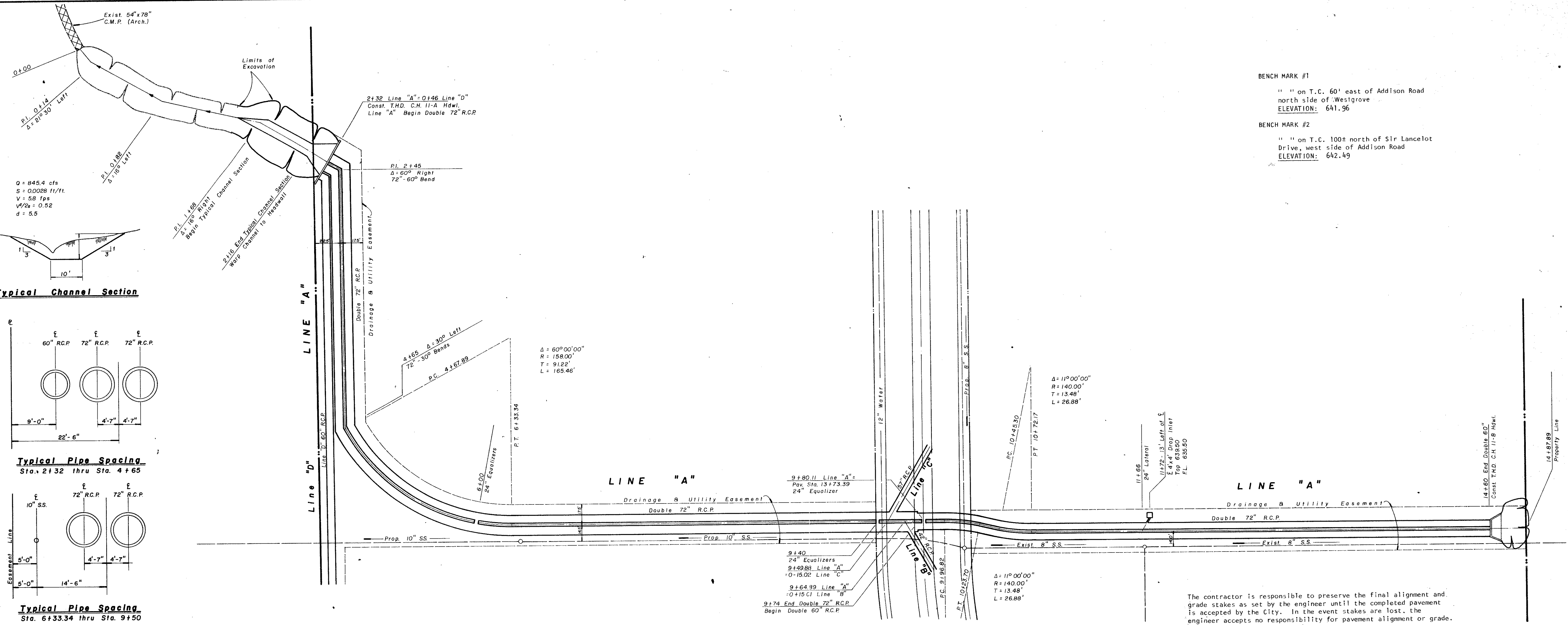
6
11

DRAINAGE AREA MAP
 BENT TREE PLAZA PARKWAY
 CITY OF ADDISON, TEXAS

ENGINEERS WORRELL & ASSOCIATES, INC. PLANNERS
 13619 INWOOD ROAD, SUITE 300
 DALLAS, TEXAS 75234

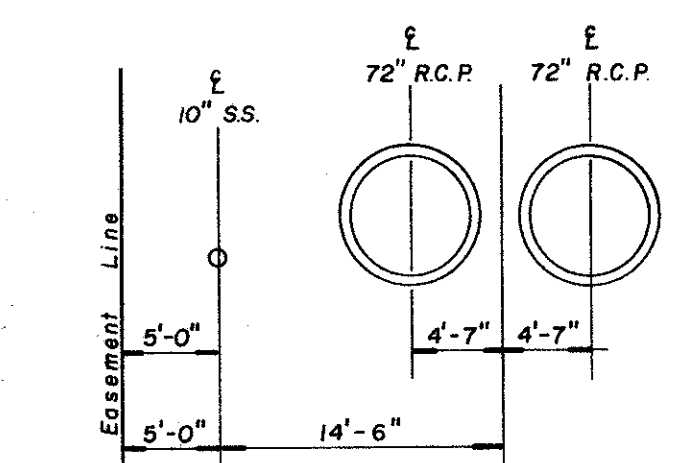
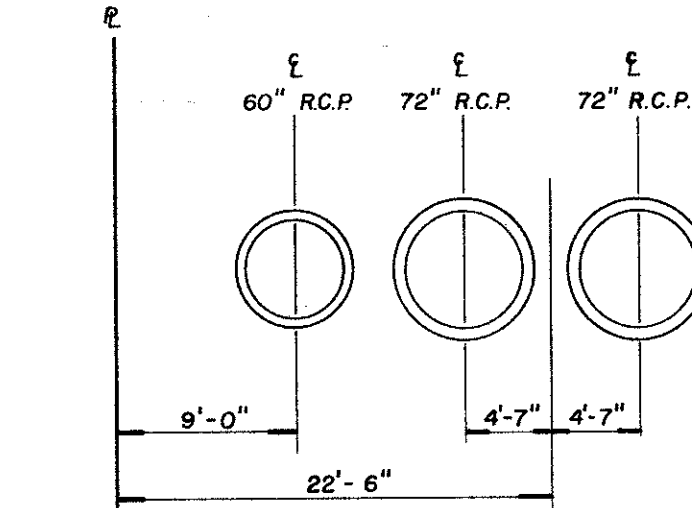
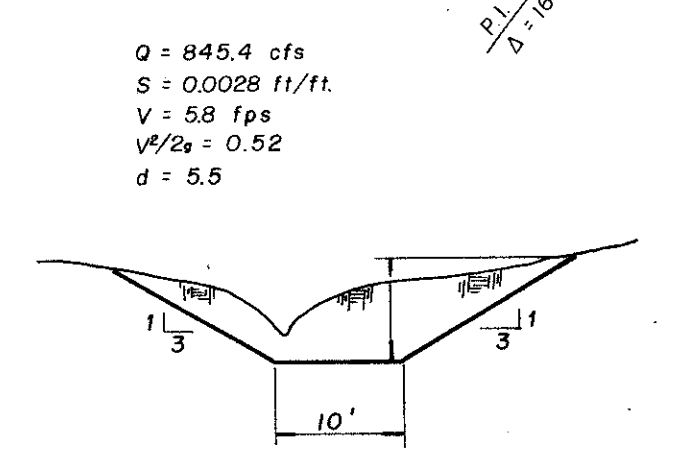
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
W & A	RGB	OCT. '82	1" = 200'	8201-01		

Worrell & Associates, Inc.
 6/30/82

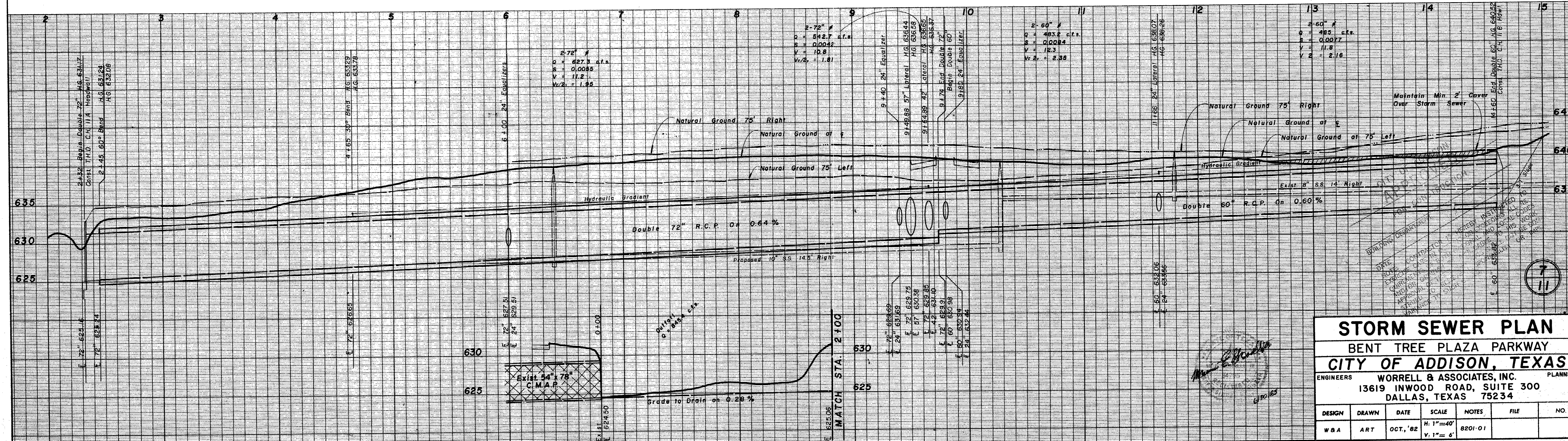


BENCH MARK #1
 " " on T.C. 60' east of Addison Road
 north side of Westgrove
 ELEVATION: 641.96

BENCH MARK #2
 " " on T.C. 100± north of Sir Lancelot
 Drive, west side of Addison Road
 ELEVATION: 642.49



The contractor is responsible to preserve the final alignment and grade stakes as set by the engineer until the completed pavement is accepted by the City. In the event stakes are lost, the engineer accepts no responsibility for pavement alignment or grade.



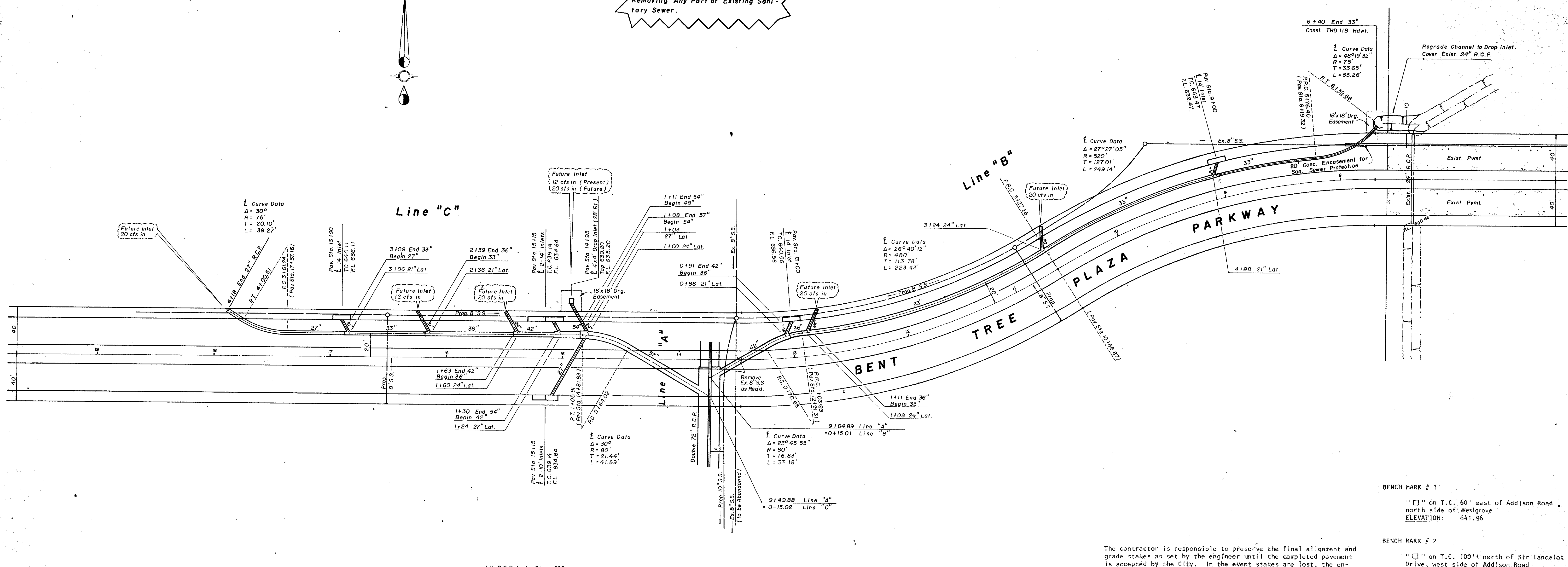
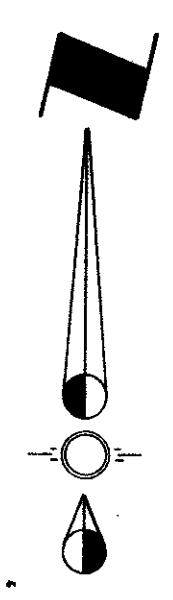
STORM SEWER PLAN
 BENT TREE PLAZA PARKWAY
 CITY OF ADDISON, TEXAS

ENGINEERS: **WORRELL & ASSOCIATES, INC.**
 13619 INWOOD ROAD, SUITE 300
 DALLAS, TEXAS 75234

PLANNERS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
WBA	ART	OCT., '82	H: 1"=40' V: 1"= 6'	8201-01		

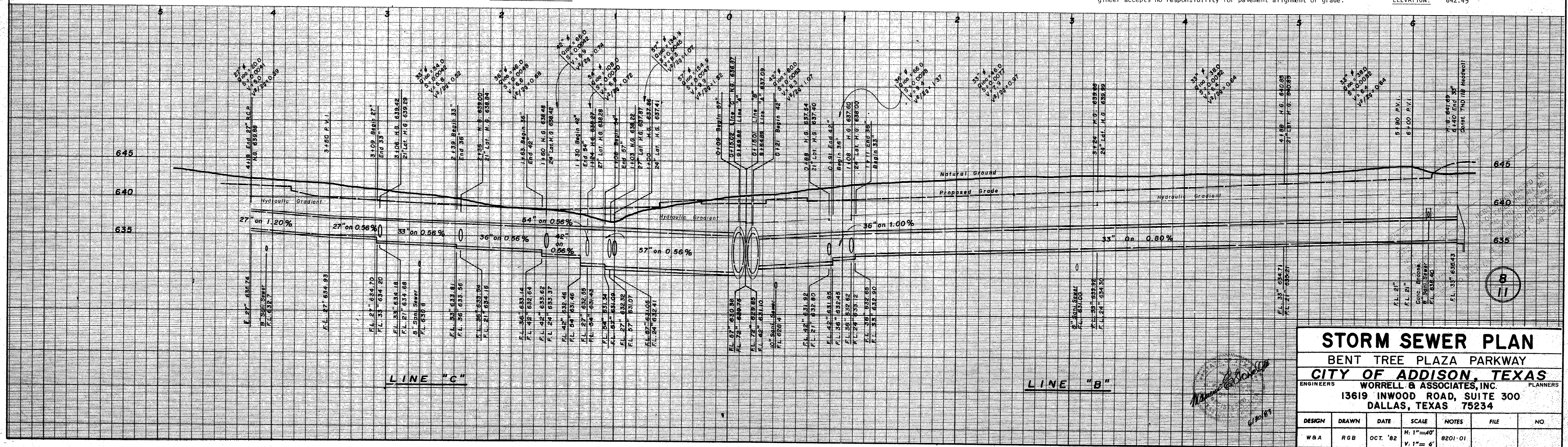
NOTE: New Sanitary Sewer Must Be Constructed and Approved Before Removing Any Part of Existing Sanitary Sewer.



BENCH MARK # 1
 "□" on T.C. 60' east of Addison Road, north side of Westgrove Drive, west side of Addison Road
 ELEVATION: 641.96

BENCH MARK # 2
 "□" on T.C. 100' north of Sir Lancelot Drive, west side of Addison Road
 ELEVATION: 642.49

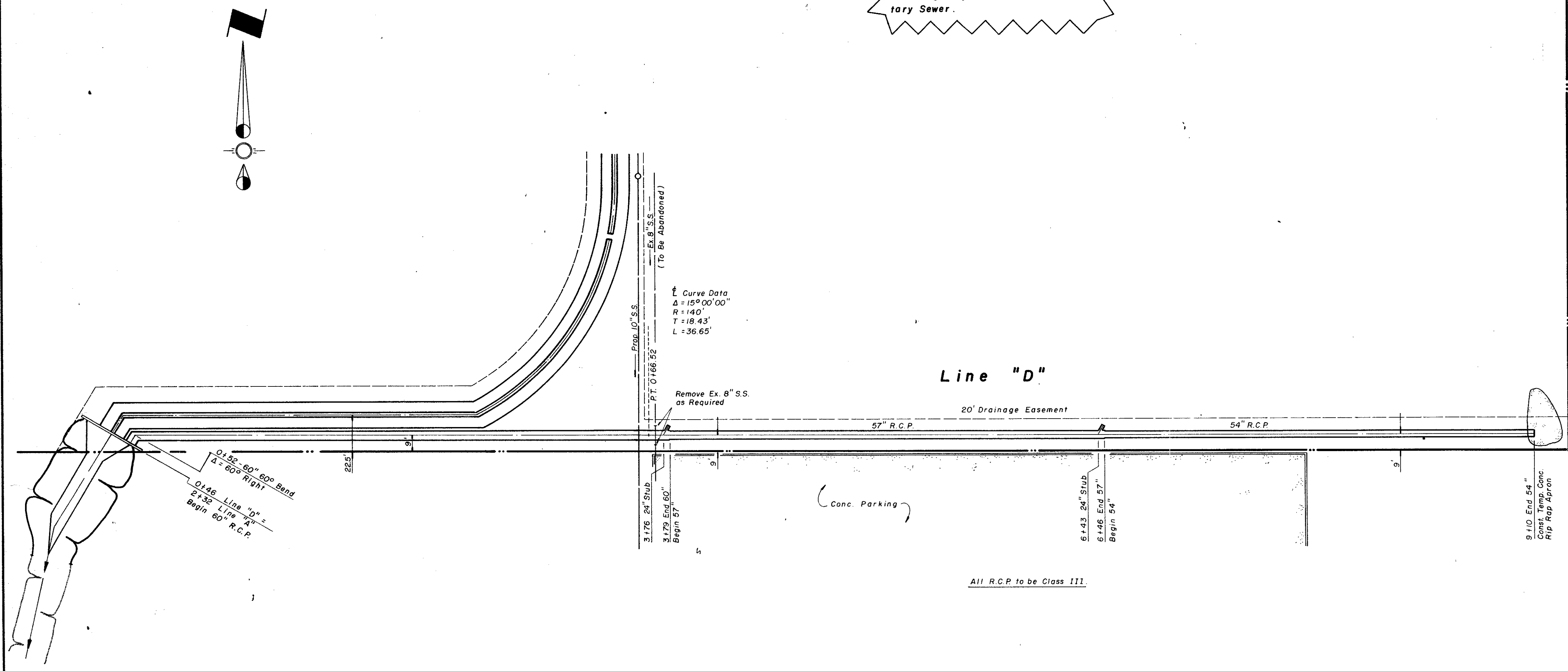
The contractor is responsible to preserve the final alignment and grade stakes as set by the engineer until the completed pavement is accepted by the City. In the event stakes are lost, the engineer accepts no responsibility for pavement alignment or grade.



STORM SEWER PLAN						
BENT TREE PLAZA PARKWAY						
CITY OF ADDISON, TEXAS						
ENGINEERS	WORRELL & ASSOCIATES, INC.					PLANNERS
13619 INWOOD ROAD, SUITE 300						
DALLAS, TEXAS 75234						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
W&A	RGB	OCT. '82	H: 1"=40' V: 1"=4'	8201-01		

8
11

NOTE: New Sanitary Sewer Must Be Constructed and Approved Before Removing Any Part of Existing Sanitary Sewer.

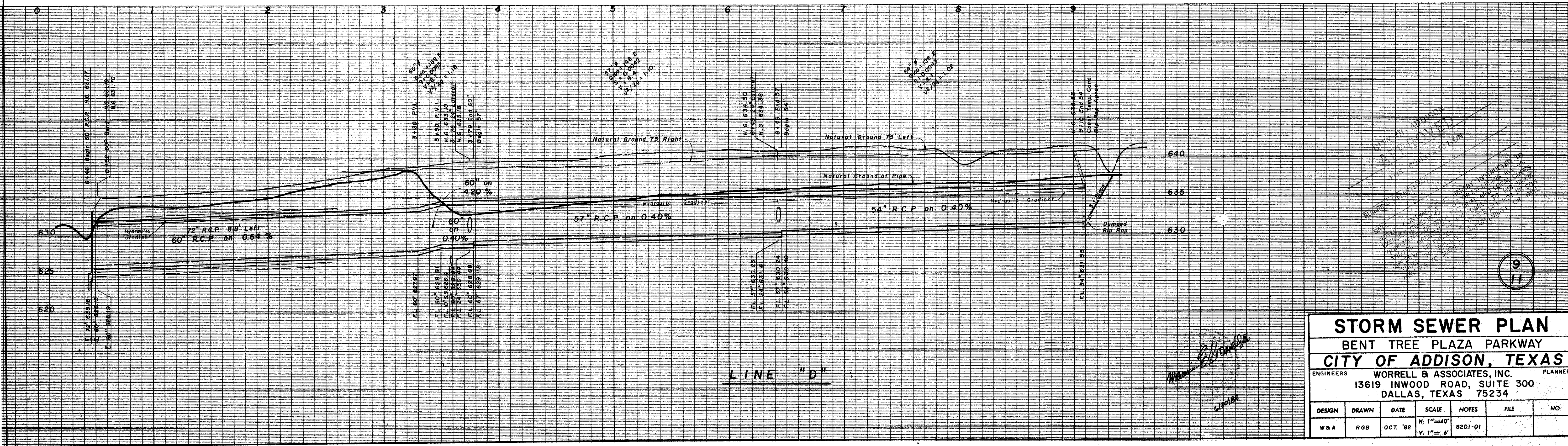


All R.C.P. to be Class III.

BENCH MARK # 1
 "□" on T.C. 60' east of Addison Road
 north side of Westgrove
 ELEVATION: 641.96

BENCH MARK # 2
 "□" on T.C. 100'± north of Addison Road
 Drive, west side of Addison Road
 ELEVATION: 642.49

The contractor is responsible to preserve the final alignment and grade stakes as set by the engineer until the completed pavement is accepted by the City. In the event stakes are lost, the engineer accepts no responsibility for pavement alignment or grade.



CITY OF ADDISON
 RECEIVED
 ENGINEERING DEPARTMENT
 10/15/02
 13619 INWOOD ROAD, SUITE 300
 DALLAS, TEXAS 75234
 WWW.CITYOFADDISON.TX

9
 11

STORM SEWER PLAN
 BENT TREE PLAZA PARKWAY
 CITY OF ADDISON, TEXAS
 ENGINEERS: WORRELL & ASSOCIATES, INC. PLANNERS
 13619 INWOOD ROAD, SUITE 300
 DALLAS, TEXAS 75234

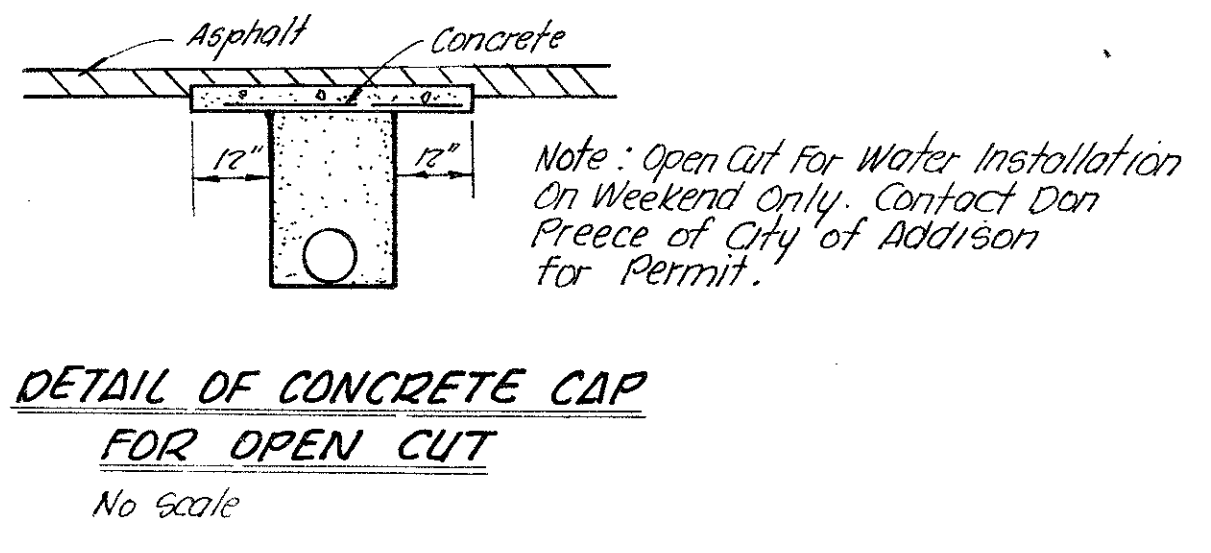
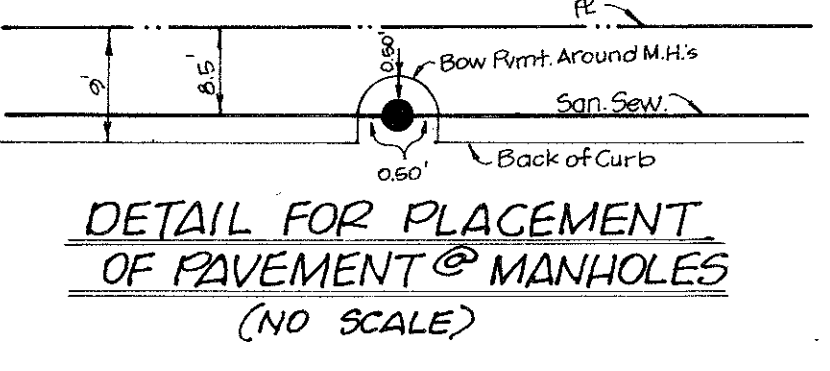
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO
WBA	RGB	OCT. '02	H: 1"=40' V: 1"=6'	8201-01		

- GENERAL NOTES**
- Sanitary Sewer to be PVC. 24" R.C.P. 35 Sewer Pipe.
 - Water Mains to be PVC S.D.R. 18 Water Pipe.
 - Fire Hydrants to be Mueller Centurion Only.
 - All Test Acceptable Per City of Dallas Standard.
 - All Valves to be Mueller.

NOTE: Verify Elevations In Field Prior to Construction

NOTE: All Sanitary Sewer Manholes to Be Poured in Place

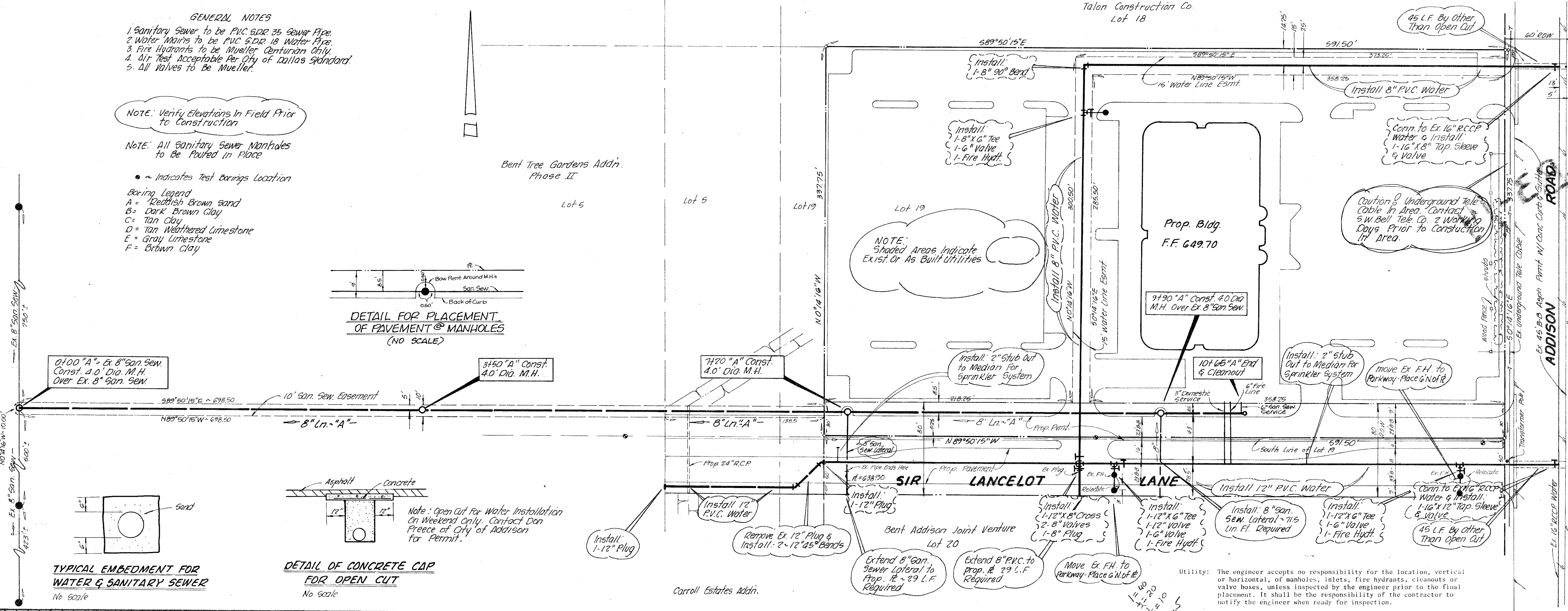
- ~ Indicates Test Borings Location
- Boring Legend**
- A = Reddish Brown sand
 - B = Dark Brown Clay
 - C = Tan Clay
 - D = Tan Weathered Limestone
 - E = Gray Limestone
 - F = Brown Clay



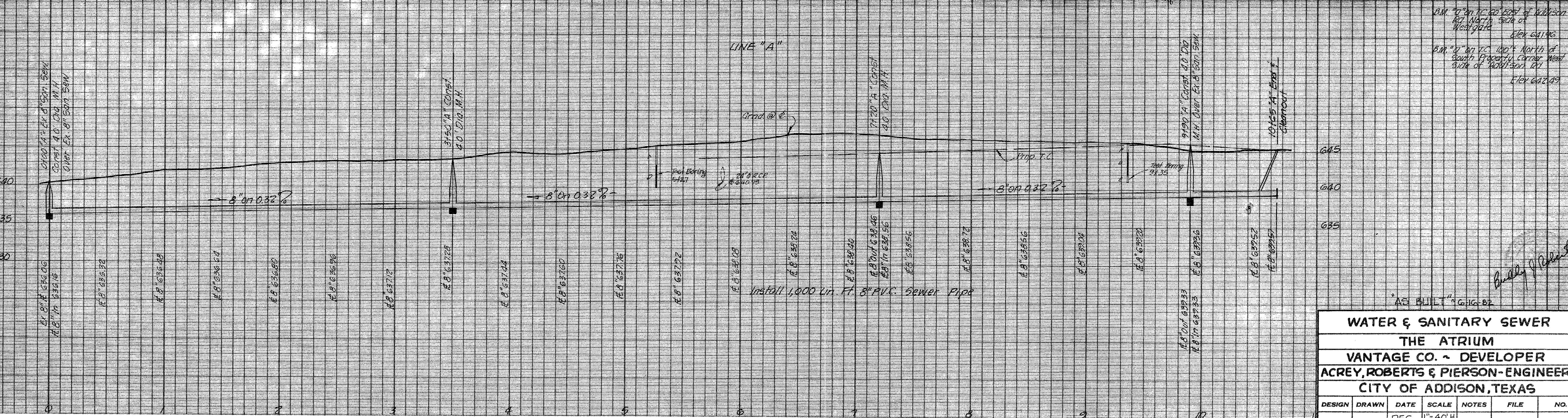
Bent Tree Gardens Addr. Phase II

Lot 6 Lot 5 Lot 19 Lot 19

Talon Construction Co. Lot 18



Utility: The engineer accepts no responsibility for the location, vertical or horizontal, of manholes, inlets, fire hydrants, cleanouts or valve boxes, unless inspected by the engineer prior to the final placement. It shall be the responsibility of the contractor to notify the engineer when ready for inspection.



WATER & SANITARY SEWER						
THE ATRIUM						
VANTAGE CO. ~ DEVELOPER						
ACREY, ROBERTS & PIERSON-ENGINEERS						
CITY OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
A.R.P.	G.L.S.	DEC. 1981	1"=40' H 1"=6' V	A.R.P.		

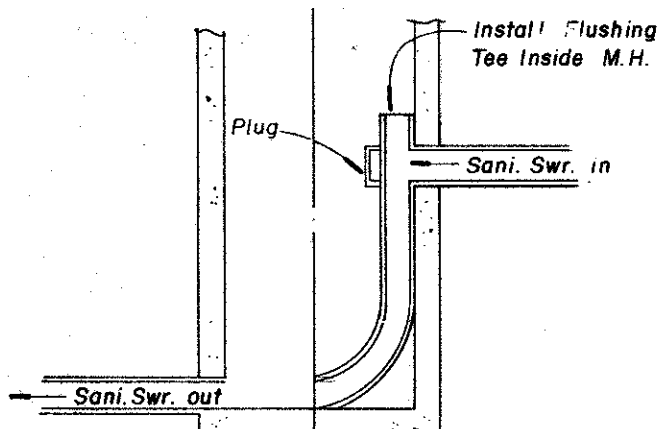
GENERAL SPECIFICATIONS

- All water mains shall be P.V.C. S.D.R.-18 in accordance with A.W.A.A. Specification C-900-75 with cast iron outside dimension and rubber ring joints. Fitting shall be mechanical joint or rubber ring slip joint cast iron fittings.
- All water mains to have a minimum of 48" of cover or as required to clear other utilities.
- Fire hydrants shall be Mueller Centurion and be placed 2.5' behind back of curb.
- All valves to be Mueller or approved equal.
- A No. 12 coated copper wire or metallic tracer tape equivalent shall be placed in the trench over all water lines.
- Sanitary Sewer mains shall be P.V.C. S.D.R.-35 sewer pipe.
- Manholes to be poured in place with steps. Manholes to have pick bar covers.
- Unless otherwise noted all materials and construction shall conform to the standards and specifications of the City of Addison, Texas.
- In the event an item is not covered in the City of Addison's Specifications, the City Engineer's decision shall apply.
- Contractor shall verify location and elevations of existing utilities and notify the engineer of any discrepancies.

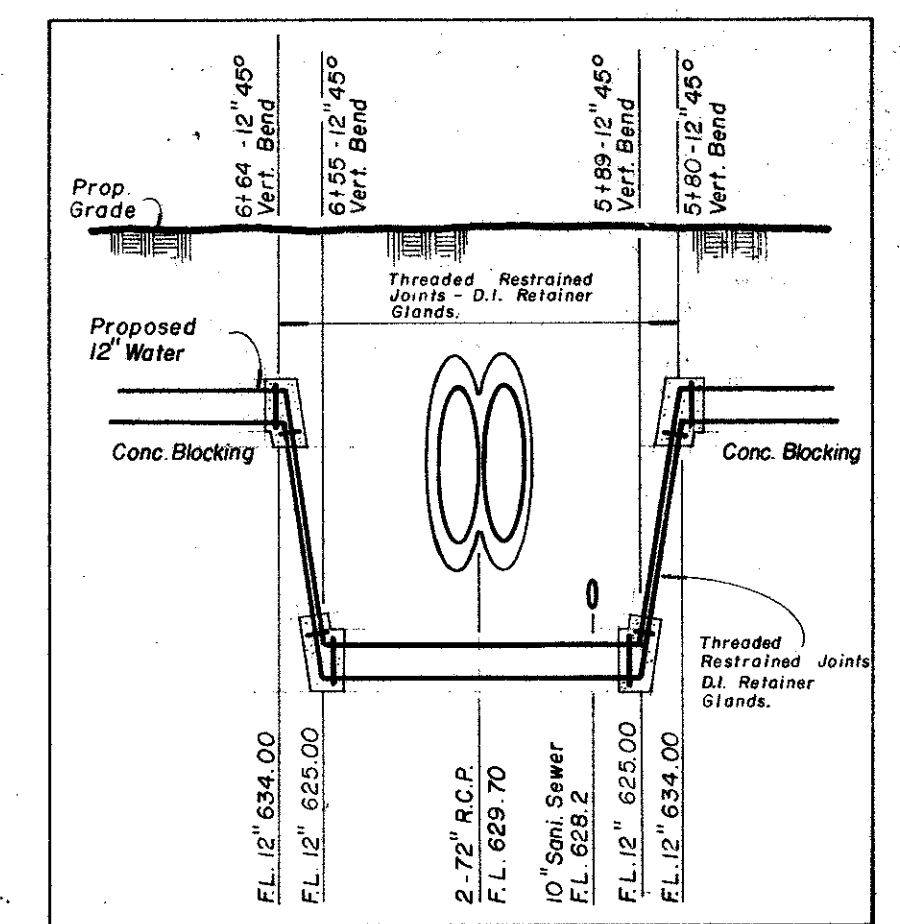
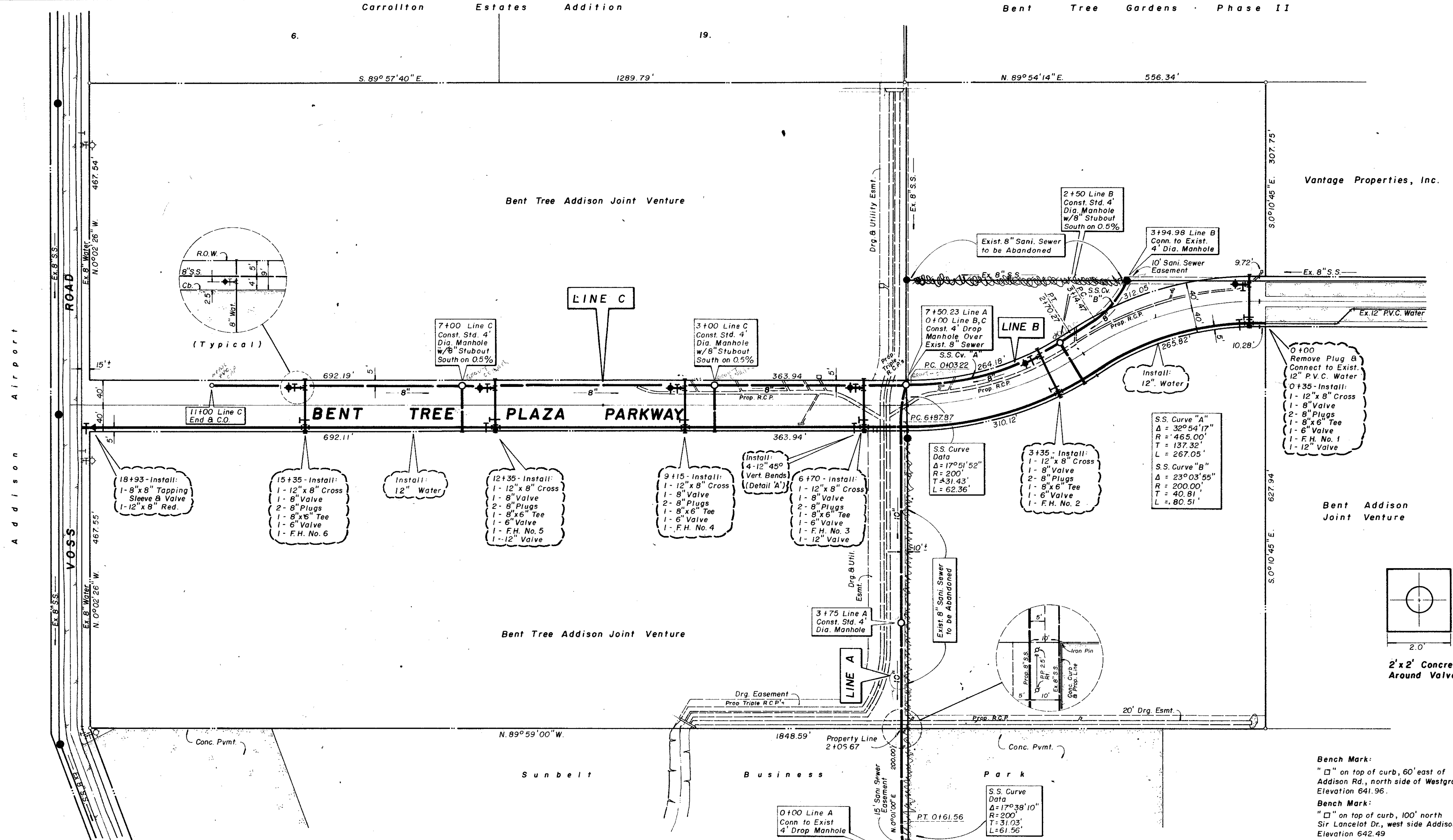
The contractor is responsible to preserve the final alignment and grade stakes as set by the engineer until the completed pavement is accepted by the City. In the event stakes are lost, the engineer accepts no responsibility for pavement alignment or grade.

Fire Hydrant Elevations

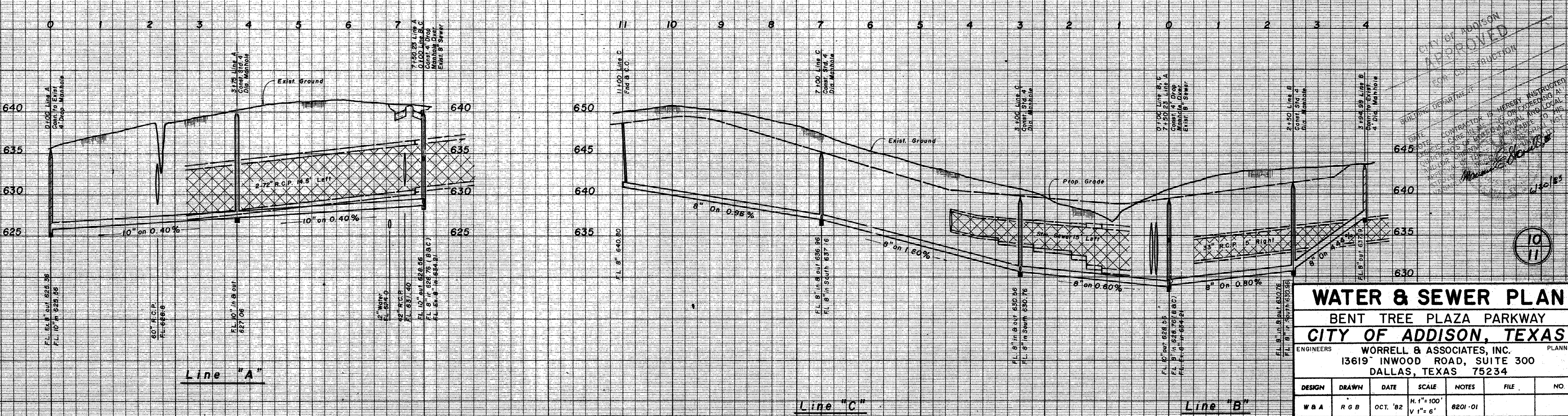
No.	Elev. at Bottom of Flange
1	644.25
2	642.30
3	640.00
4	640.30
5	644.55
6	649.65



Typical Embedment For Water & Sanitary Sewer
N.T.S.



Bench Mark:
"□" on top of curb, 60' east of Addison Rd., north side of Westgrove. Elevation 641.96.
Bench Mark:
"□" on top of curb, 100' north Sir Lancelot Dr., west side Addison Rd. Elevation 642.49.



WATER & SEWER PLAN
BENT TREE PLAZA PARKWAY
CITY OF ADDISON, TEXAS

ENGINEERS: **WORRELL & ASSOCIATES, INC.** PLANNERS
13619 INWOOD ROAD, SUITE 300
DALLAS, TEXAS 75234

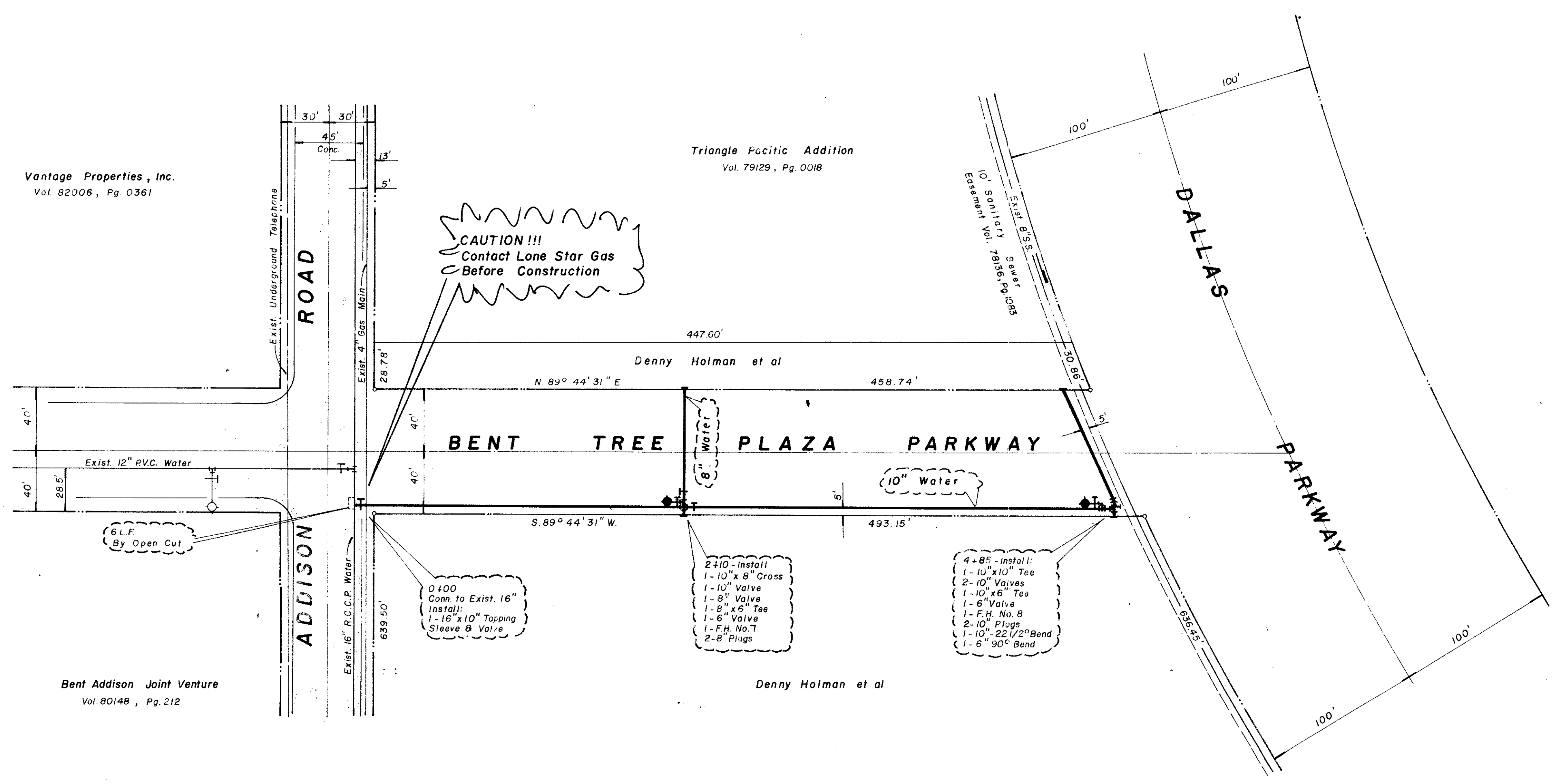
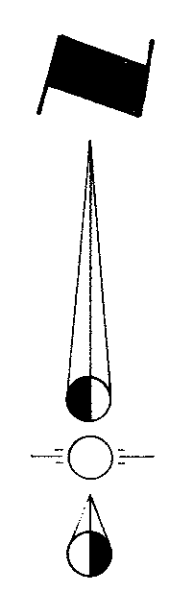
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO
W & A	R & B	OCT. '82	H. 1" = 100' V. 1" = 6'	8201-01		

CITY OF ADDISON
APPROVED
FOR CONSTRUCTION

DATE: 10/12/82
BY: [Signature]

10/11

B3-12
B3-12

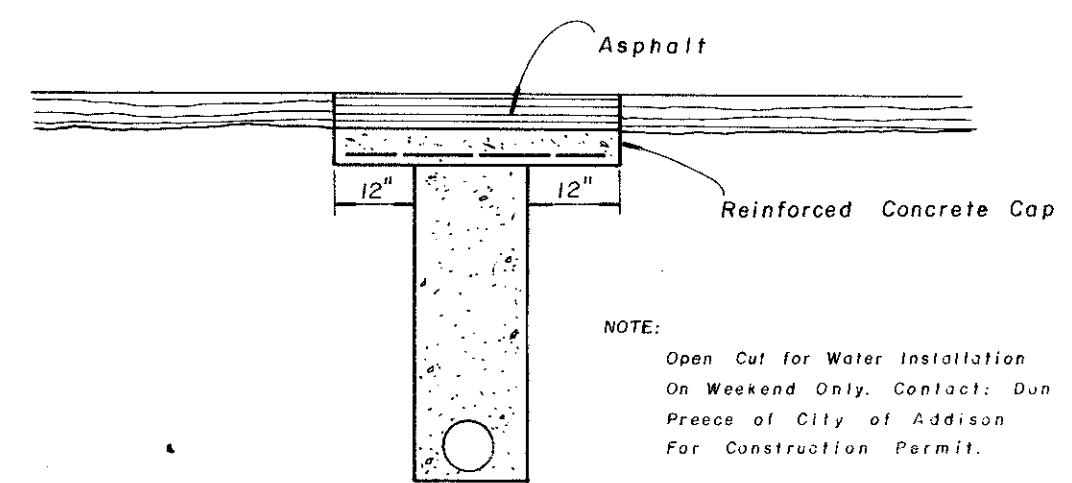


Vantage Properties, Inc.
Vol. 82006, Pg. 0361

Triangle Pacific Addition
Vol. 79129, Pg. 0018

Bent Addison Joint Venture
Vol. 80148, Pg. 212

Denny Holman et al



NOTE:
Open Cut for Water Installation
On Weekend Only. Contact: Dan
Preece of City of Addison
For Construction Permit.

Detail For Open Cut
N.T.S.

NOTE:
The Contractor Shall Protect All Public Utilities in the
Construction of This Project. All Manholes, Cleanouts
Valve Boxes, Fire Hydrants, etc., Must Be Adjusted To
Proper Line And Grade By The Contractor After
Placing Of Permanent Paving.

FIRE HYDRANT ELEVATIONS

No.	Elev. at Bottom of Flange
7.	639.60
8.	637.35

BENCH MARK # 1
"□" on T.C. 60' east of Addison Road
north side of Westgrove
ELEVATION: 641.96

BENCH MARK # 2
"□" on T.C. 100' north of Sir Lancelot
Drive, west side of Addison Road
ELEVATION: 642.49

CITY OF ADDISON
APPROVED
FOR CONSTRUCTION
BUILDING DEPARTMENT

DATE: _____
NOTE: CONTRACTOR IS HEREBY INSTRUCTED TO
EXERCISE CARE IN MEETING OR EXCEEDING ALL RE-
QUIREMENTS OF BOTH NATIONAL AND LOCAL CODES
AND/OR ORDINANCES APPLICABLE TO HIS WORK.
REMOVAL OF THESE PLINGS SHALL NOT BE CON-
SIDERED A WAIVER OF BUILDER'S RESPONSIBILITY OR IMPLY
ADVANCE TO SUCH CODES.

WATER PLAN
BENT TREE PLAZA PARKWAY
CITY OF ADDISON, TEXAS

ENGINEERS: **WORRELL & ASSOCIATES, INC.** PLANNERS

13619 INWOOD ROAD, SUITE 300
DALLAS, TEXAS 75234

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
W 8A	RDK.	OCT. '82	1"=50'	8201-01		