

B18-1

CONSTRUCTION PLANS

FOR

MILLENNIUM PHASE I

AN ADDITION TO

THE TOWN OF ADDISON, TEXAS

Index Of Drawings

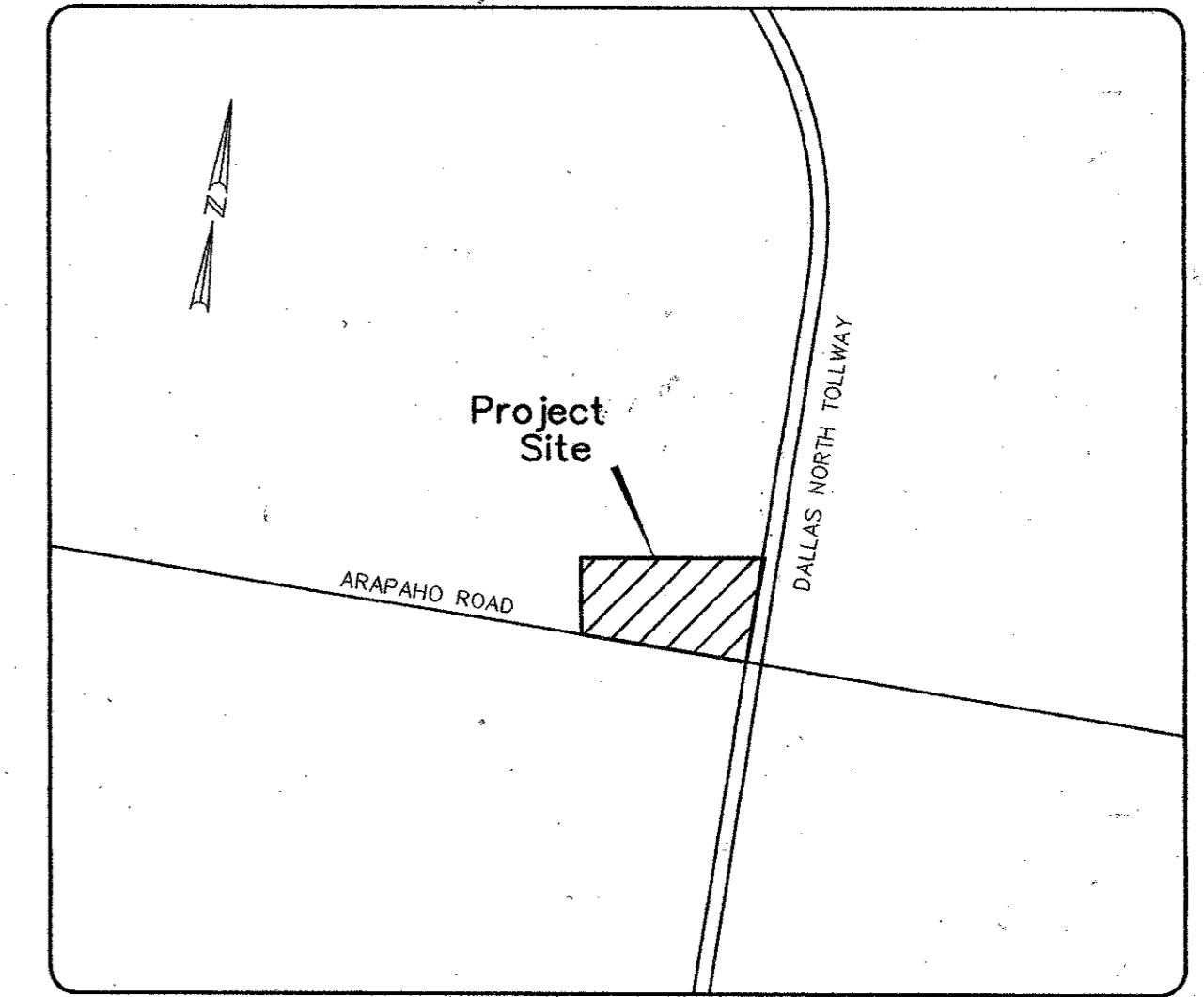
- C-1 Cover Sheet
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- C-2c Final Plat
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- C-4 Paving Plan
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- C-9 Water and Wastewater Plan
- C-10 Erosion Control
- C-11 Horizontal Control Plan

Owner

Wynne/Jackson, Inc.
 600 N. Pearl, Suite 650
 Dallas, Texas 75201
 (214) 880-8600
 Contact Clyde Jackson

Engineer

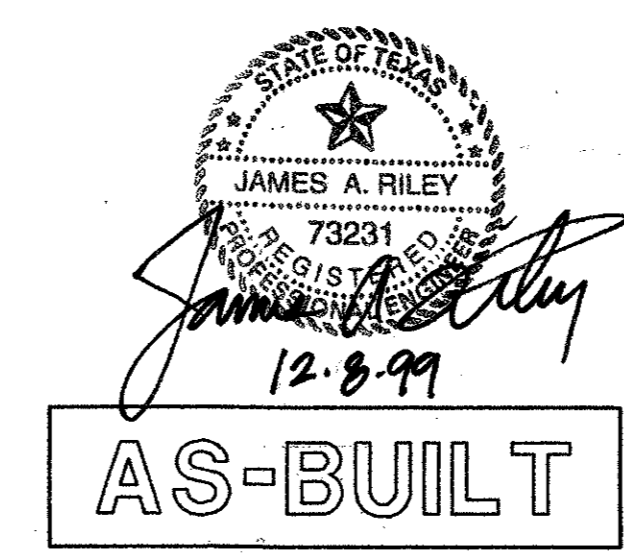
Brockette • Davis • Drake
 4144 N. Central Expressway, Suite 1100
 Dallas, Texas 75204
 (214) 824-3647



Location Map

GENERAL NOTES

- A. Prior to final acceptance by the Town of Addison,
 1. A Texas Registered Professional Engineer shall certify that the project was constructed in accordance with the plans and specifications approved by the Town of Addison.
 2. The Owner shall provide one reproducible set of as-built (sealed and certified by a Texas Registered Engineer) and two blue lines sets.
 3. A five foot (5') sidewalk shall be installed along the public streets. See attached detail.
 4. A one year 10% maintenance bond is required for the public infrastructure.
 5. Contractor shall demonstrate that the water and sanitary sewer systems meet the property pressure, bacteria, and mandrel tests. In addition, the Owner shall provide a VHS format video tape of the sanitary sewer.
- B. Prior to starting construction, the Contractor shall contact the utility companies to locate existing facilities. These include but may not be limited to the following:
 1. Town of Addison
 2. Lone Star Gas
 3. Southwestern Bell
 4. Storer Cable
 5. Planned Cable Systems
 6. T.U. Electric
- C. Prior to beginning construction, the Owner or his authorized representative shall convene a preconstruction conference among the Town of Addison, Consulting Engineers, Contractor(s), utility companies and any other affected parties. Notify Bruce Ellis (972) 450-2547, at least 48 hours prior to beginning of construction.
- D. Any existing pavement, curbs, and/or sidewalks damaged or removed will be repaired by the Contractor at their expense.
- E. Lot pins shall be installed after construction and prior to final acceptance. Concrete monuments shall be placed as shown on the final plat and iron pins shall be placed at block corners, curve points and angle points in public right-of-way. Concrete monuments shall be six inches (6") in diameter and twenty-four inches (24") long. An iron rod one-half inch (1-1/2") in diameter embedded at least three inches (3") in the monument at the exact intersection point of the monument. The monuments shall be set at such an elevation that after construction, the top of the monument will be not less than twelve inches (12") below the ground surface.
- F. The Contractor shall stamp a two inch (2") "S" and a two inch (2") "W" in the curb at the location of the sewer service and water service lines, respectively.
- G. At intersections that have valley drainage, the crown of the intersecting streets will culminate in a distance of 40 feet (40') from the intersecting curb line unless otherwise note.
- H. Temporary or permanent street barricades shall remain at all points of ingress and egress to prevent public use until such street received final acceptance.
- I. Contractor shall obtain a right-of-way permit by the Town of Addison for working within the public right-of-way.
- J. During construction, the Owner shall provide a qualified geotechnical lab to perform materials testing during the construction at the request of the Town of Addison.
- K. The Contractor shall submit material sheets to the Town of Addison for approval prior to incorporating materials into the job.
- L. The utility contractor shall submit to the Town of Addison for approval a trench safety plan sealed by a Registered Professional Engineer for the installation of utilities greater than five feet (5') in depth.
- M. All existing and proposed improvements (valves, manholes, fire hydrants, water meters, etc.) shall be adjusted to finished grade by the Contractor.



NOTE:
 This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.

△ GMP PACKAGE REV. 1
 SEPT. 30, 98
 △ P.C. NO. 6
 DEC. 18, 98

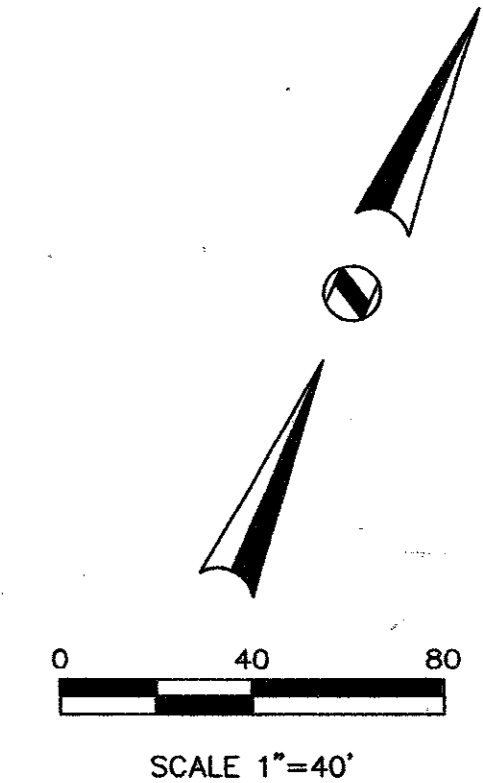
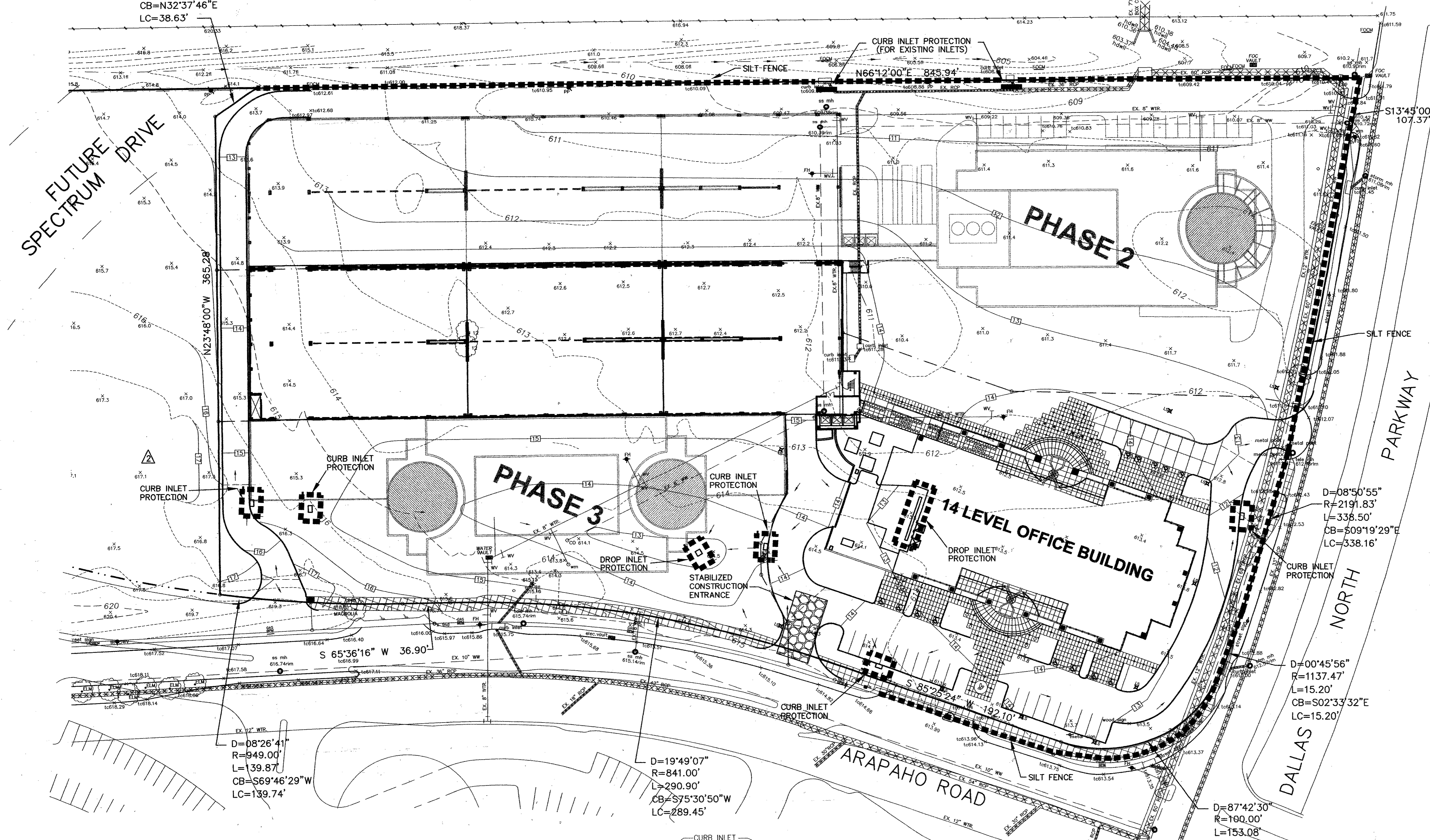
MILLENNIUM PHASE I "As-Built" 12/99

B18-1

D=03'28'50"
R=636.00'
L=38.64'
CB=N32°37'46"E
LC=38.63'

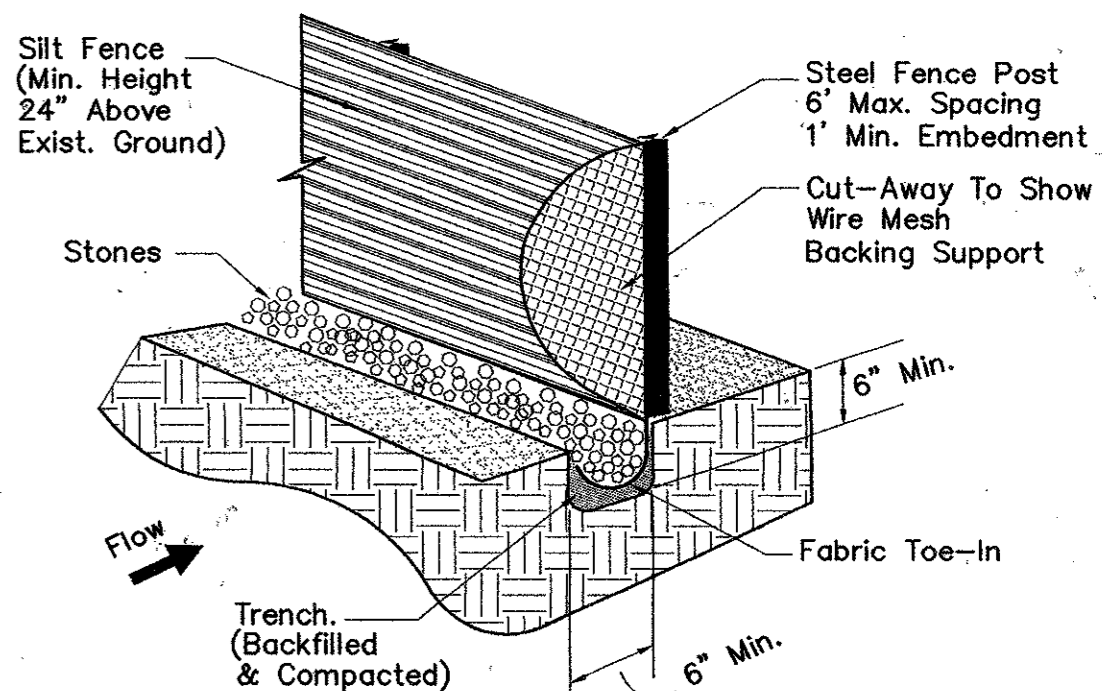
DART RAIL

FUTURE SPECTRUM DRIVE



CONSTRUCTION NOTES - SILT FENCE

1. Steel posts which support the silt fence shall be installed on a slight angle toward the anticipated runoff source. The post must be embedded a minimum of one foot.
2. The toe of the silt fence shall be trenched in with a spade or mechanical trencher, so that the downslope face of the trench is flat and perpendicular to the line of flow. Where fence cannot be trenched in (e.g. pavement), weight fabric flap with washed gravel on the uphill side to prevent flow under fence.
3. The trench must be a minimum of 6-inches deep and 6 inches wide to allow for the silt fence fabric to be laid in the ground and backfilled with compacted material.
4. Silt fence shall be securely fastened to each steel support post or to woven wire, which is in turn attached to the steel support post. There shall be a 6 inch double overlap, securely fastened where ends of fabric meet.
5. Inspection shall be made weekly or after each rainfall. Repair or replacement shall be made promptly as needed.
6. Silt fence shall be removed when the site is completely stabilized so as not to block or impede storm flow or drainage.
7. Accumulated silt shall be removed when it reached a depth of 6 inches. The silt shall be disposed of at an approved site and in such a manner as to not contribute to additional siltation.

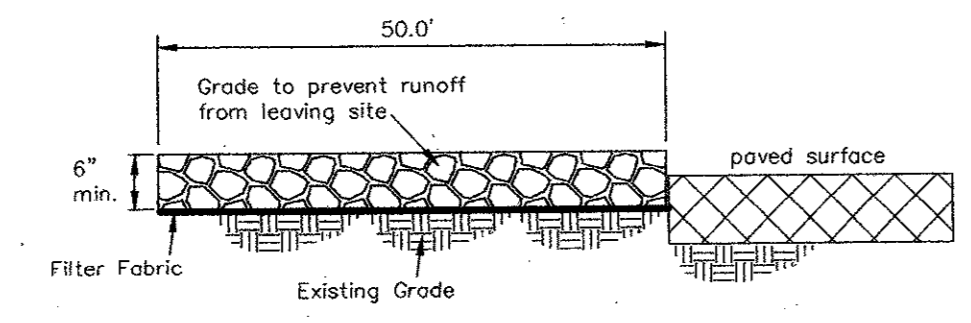


SILT FENCE DETAIL

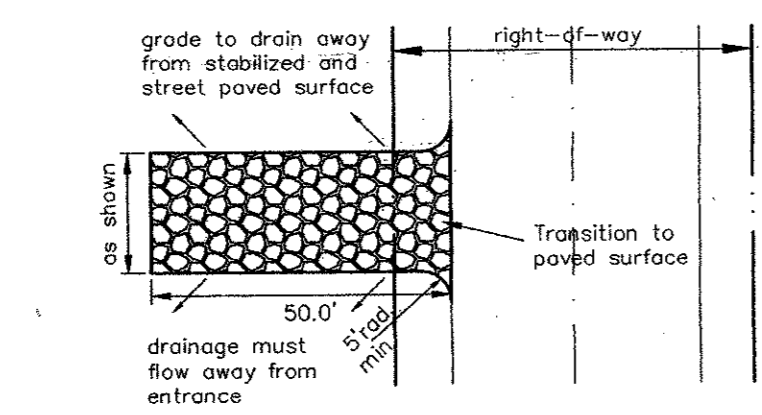
LEGEND

- 535 — Existing Contour
- 35 — Proposed Contour
- — Flow Arrow
- Existing Curb
- Proposed Curb
- Sawcut
- Existing Storm Sewer Line
- Proposed Storm Sewer Line
- Silt Fence

- Notes:
1. Stone shall be 3 to 5 inch diameter crushed rock or acceptable crushed Portland Cement Concrete.
 2. When necessary, vehicles shall be cleaned to remove sediment prior to entrance onto a public roadway. When washing is required, it shall be done on a area stabilized with crushed stone with drainage flowing away from both the street and the stabilized entrance. All sediment shall be prevented from entering any storm drain, ditch or watercourse using approved methods.
 3. The entrance shall maintained in a condition which will prevent tracking or flowing of sediment onto paved surfaces. This may require periodic top dressing with additional stone a conditions demand. All sediment spilled, dropped, washed or tracked onto paved surfaces, must be removed immediately.
 4. The entrance must be properly graded or incorporate a drainage swale to prevent runoff from leaving the construction site.

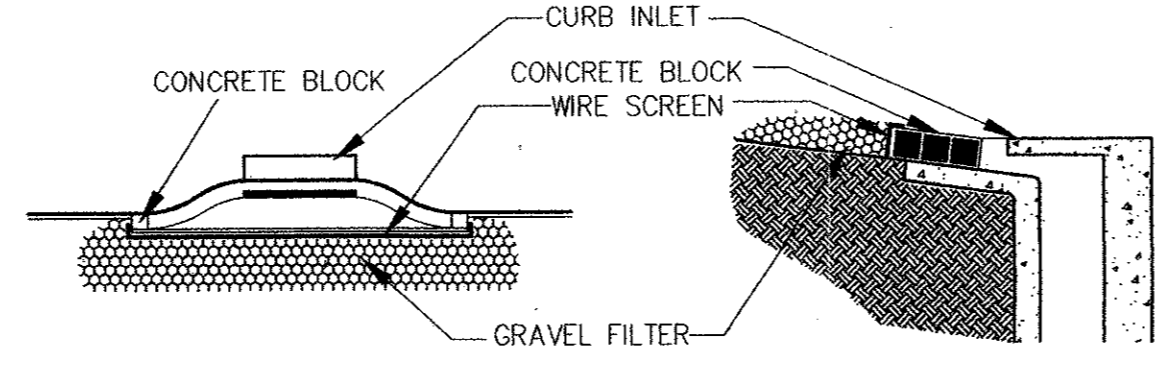


Profile View

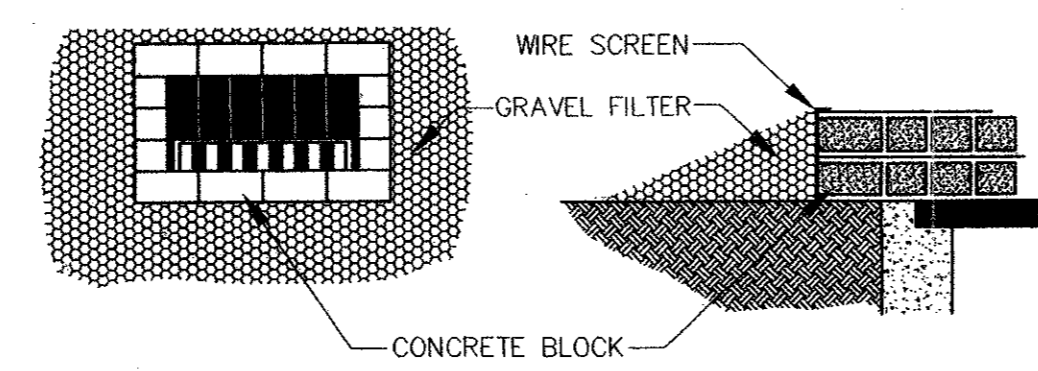


Plan View

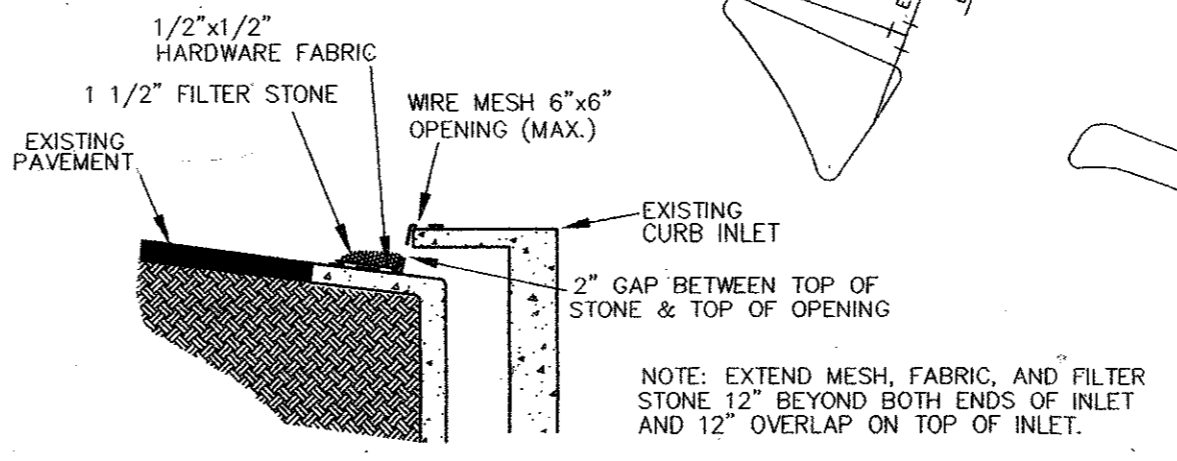
Stabilized Construction Entrance



CURB INLET PROTECTION (FOR PROPOSED INLETS)



DROP INLET PROTECTION



CURB INLET PROTECTION (FOR EXISTING INLETS)

BLOCK AND GRAVEL PROTECTION
Concrete blocks are to be placed on their sides in a single row around the perimeter of the inlet, with ends abutting. Opening in the blocks should face outward, not upward. Wire mesh shall then be placed over the outside face of the blocks covering the holes. Filter stone shall then be piled against the wire mesh to the top of the blocks with the base of the stone being a minimum of 18 inches from the blocks. Periodically, when the stone filter becomes clogged, the stone must be removed and cleaned in a proper manner or replaced with new stone and piled back against the wire mesh.

STATE OF TEXAS
JAMES A. RILEY
73231
REGISTERED PROFESSIONAL ENGINEER
12-8-99
AS-BUILT

NOTE:
This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.

GMP PACKAGE REV. 1
SEPT. 30, 98
P.C. NO. 6
DEC. 18, 98

EROSION CONTROL PLAN
MILLENNIUM PHASE I
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

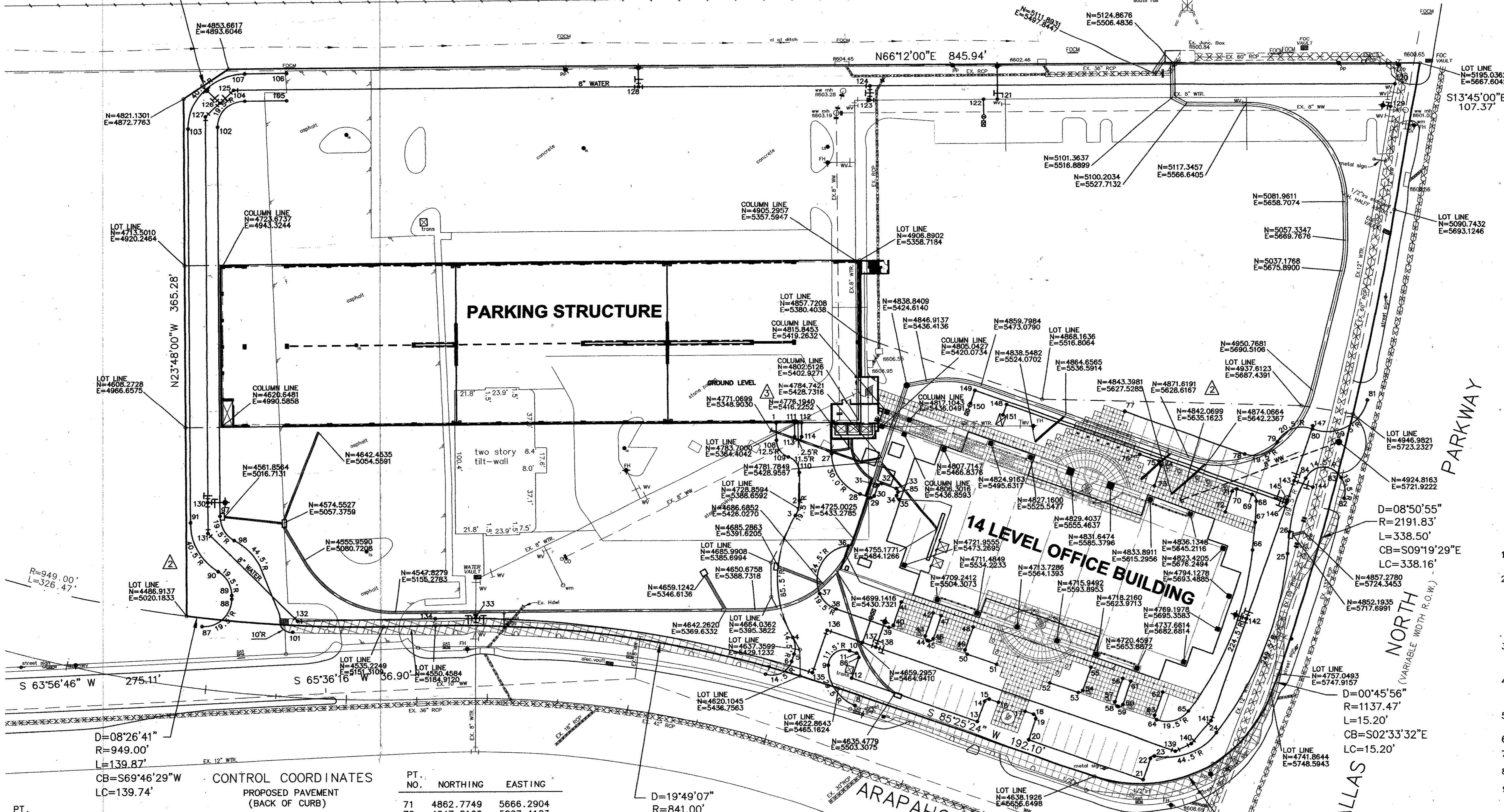
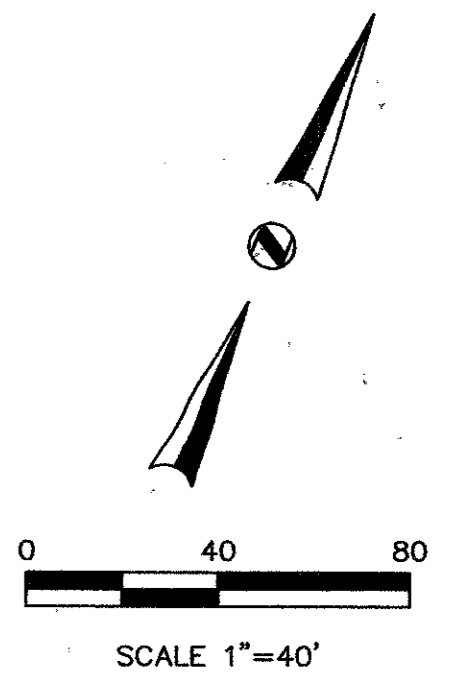
BROCKETTE · DAVIS · DRAKE, inc.
consulting engineers
Civil & Structural Engineering · Surveying
4144 North Central Expressway, Suite 1100 Dallas, Texas 75204
(214) 824-3647, fax (214) 824-7064

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C10

EPG-MIL-DWG

D=03'28'50"
R=636.00'
L=38.64'
CB=N32°37'46"E
LC=38.63'

DART (100' R.O.W.) RAIL



GENERAL NOTES

- All materials and construction shall conform to the Town of Addison's standards and specifications.
- It will be the responsibility of the contractor to protect all public utilities in the construction of this project. All manholes, clean-outs, valve boxes, fire hydrants, etc. must be adjusted to proper line and grade by the Contractor prior to and after the placing of permanent paving. Utilities must be maintained to proper line and grade during construction of this project.
- The Contractor will be responsible for coordinating with all the appropriate utility companies for the location of all utilities within the construction area.
- The Paving Contractor shall coordinate with the Utility Contractor to insure all sleeving for irrigation has been installed prior to placement of permanent pavement.
- All paving and earthwork operations shall conform to the recommendations in the Geotechnical Investigation Report.
- All dimensions are to back of curb unless otherwise noted.
- All curb return radii are 2.5' unless otherwise noted.
- All construction debris shall be legally disposed of offsite.
- All Building and Parking Structure control coordinates are to the centerline of columns.

D=08'26'41"
R=949.00'
L=139.87'
CB=S69°46'29"W
LC=139.74'

CONTROL COORDINATES

PT. NO.	NORTHING	EASTING	PT. NO.	NORTHING	EASTING
1	4777.4474	5350.2275	36	4718.8490	5431.3751
2	4734.1573	5386.9290	37	4679.8884	5426.0026
3	4723.4953	5388.3704	38	4674.3595	5441.1296
4	4643.2778	5420.9504	39	4677.3227	5480.6391
5	4632.8550	5426.5874	40	4680.0027	5482.9452
6	4627.1827	5427.0129	41	4697.4537	5481.6363
7	4611.6355	5413.5911	42	4699.2487	5505.5691
8	4616.4731	5480.6595	43	4681.7977	5506.8779
9	4635.1753	5451.9977	44	4679.4917	5509.5579
10	4650.8428	5461.8433	45	4679.5664	5510.5551
11	4651.2334	5467.0502	46	4682.2464	5512.8611
12	4633.4708	5470.8894	47	4699.6974	5511.5523
13	4640.5384	5565.1247	48	4701.4924	5535.4851
14	4655.9950	5563.9655	49	4684.0414	5536.7939
15	4658.6750	5566.2715	50	4681.7354	5539.4739
16	4659.1983	5573.2499	51	4683.3802	5561.4055
17	4660.6950	5593.2058	52	4686.3745	5601.3290
18	4661.1797	5599.6680	53	4687.9799	5622.7339
19	4658.3737	5602.3480	54	4690.8598	5625.0399
20	4643.4171	5603.5072	55	4708.1108	5623.7311
21	4649.8490	5689.2663	56	4709.9058	5647.6639
22	4665.8002	5688.0700	57	4692.4548	5648.9727
23	4668.4323	5690.0422	58	4690.1488	5651.6527
24	4701.0697	5723.9192	59	4690.2236	5652.6499
25	4838.2888	5719.5847	60	4692.9035	5654.9559
26	4853.3029	5714.7703	61	4710.3545	5653.6471
27	4773.2251	5394.8897	62	4712.1495	5677.5799
28	4755.3763	5424.5836	63	4694.7107	5678.8878
29	4755.9814	5432.5836	64	4692.3994	5681.4730
30	4758.1253	5434.4263	65	4707.1091	5699.6595
31	4766.1360	5433.8165	66	4830.6552	5695.7786
32	4768.2820	5435.6590	67	4849.3217	5689.7935
33	4769.1169	5446.6273	68	4863.3676	5684.6960
34	4764.6732	5448.9713	69	4866.3198	5680.1294
35	4762.9586	5451.6842	70	4865.4549	5688.5964

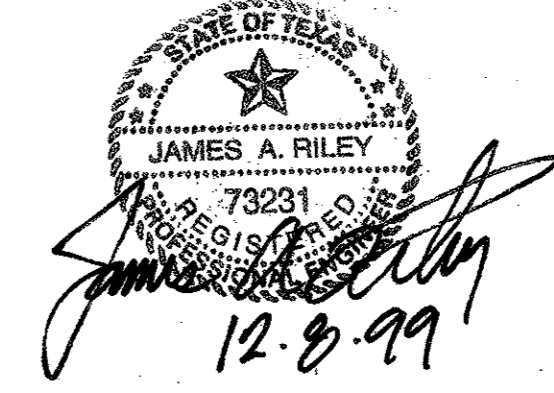
D=19'49'07"
R=841.00'
L=290.90'
CB=S75°30'50"W
LC=289.45'

CONTROL COORDINATES
PROPOSED WATERLINE

PT. NO.	NORTHING	EASTING	PT. NO.	NORTHING	EASTING
71	4862.7749	5666.2904	120	5173.8546	5657.3451
72	4847.8169	5667.4123	121	5050.3701	5403.1137
73	4843.8156	5614.0621	122	5046.3856	5394.1520
74	4858.7736	5612.9402	123	5013.5869	5320.3821
75	4861.0796	5610.2603	124	5023.3373	5316.0745
76	4859.9971	5595.8258	125	4841.0726	4902.8242
77	4883.4305	5574.0023	126	4828.4747	4897.9299
78	4890.1817	5664.0183	127	4814.5499	4892.5223
79	4907.4637	5681.9395	128	4956.9745	5165.6087
80	4925.6807	5701.2292	129	5156.8429	5661.5005
81	4960.2756	5728.7155	130	4566.3837	5001.9861
82	4890.2152	5741.1207	131	4546.9372	5010.5536
83	4902.6849	5733.2407	132	4514.5860	5093.8596
84	4892.1053	5710.3754	133	4566.8046	5208.9732
85	4767.2744	5448.7733	134	4554.9629	5182.8884
86	4648.9273	5469.7301	135	4625.8548	5443.7877
87	4484.4855	5033.0217			
88	4510.8022	5044.5686			
89	4513.1991	5043.5127			
90	4524.6766	5028.1663			
91	4548.4992	4996.2997			
92	4561.2028	5013.6486			
93	4549.6528	5029.7162			
94	4523.2782	5066.3909			
100	4516.4752	5069.3880			
101	4505.9524	5093.7335			
102	4811.0153	4903.4681			
103	4801.8259	4884.6575			
104	4836.7282	4913.4407			
105	4848.7036	4940.5972			
106	4867.0028	4932.5264			
107	4855.0254	4905.3699			
108	4766.1926	5355.1915			
109	4758.7788	5367.6483			
110	4751.9417	5379.1157			
111	4782.6935	5362.1220			
112	4784.7112	5366.6968			
113	4773.5439	5366.1574			
114	4775.5616	5370.7322			

AS-BUILT

NOTE:
This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.



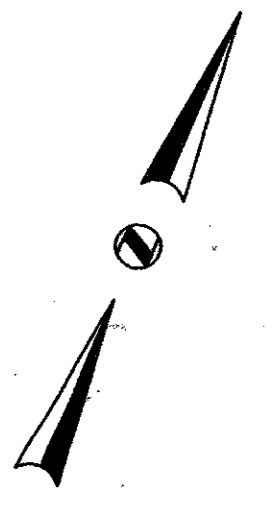
HORIZONTAL CONTROL PLAN
MILLENNIUM PHASE I
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

BROCKETTE · DAVIS · DRAKE, inc.
consulting engineers
Civil & Structural Engineering · Surveying
4144 North Central Expressway, Suite 1100 Dallas, Texas 75204
(214)824-3647, fax (214) 824-7064

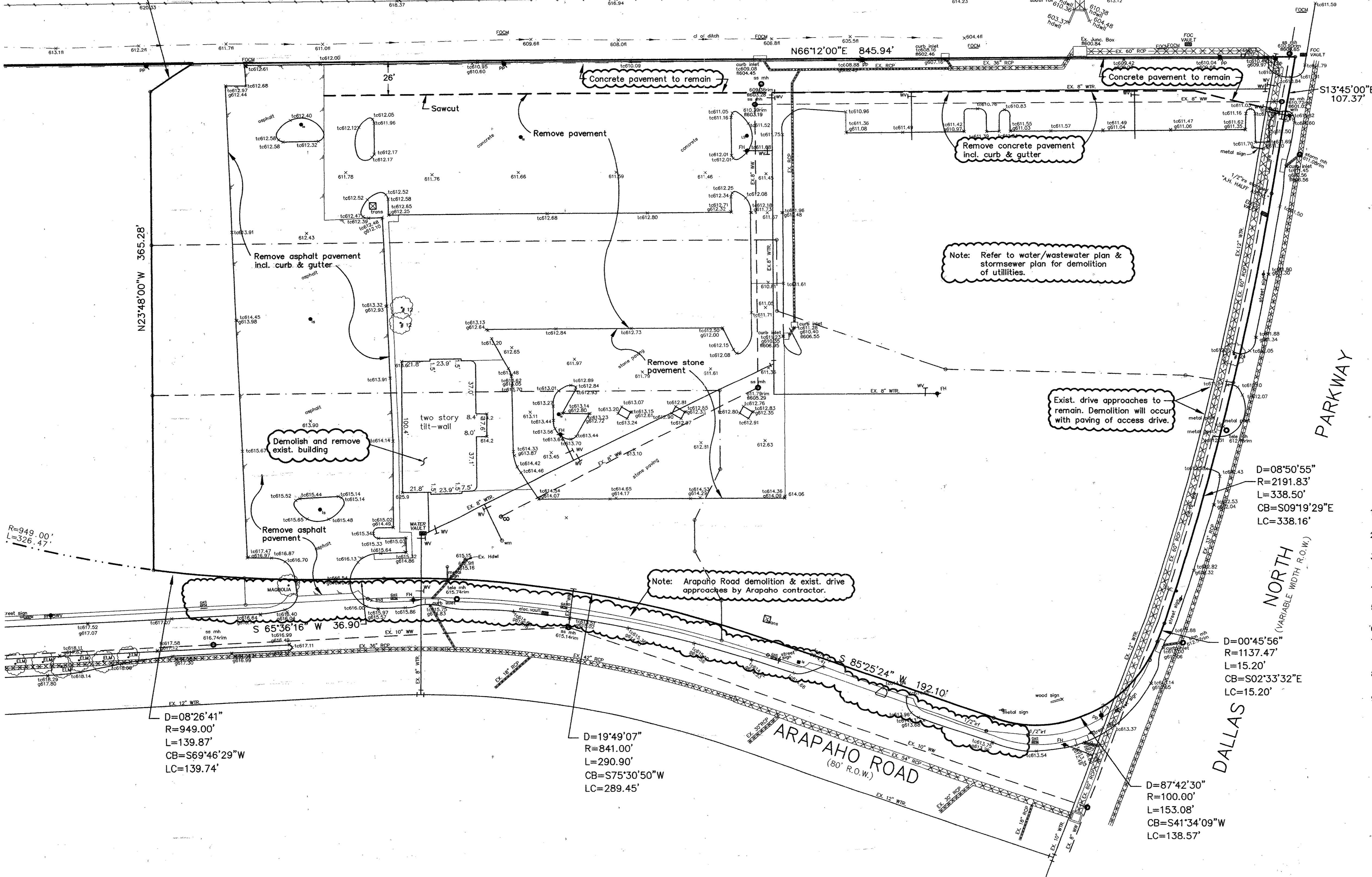
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C11

D=03'28'50"
R=636.00'
L=38.64'
CB=N32'37'46"E
LC=38.63'

DART (100' R.O.W.) RAIL



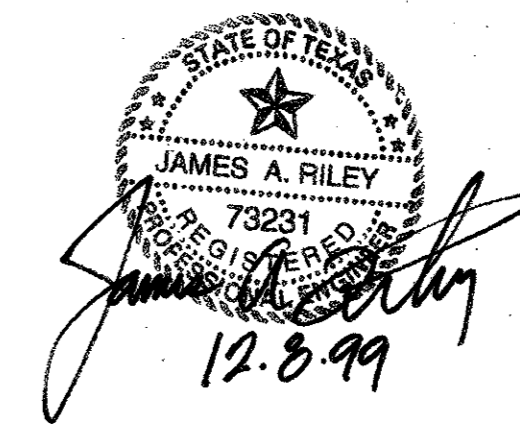
0 40 80
SCALE 1"=40'



GENERAL NOTES

1. Notify affected utility companies before starting work and comply with their requirements.
2. Owner assumes no responsibility for actual condition of areas to be demolished.
3. Perform work in manner to eliminate hazards to persons or property and avoid interference with adjacent areas, utilities and structures.
4. Provide and maintain temporary barricades, fences, warning signs, guardrails, warning lights.
5. Protect existing structures, landscaping materials, and appurtenances which are not being demolished.
6. Contractor to be responsible for all required permits.
7. Cease demolition operations immediately if adjacent structures appear to be in danger. Conduct safety operations as necessary. Do not resume demolition operations until directed.
8. Return surfaces to existing conditions prior to commencement of selective demolition work. (provide positive drainage)
9. All materials removed shall be disposed of offsite in a legal manner.

△ GMP PACKAGE REV. 1
SEPT. 30, 98
△ P.C. NO. 6
DEC. 18, 98



DEMOLITION PLAN						
MILLENNIUM PHASE I						
TOWN OF ADDISON						
DALLAS COUNTY, TEXAS						
BROCKETTE • DAVIS • DRAKE, inc. consulting engineers Civil & Structural Engineering-Surveying 4144 North Central Expressway, Suite 1100 Dallas, Texas 75204 (214)824-3647, fax (214) 824-7064						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C3

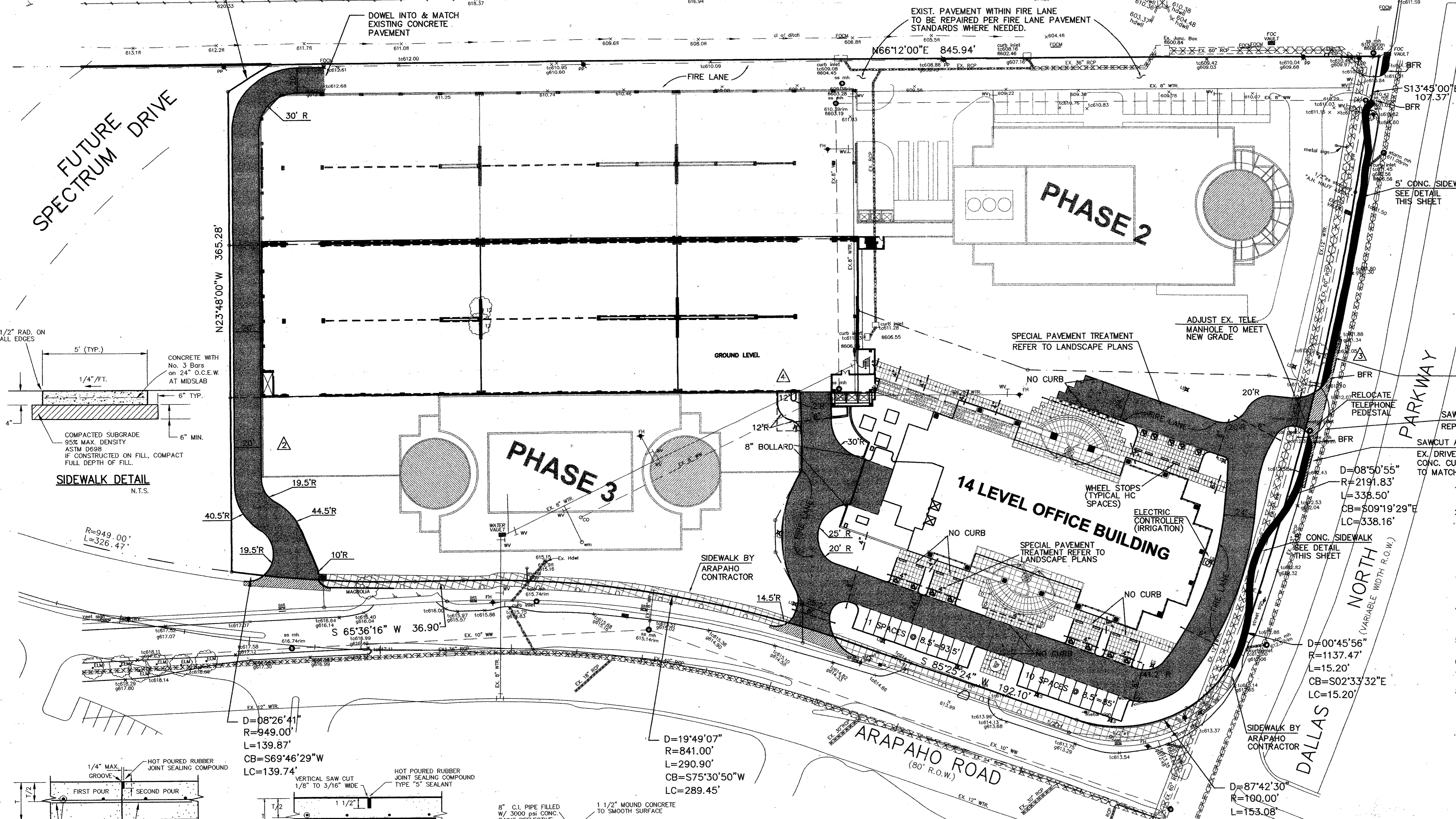
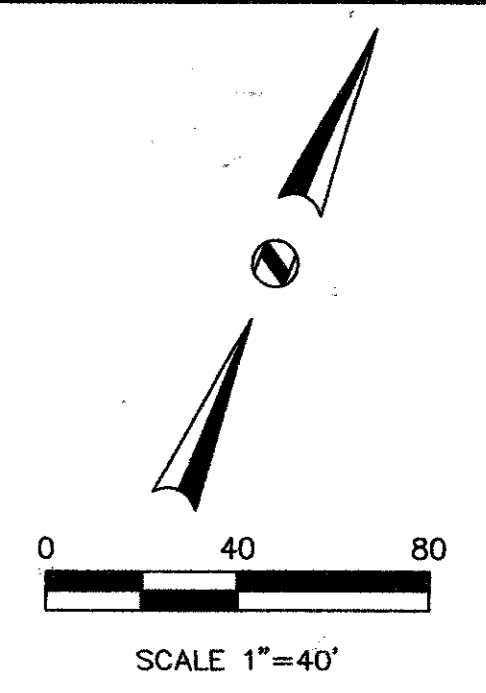
AS-BUILT

NOTE:
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BENCHMARK:
TOP OF CURB INLET AT THE NORTHWEST INTERSECTION OF ARAPAHO ROAD AND DALLAS NORTH PARKWAY.
ELEVATION 613.33

D=03'28'50"
R=636.00'
L=38.64'
CB=N32°37'46"E
LC=38.63'

DART (100' R.O.W.) RAIL

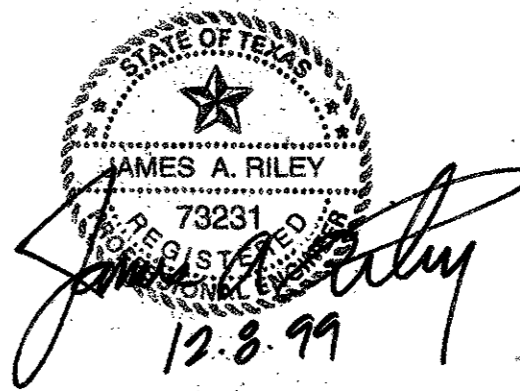


- LEGEND**
- Existing Curb
 - Proposed Curb
 - Prop. Irrigation Sleeve
 - Prop. Light Standard
 - Proposed 5" Pavement
5" 3500 psi
Concrete Reinforced w/ #3 Bars
@ 18" O.C.E.W.
(Parking Areas)
 - Proposed 6" Pavement
6" 3500 psi
Concrete Reinforced w/ #3 Bars
@ 18" O.C.E.W.
(Fire Lane & Drive Approaches)
 - Proposed 8" Pavement
8" 3600 psi
Concrete Reinforced w/ #3 Bars
@ 18" O.C.E.W.
(R.O.W. Approaches)
 - Proposed 4" Pavement
4" 3000 psi
Concrete Reinforced w/ #3 Bars
@ 24" O.C.E.W.
(City Sidewalk)

- GENERAL NOTES**
1. All materials and construction shall conform to the Town of Addison's standards and specifications.
 2. It will be the responsibility of the contractor to protect all public utilities in the construction of this project. All manholes, clean-outs, valve boxes, fire hydrants, etc. must be adjusted to proper line and grade by the Contractor prior to and after the placing of permanent paving. Utilities must be maintained to proper line and grade during construction of this project.
 3. The Contractor will be responsible for coordinating with all the appropriate utility companies for the location of all utilities within the construction area.
 4. The Paving Contractor shall coordinate with the Utility Contractor to insure all sleeving for irrigation has been installed prior to placement of permanent pavement.
 5. All paving and earthwork operations shall conform to the recommendations in the Geotechnical Investigation Report.
 6. All dimensions are to back of curb unless otherwise noted.
 7. All curb return radii are 1.5' unless otherwise noted.
 8. All construction debris shall be legally disposed of offsite.

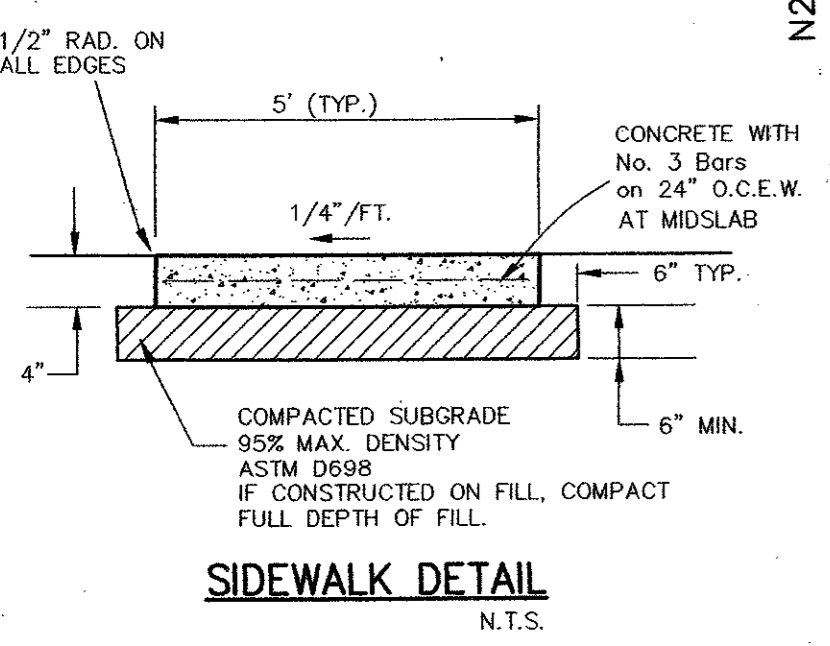
- SLEEVING NOTES**
1. Contractor shall lay all sleeves and conduits at 2'-0" below the finish grade of the top of pavement.
 2. Contractor shall cap both ends of all sleeves below grade with caps left unglued. Mark the sleeve location with a section of 2" dia. pvc pipe extended to 2'-0" above the finished grade at end only.
 3. Extend all sleeves to 2'-0" beyond the edges of all pavement.
 4. Contractor shall provide sleeves to all isolated planting areas.
 5. Contractor shall provide 115 volt AC with a 15 amp circuit for electric controller locations.

- △ GMP PACKAGE REV. 1 SEPT. 30, 98
- △ ADDED SIDEWALK FEB. 17, 99
- △ P.C. NO. 6 DEC. 18, 98
- △ REVISED DRIVEWAY MAR. 25, 99

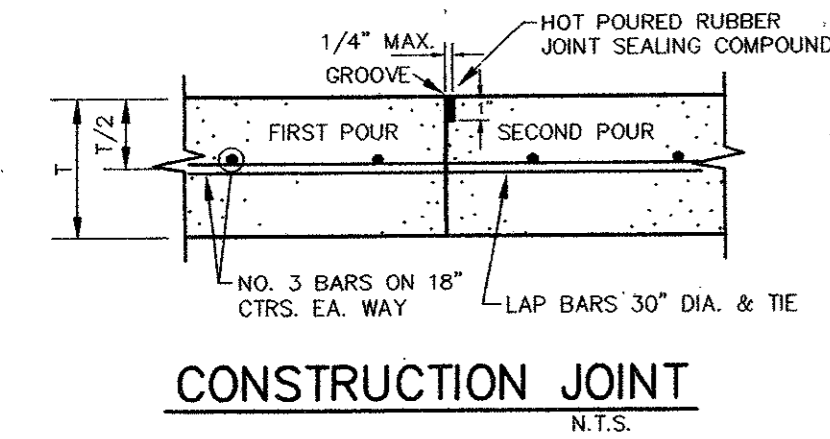


AS-BUILT

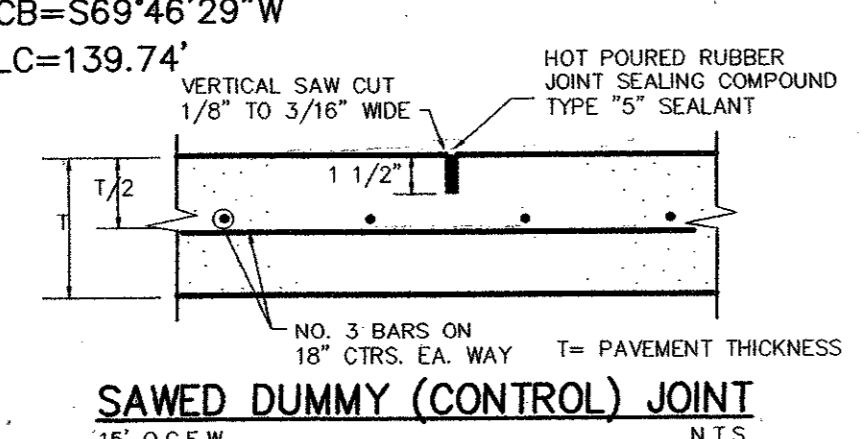
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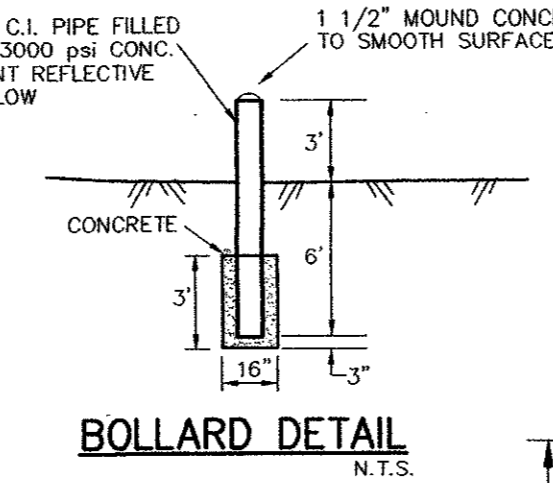
SIDEWALK DETAIL
N.T.S.



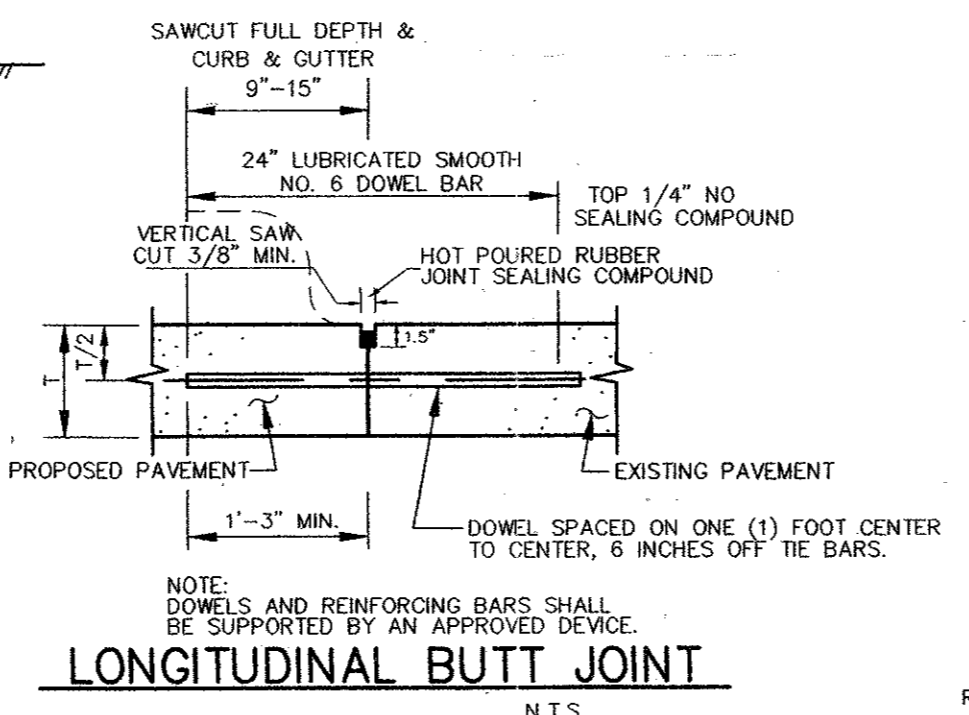
CONSTRUCTION JOINT
N.T.S.



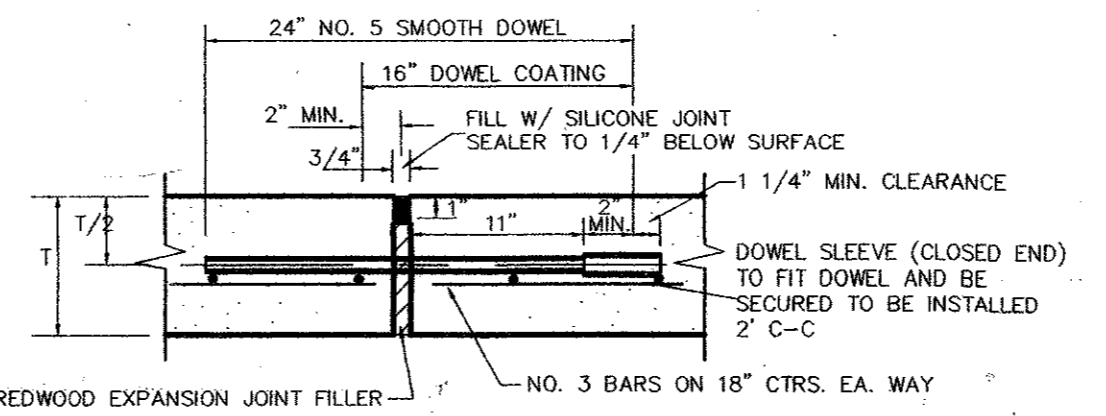
SAWED DUMMY (CONTROL) JOINT
N.T.S.



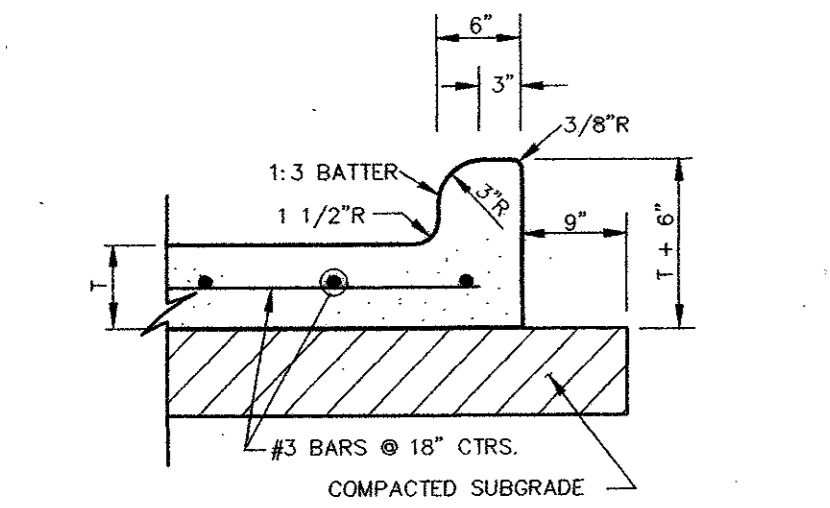
BOLLARD DETAIL
N.T.S.



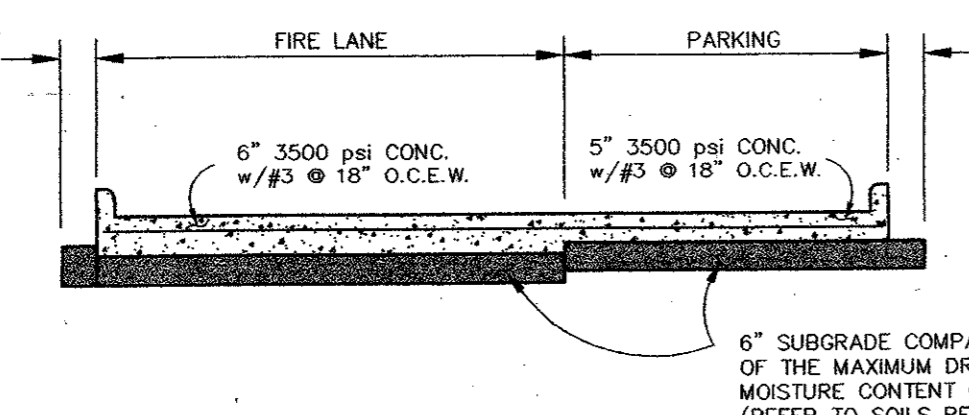
LONGITUDINAL BUTT JOINT
N.T.S.



EXPANSION JOINT
N.T.S.



TYPICAL PAVEMENT SECTION
N.T.S.



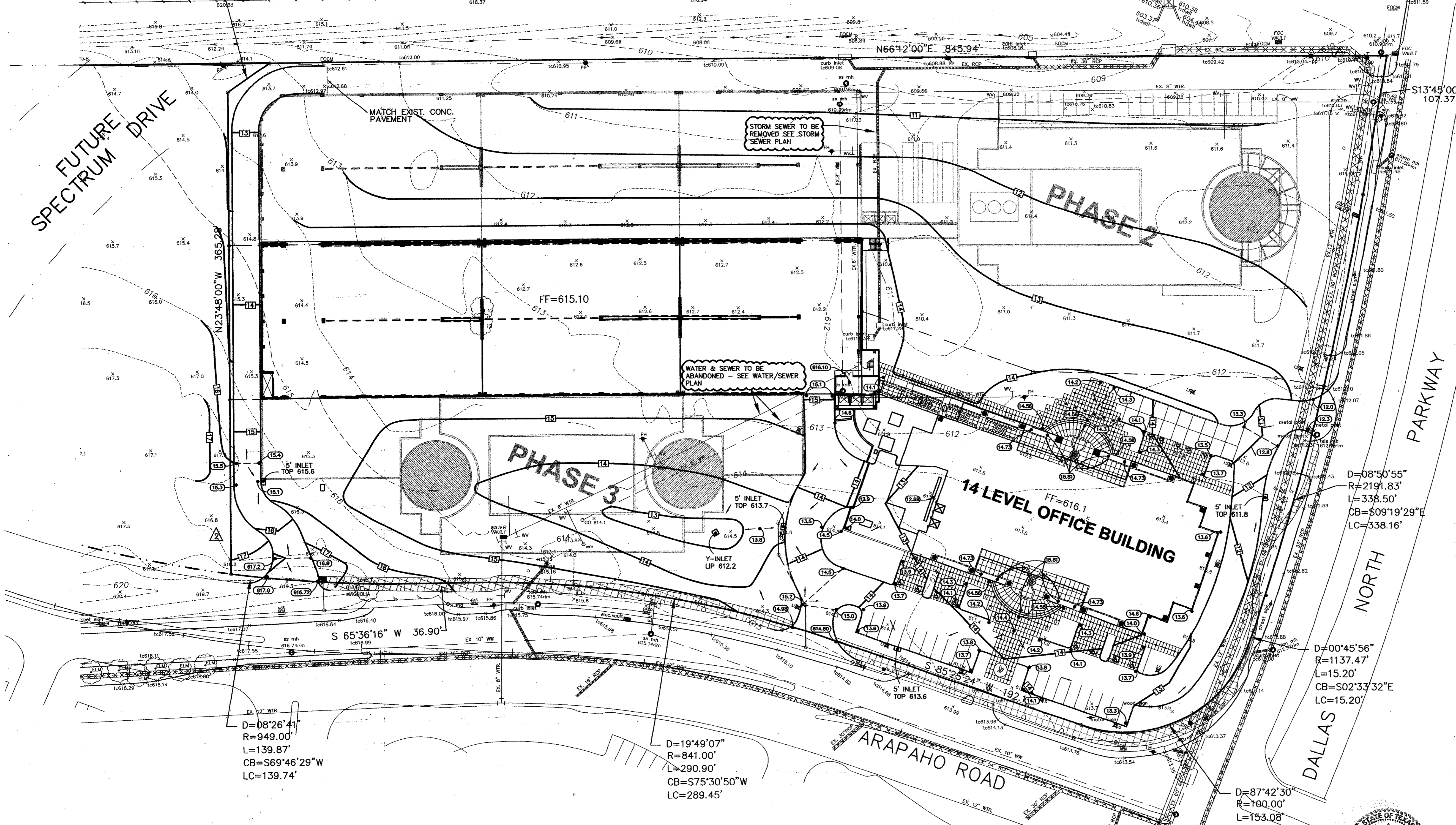
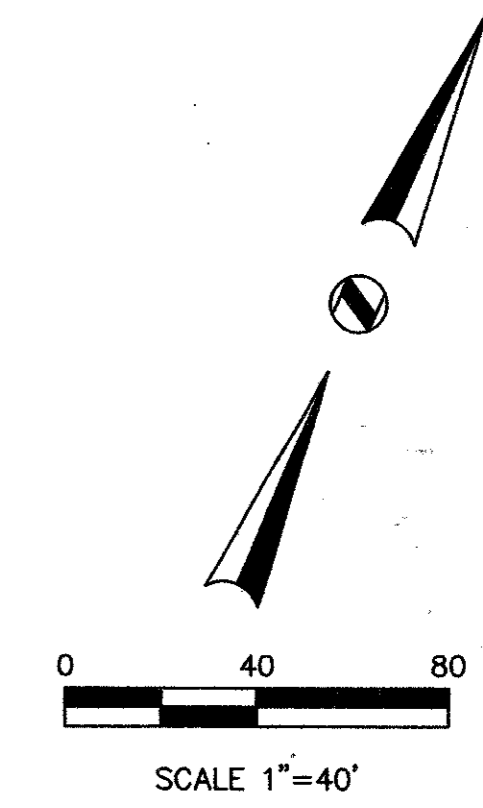
TYPICAL PAVING SECTION
N.T.S.

- NOTE:
1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5 INCH AND 6 INCH PAVEMENT THICKNESS.
2. LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTOR'S OPTION.
3. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.
4. DRILLED BY HAND IS NOT ACCEPTABLE, PUSHING DOWEL BARS INTO GREEN CONCRETE NOT ACCEPTABLE.

PAVING PLAN						
MILLENNIUM PHASE I						
TOWN OF ADDISON						
DALLAS COUNTY, TEXAS						
BROCKETTE • DAVIS • DRAKE, inc.						
consulting engineers						
Civil & Structural Engineering/Surveying						
4144 North Central Expressway, Suite 1100 Dallas, Texas 75204						
(214)824-3647, fax (214) 824-7064						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C4

D=03'28'50"
R=636.00'
L=38.64'
CB=N32°37'46"E
LC=38.63'

DART RAIL



GENERAL NOTES

1. All materials and construction shall conform to the Town of Addison's Standards and Specifications except as noted herein or by the City.
2. All storm sewer pipe 18" and larger shall be Class III RCP.
3. Contractor shall be responsible for maintaining trench safety requirements in accordance with City Standards, Texas State Law, and O.S.H.A. Standards for all excavation in excess of five feet in depth.
4. Concrete for inlets and drainage structures shall be 3000 psi at 28 days.
5. Construction shall begin at downstream end of project and continue upstream with pipe grooves facing upstream.
6. Contractor shall protect all public utilities in the construction of this project.
7. The location of all utilities indicated on these plans are taken from existing public records. The exact location and elevation of all public utilities must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
8. If rock is encountered in the trench, rock spoil shall not be used in the upper 1.5 feet of the trench. The upper 1.5 feet of the trench is to be backfilled only with quality topsoil.
9. See Water and Sanitary Sewer Plan for additional information related to other utility construction.
10. All trench backfill for storm sewer shall be compacted as required by City.
11. It will be the responsibility of the contractor to protect all public utilities in the construction of this project. All manholes, clean-outs, valve boxes, fire hydrants, etc. must be adjusted to proper line and grade by the contractor prior to and after the placing of permanent paving. Utilities must be maintained to proper line and grade during construction of the paving for this development.
12. Backfill for utility lines should be carefully placed so that they will be stable. Where utility lines cross through the parking lot, the top 6" should be compacted similarly to the remainder of the lot. Utility ditches should be visually inspected during the excavation process to insure that undesirable fill is not used.
13. Prior to placing any fill material, all existing surfaces, vegetation, loose fill, and debris should be removed to a minimum depth of 6". All exposed surfaces should then be scarified, watered as required, and recompact to a minimum density of 95% of the maximum dry density as defined by ASTM D 898 (Standard Proctor Test) at a moisture content between -1 and +3 percent above optimum moisture content.
14. Drainage should be maintained away from the foundations, both during and after construction.
15. Areas of construction shall be properly barricaded for the protection of the public.

D=08'26'41"
R=949.00'
L=139.87'
CB=S69°46'29"W
LC=139.74'

D=19°49'07"
R=841.00'
L=290.90'
CB=S75°30'50"W
LC=289.45'

D=08°50'55"
R=2191.83'
L=338.50'
CB=S09°19'29"E
LC=338.16'

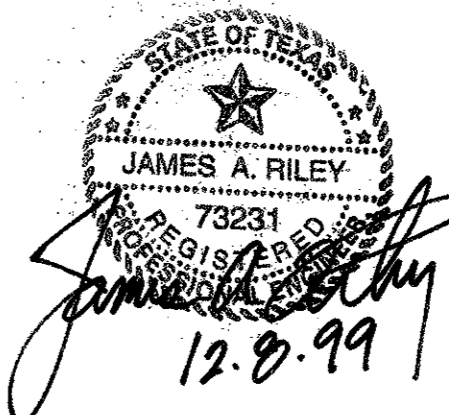
D=00°45'56"
R=1137.47'
L=15.20'
CB=S02°33'32"E
LC=15.20'

D=87°42'30"
R=190.00'
L=153.08'
CB=S41°34'09"W
LC=138.57'

LEGEND

- - - 535 - Existing Contour
- - - 35 - Proposed Contour
- 629.30 - Existing Spot Elevation
- 629.30 - Proposed Spot Elevation
- - Flow Arrow
- - - - Existing Curb
- - - - Proposed Curb
- - - - Sawcut
- ==== Existing Storm Sewer Line

Note: Reference Landscape Plans for Landscape Berms.



AS-BUILT

NOTE: This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.

BENCHMARK:
TOP OF CURB INLET AT THE NORTHWEST INTERSECTION OF ARAPAHO ROAD AND DALLAS NORTH PARKWAY.
ELEVATION 613.33

GRADING PLAN

MILLENNIUM PHASE I
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

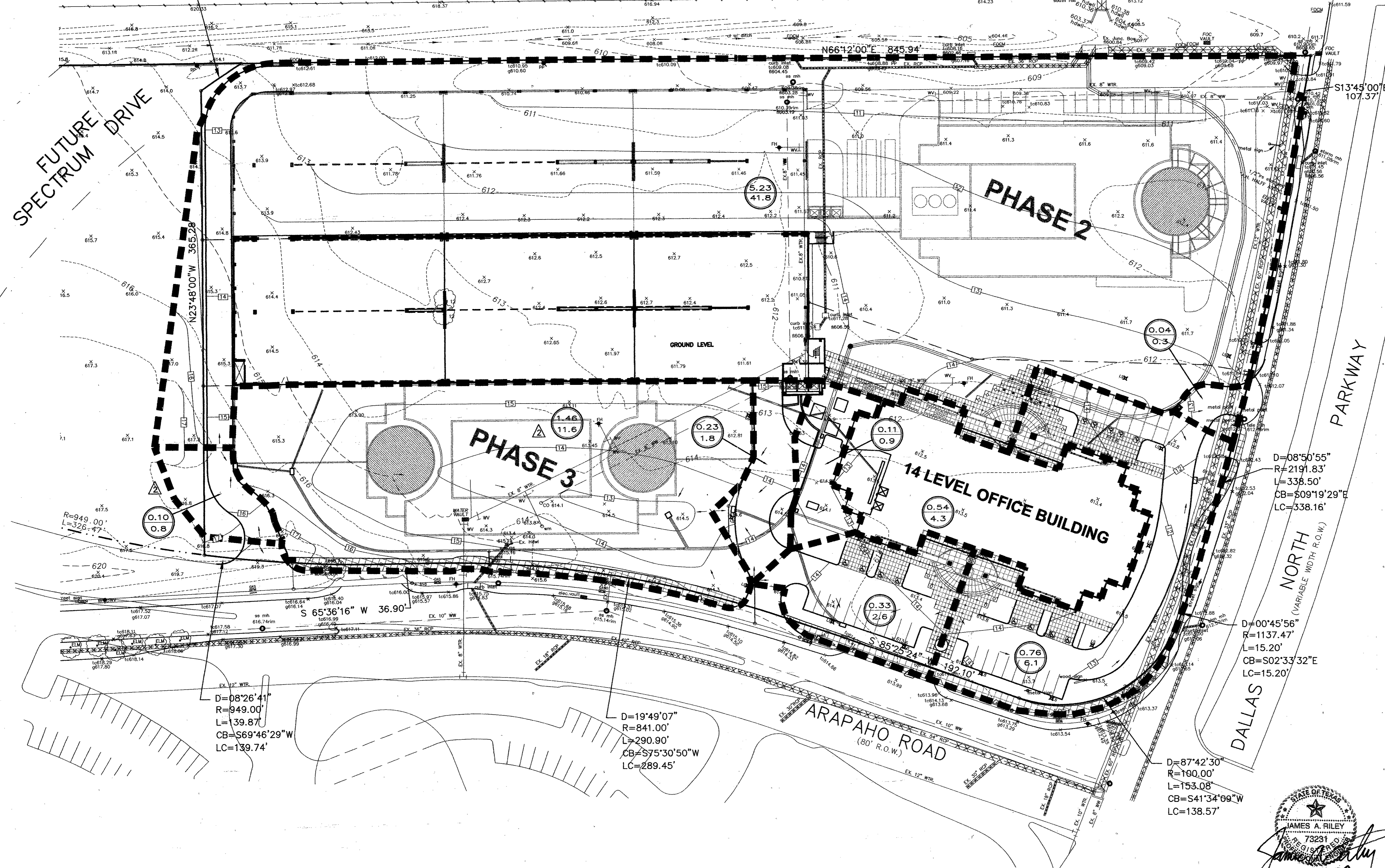
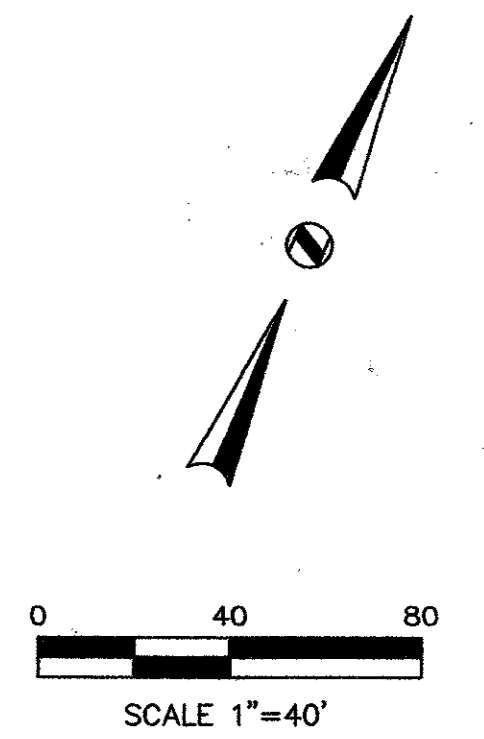
BROCKETTE • DAVIS • DRAKE , inc.
consulting engineers
Civil & Structural Engineering/Surveying
4144 North Central Expressway, Suite 1100 Dallas, Texas 75204
(214)824-3647, fax (214) 824-7064

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C5

GRADING

D=03'28'50"
R=636.00'
L=38.64'
CB=N32°37'46"E
LC=38.63'

DART (100' R.O.W.) RAIL



DRAINAGE CRITERIA

Q = C I A
C = 0.90
I₁₀₀ = 8.88 in/hr
tc = 10 min.

1.60 → Acres
8.8 → Q₁₀₀ in cfs

LEGEND

- 550 --- Existing Contour
- [50] Proposed Contour
- Flow Arrow
- Existing Curb
- - - Proposed Curb
- Drainage Divide Line

D=08°26'41"
R=949.00'
L=139.87'
CB=S69°46'29"W
LC=139.74'

D=19°49'07"
R=841.00'
L=290.90'
CB=S75°30'50"W
LC=289.45'

D=08°50'55"
R=2191.83'
L=338.50'
CB=S09°19'29"E
LC=338.16'

D=00°45'56"
R=1137.47'
L=15.20'
CB=S02°33'32"E
LC=15.20'

D=87°42'30"
R=190.00'
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CB=S41°34'09"W
LC=138.57'

STATE OF TEXAS
73231
JAMES A. RILEY
12.8.99

△ GMP PACKAGE REV. 1
SEPT. 30, 98
△ P.C. NO. 6
DEC. 18, 98

AS-BUILT

NOTE:
This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.

BENCHMARK:
TOP OF CURB INLET AT THE NORTHWEST INTERSECTION OF ARAPAHO ROAD AND DALLAS NORTH PARKWAY.
ELEVATION 613.33

DRAINAGE AREA MAP
MILLENNIUM PHASE I
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

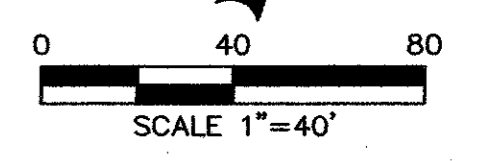
□ BROCKETTE · DAVIS · DRAKE, inc.
□ consulting engineers
Civil & Structural Engineering · Surveying
4144 North Central Expressway, Suite 1100 Dallas, Texas 75204
(214)824-3647, fax (214) 824-7064

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C6

DWA2-MILLING

D=03'28'50"
R=636.00'
L=38.64'
CB=N32'37'46"E
LC=38.63'

DART RAIL



LEGEND

- Existing Curb
- Proposed Curb
- Existing Water Line
- Existing Sanitary Sewer
- Existing Storm Sewer Line
- Proposed Storm Sewer Line

General Notes

1. All materials and construction shall conform to the Town of Addison's Standards and Specifications except as noted herein or by the City.
2. All storm sewer pipe 15" and larger shall be Class III RCP.
3. Contractor shall be responsible for maintaining trench safety requirements in accordance with City Standards, Texas State Law, and O.S.H.A. Standards for all excavation in excess of five feet in depth.
4. Concrete for inlets and drainage structures shall be 3000 psi at 28 days.
5. Construction shall begin at downstream end of project and continue upstream with pipe grooves facing upstream.
6. Contractor shall protect all public utilities in the construction of this project.
7. The location of all utilities indicated on these plans are taken from existing public records. The exact location and elevation of all public utilities must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
8. If rock is encountered in the trench, rock spoil shall not be used in the upper 1.5 feet of the trench. The upper 1.5 feet of the trench is to be backfilled only with quality topsoil.
9. See Water and Sanitary Sewer Plan for additional information related to other utility construction.
10. All trench backfill for storm sewer shall be compacted as required by City.
11. It will be the responsibility of the contractor to protect all public utilities in the construction of this project. All manholes, clean-outs, valve boxes, fire hydrants, etc. must be adjusted to proper line and grade by the contractor prior to and after the placing of permanent paving. Utilities must be maintained to proper line and grade during construction of the paving for this development.
12. Backfill for utility lines should be carefully placed so that they will be stable. Where utility lines cross through the parking lot, the top 6" should be compacted similarly to the remainder of the lot. Utility ditches should be visually inspected during the excavation process to insure that undesirable fill is not used.
13. Prior to placing any fill material, all existing surfaces, vegetation, loose fill, and debris should be removed to a minimum depth of 6". All exposed surfaces should then be scarified, watered as required, and recompacted to a minimum density of 95% of the maximum dry density as defined by ASTM D 698 (Standard Proctor Test) at a moisture content between -1 and +3 percent above optimum moisture content.
14. Drainage should be maintained away from the foundations, both during and after construction.
15. Areas of construction shall be properly barricaded for the protection of the public.
16. At all inlets an 8" diameter restrictor plate shall be bolted to the 18" lateral as it exits the inlet.

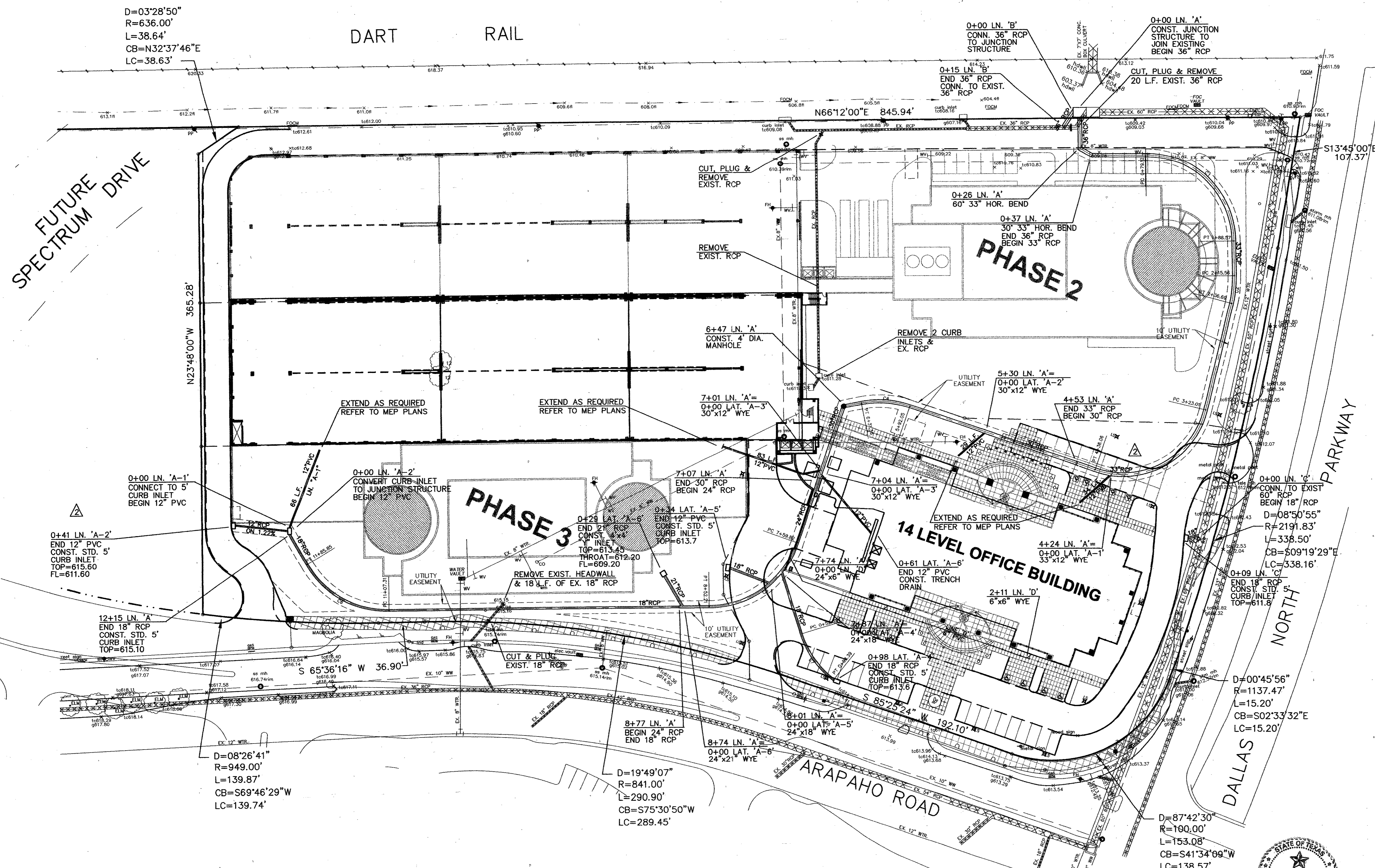
FUTURE SPECTRUM DRIVE

N23°48'00"W 365.28'

NORTH PARKWAY

DALLAS

ARAPAHO ROAD



D=08'26'41"
R=949.00'
L=139.87'
CB=S69°46'29"W
LC=139.74'

D=19'49'07"
R=841.00'
L=290.90'
CB=S75°30'50"W
LC=289.45'

D=00°45'56"
R=1137.47'
L=15.20'
CB=S02°33'32"E
LC=15.20'

D=87°42'30"
R=190.00'
L=153.08'
CB=S41°34'09"W
LC=138.57'

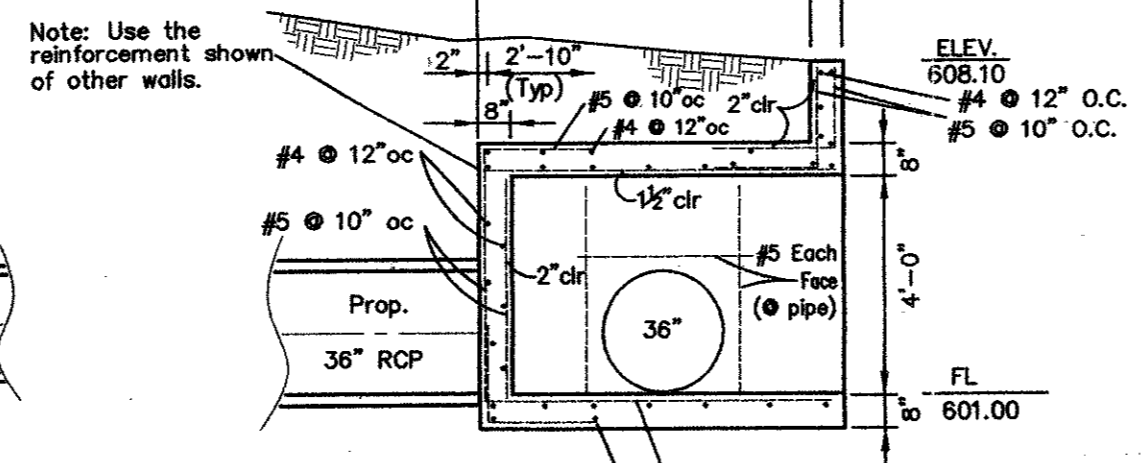
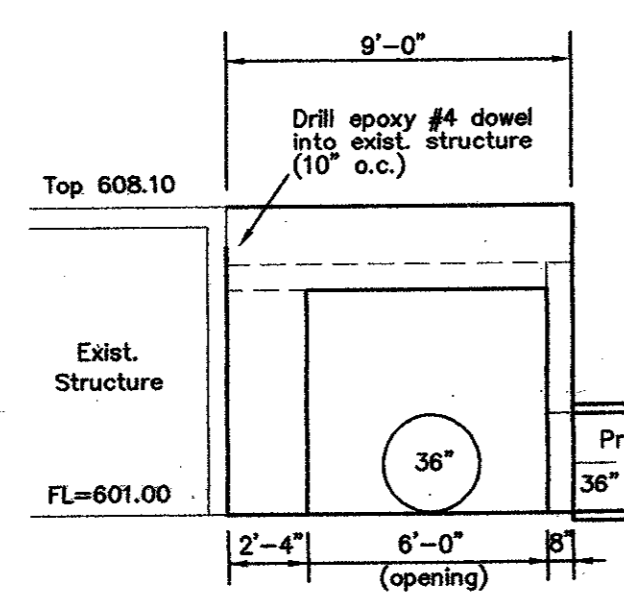
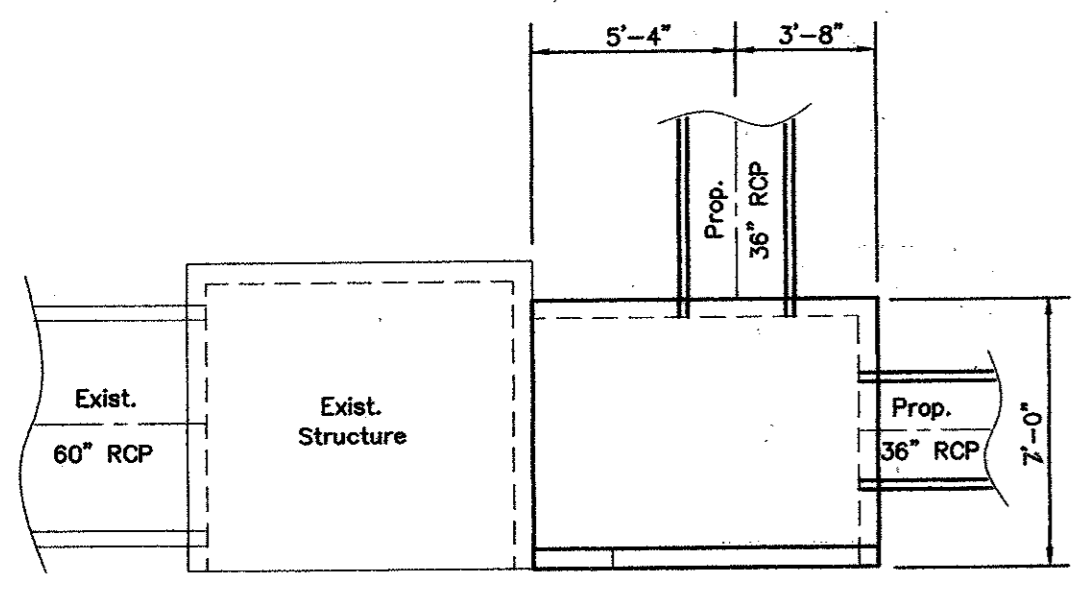
STATE OF TEXAS
JAMES A. RILEY
73231
12-8-99

AS-BUILT

NOTE:
This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.

BENCHMARK:
TOP OF CURB INLET AT THE NORTHWEST INTERSECTION OF ARAPAHO ROAD AND DALLAS NORTH PARKWAY.
ELEVATION 613.33

NUMBER	DELTA=	RAD=	TAN=	LEN=	CH. BEARING=	CL=
C1	89°34'53"	70.00	68.06	107.19	S 88°58'35" E	96.61
C2	14°34'56"	83.00	10.62	21.12	S 18°53'41" E	21.07
C3	95°15'27"	68.00	74.54	113.05	S 38°01'31" W	100.48
C4	30°01'55"	75.00	20.12	39.31	S 70°38'18" W	38.66
C5	70°34'36"	75.00	63.08	92.38	S 30°58'09" W	96.65
C6	58°59'58"	75.00	43.30	78.54	N 83°46'34" E	75.00
C7	35°02'31"	75.00	23.68	45.87	S 58°10'05" E	45.16



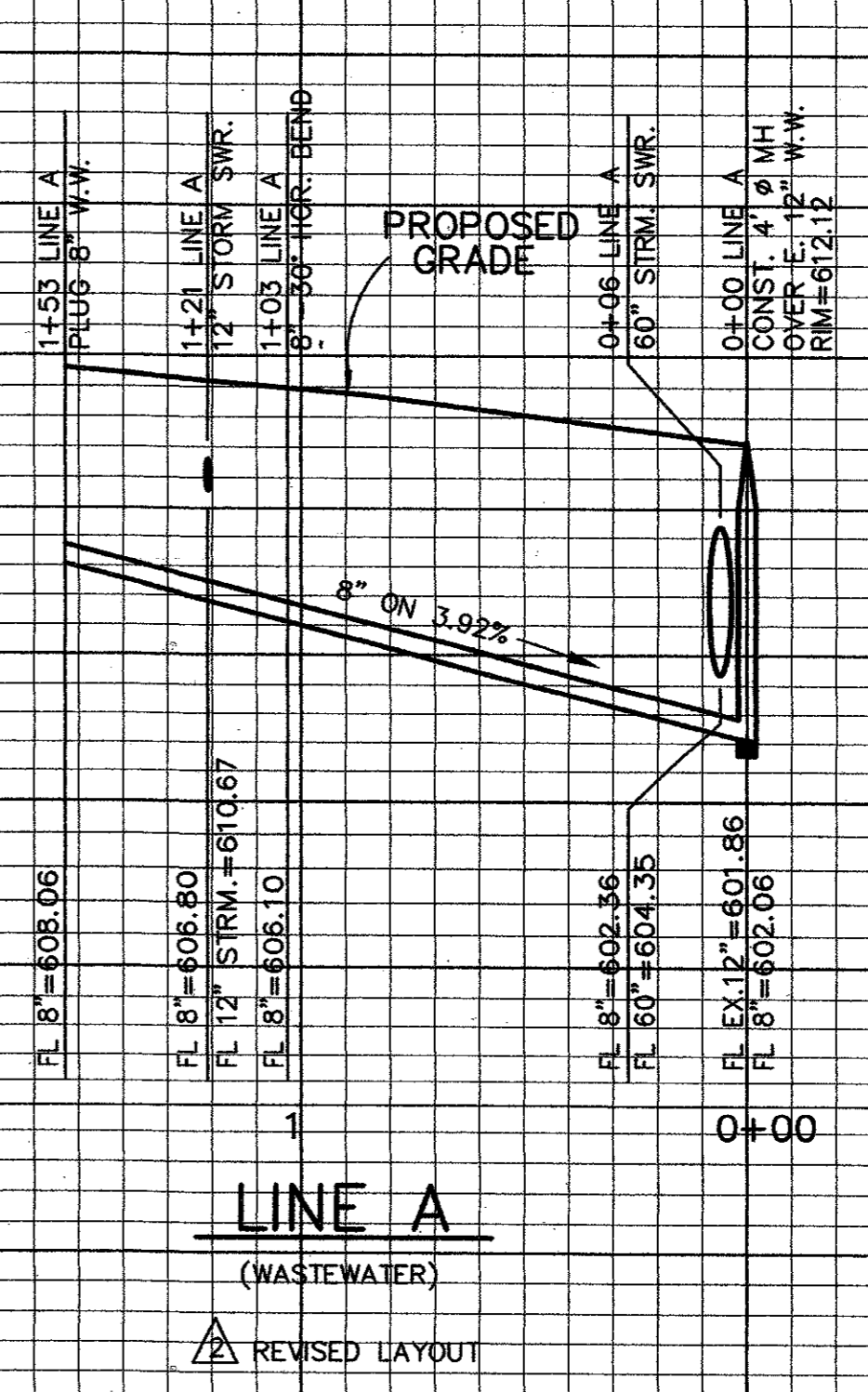
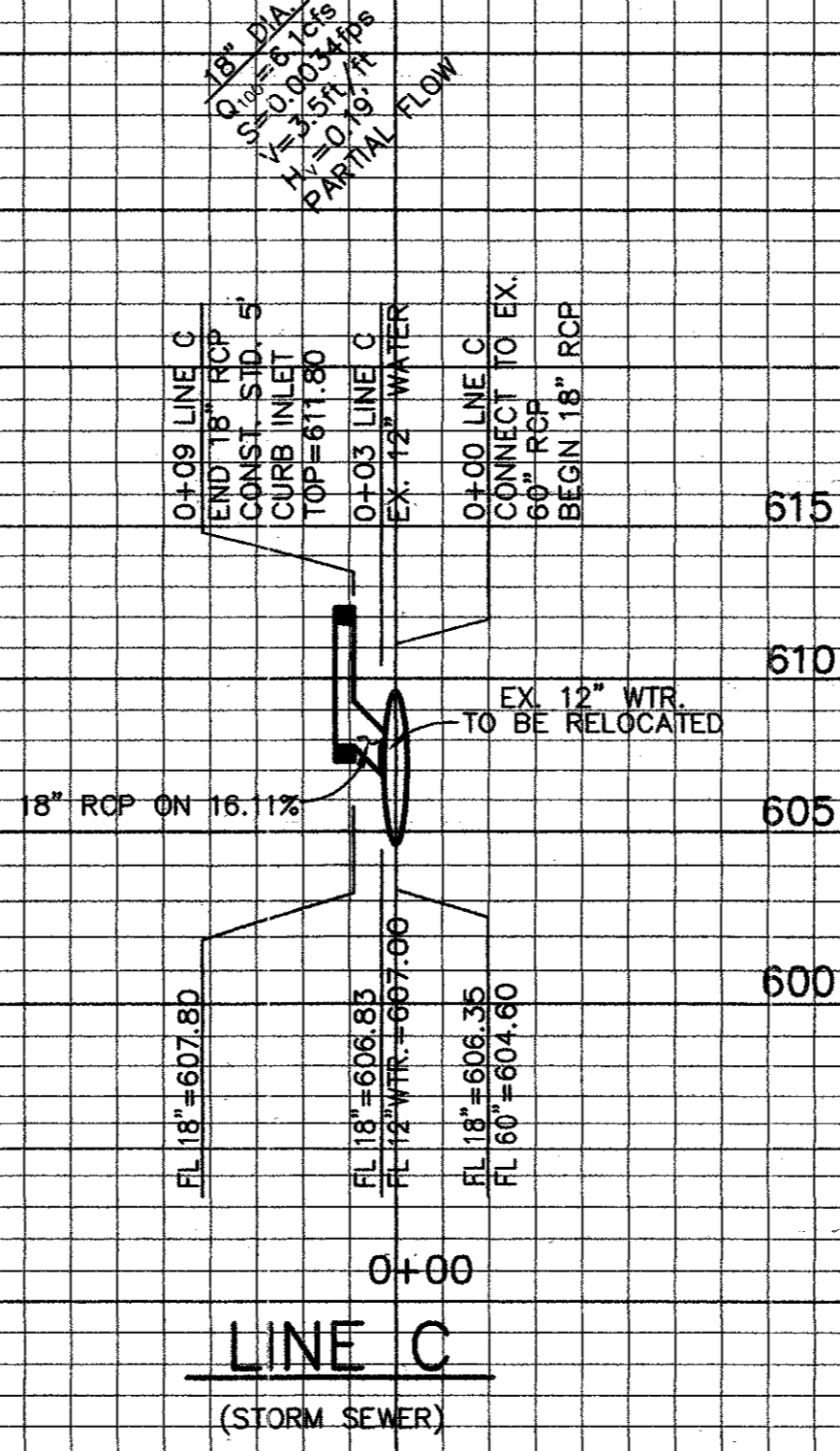
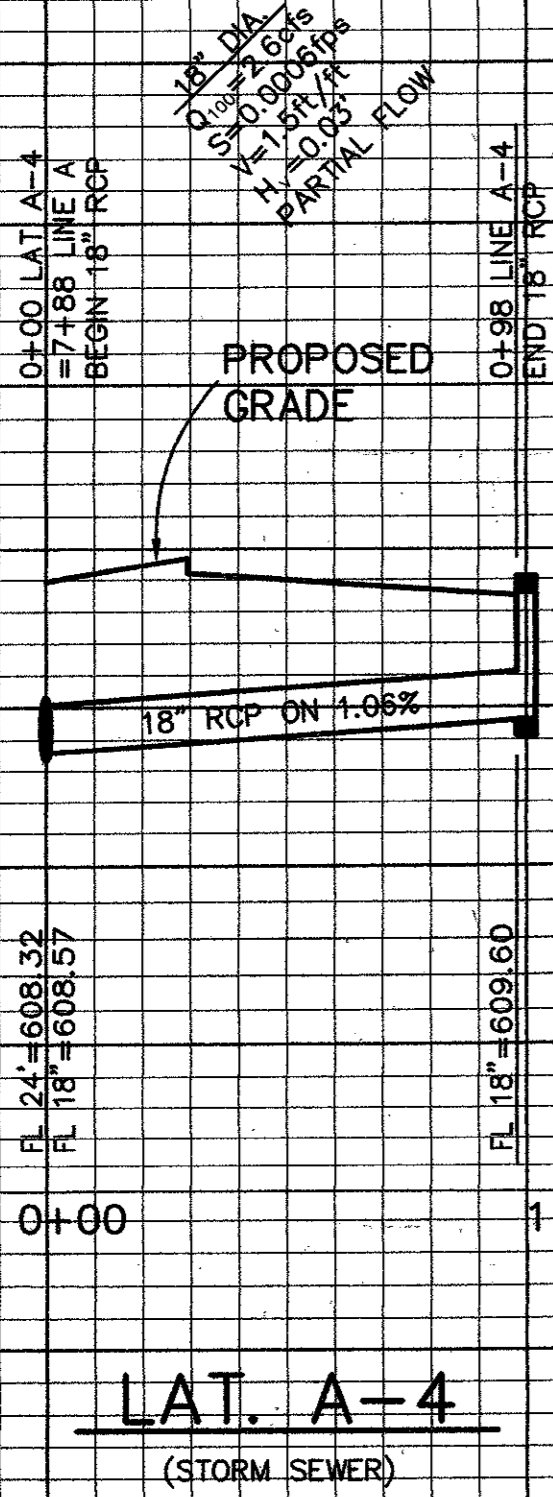
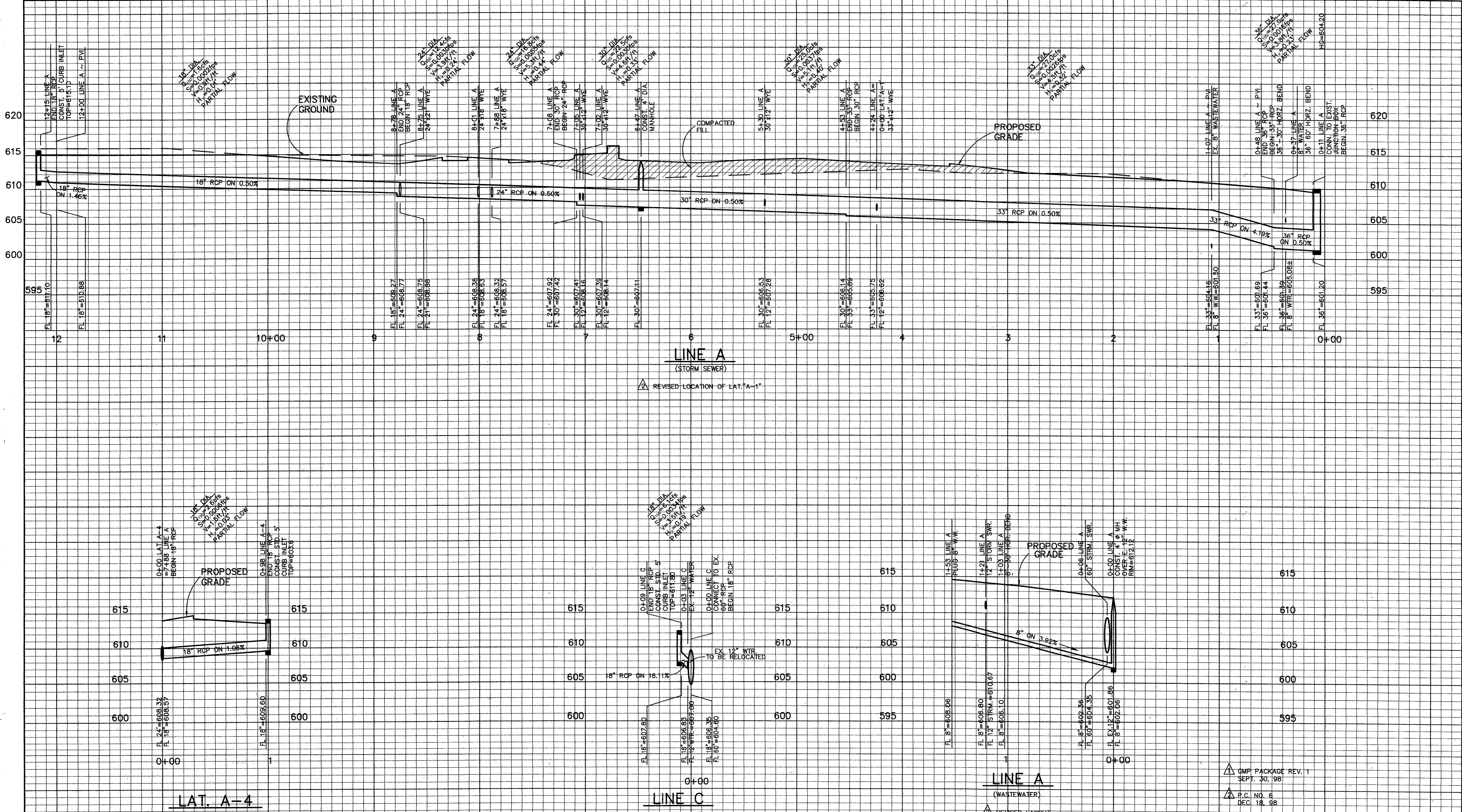
JUNCTION STRUCTURE
nts

STORM SEWER PLAN
MILLENNIUM PHASE I
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

BROCKETTE • DAVIS • DRAKE, inc.
consulting engineers

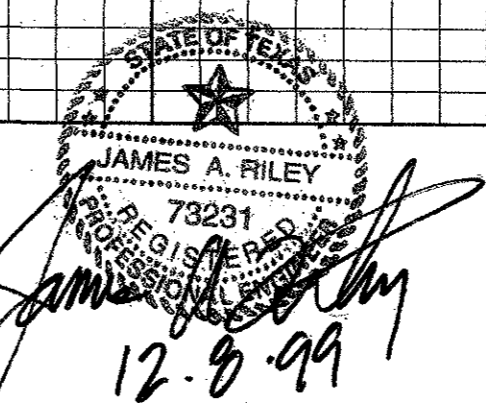
Civil & Structural Engineering/Surveying
4144 North Central Expressway, Suite 1100, Dallas, Texas 75204
(214)824-3647, fax (214) 824-7064

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C7



AS-BUILT

NOTE:
This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.



BENCHMARK:
TOP OF CURB INLET AT THE NORTHWEST INTERSECTION OF ARAPAHO ROAD AND DALLAS NORTH PARKWAY.
ELEVATION 613.33

GMP PACKAGE REV. 1
SEPT. 30, 98

P.C. NO. 6
DEC. 18, 98

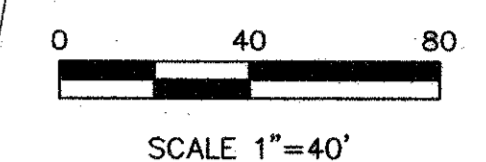
STORM SEWER AND WASTEWATER PROFILES
MILLENNIUM PHASE I
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

BROCKETTE • DAVIS • DRAKE, inc.
consulting engineers
Civil & Structural Engineering-Surveying
4144 North Central Expressway, Suite 1100 Dallas, Texas 75204
(214)824-3647, fax (214) 824-7064

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	11/98	1"=40'	BDD	C98365	C8

D=03'28'50"
R=636.00'
L=38.64'
CB=N32°37'46"E
LC=38.63'

DART (100' R.O.W.) RAIL



LEGEND

- Existing Curb
- Proposed Curb
- Existing Water Line
- Proposed Water Line
- Existing Sanitary Sewer Line
- Proposed Sanitary Sewer Line

GENERAL NOTES

1. All construction shall be in accordance with these plans and Town of Addison's ordinances and specifications.
2. All materials and workmanship shall conform to "Standard Specifications for Public Works", published by the North Texas Council of Governments, except as modified by the Town of Addison.
3. The location of all utilities located on these plans are taken from existing public records. The exact location and elevation of all public utilities shall be determined by the Contractor prior to construction. Contractor shall have a trench safety plan prepared for all excavation in excess of 5 feet deep. It shall be the duty of Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
4. Contractor shall secure all necessary permits and contracts prior to commencing construction.
5. It shall be the responsibility of the Contractor to protect all public utilities and other property in the construction of this project. Property damaged during this construction shall be repaired or replaced at the contractor's expense to the satisfaction of the owner.
6. Concrete blocking shall be provided on water mains at all bends and fire hydrant per City Standards.
7. Pavement affected by construction shall be replaced to match existing. Grassed areas affected shall be re-sodded with like materials.
8. All public water mains shall be PVC-C900 water pipe.
9. The water line shall be constructed with a minimum of 48" of cover.
10. Set nozzle of fire hydrant at a height between 18" and 24" from finished ground elevation.
11. The Certificate of Acceptance (COA) will not be issued until all water appurtenances have been adjusted to their final position.
12. All water meter assemblies shall have Town of Addison approved testable backflow prevention devices. These devices shall be installed, tested, and certified to be working prior to issuance of a certificate of occupancy.
13. Upon installation of meters, the owner or agent shall go to 5350 Belt Line Road to pay the proper deposit and initiate service.
14. All water appurtenances removed from the site shall be delivered to the Town of Addison Service, 16801 Westgrove Drive, Addison, TX. 75001-9010

FUTURE DRIVE SPECTRUM DRIVE

PHASE 2

PHASE 3

14 LEVEL OFFICE BUILDING

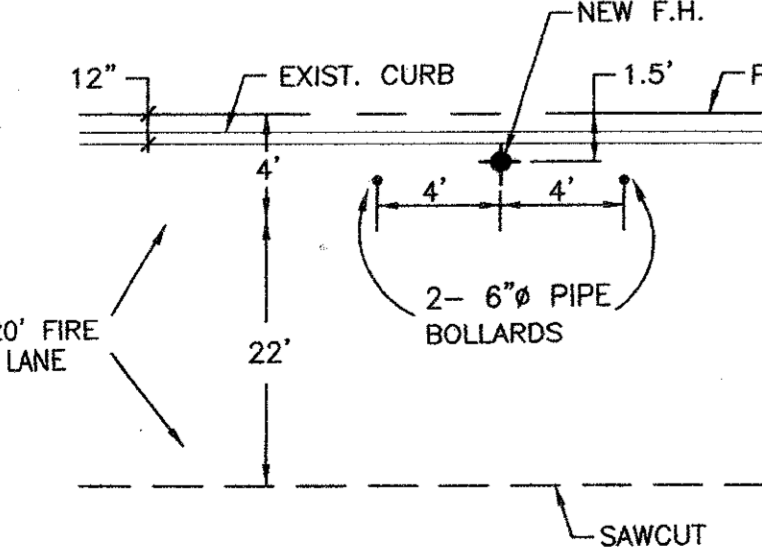
ARAPAHO ROAD (80' R.O.W.)

DALLAS NORTH PARKWAY (VARIABLE WIDTH R.O.W.)

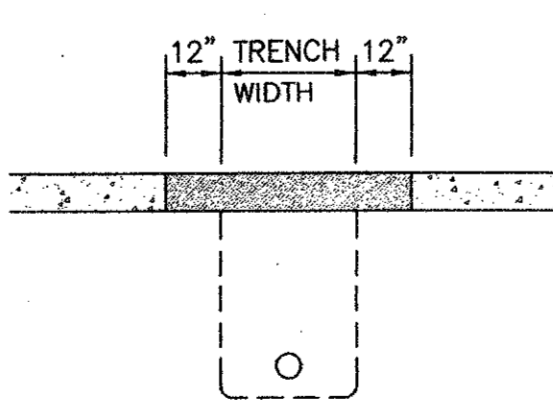
D=08'26'41"
R=949.00'
L=139.87'
CB=S69°46'29"W
LC=139.74'

D=19'49'07"
R=841.00'
L=290.90'
CB=S75°30'50"W
LC=289.45'

D=87'42'30"
R=160.00'
L=153.08'
CB=S41°34'09"W
LC=138.57'



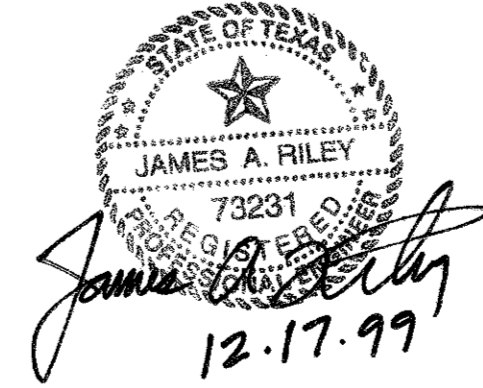
DETAIL NO. 1
N.T.S.



PAVEMENT REPAIR
N.T.S.

AS-BUILT

NOTE:
This project was constructed to the best of my knowledge from information received from the contractor and a site visit in conformity to the Town of Addison, Texas standards and specifications and functions as designed.



BENCHMARK:
TOP OF CURB INLET AT THE NORTHWEST INTERSECTION OF ARAPAHO ROAD AND DALLAS NORTH PARKWAY.
ELEVATION 613.33

- △ GMP PACKAGE REV. 1 SEPT. 30, 98
- △ P.C. NO. 6 DEC. 18, 98

WATER & WASTEWATER PLAN						
MILLENNIUM PHASE I						
TOWN OF ADDISON						
DALLAS COUNTY, TEXAS						
Civil & Structural Engineering · Surveying 4144 North Central Expressway, Suite 1100 Dallas, Texas 75204 (214)824-3647, fax (214) 824-7064						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAR	FG	10/98	1"=40'	BDD	C98365	C9

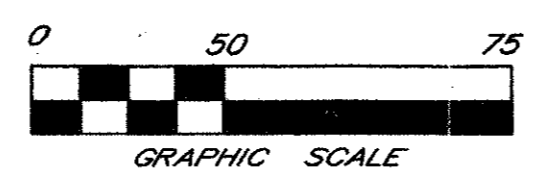
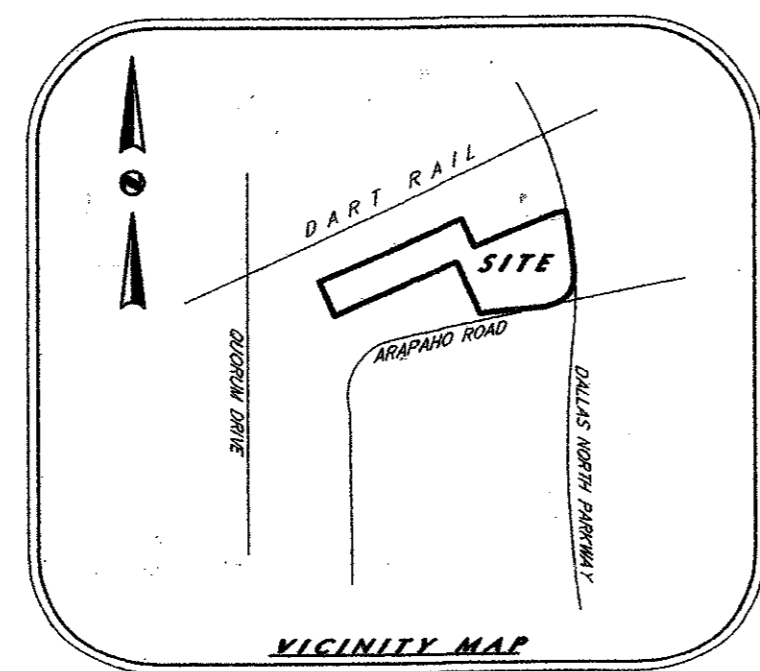
MS-111.DWG

LINE TABLE

Table with 3 columns: NUMBER, BEARING, DISTANCE. Lists line segments L1 through L29.

CURVE TABLE

Table with 5 columns: NUMBER, DELTA, R, L, CB, LC. Lists curve segments C1 through C28.



NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS: That MILLENNIUM PARK PHASE I L.P. ("Owner") does hereby adopt this plat designating the herein above property as MILLENNIUM PHASE I...

Any drainage and floodway easement shown hereon is hereby dedicated to the public's use forever, but including the following covenants with regard to maintenance responsibilities. The existing channels or creeks traversing the drainage and floodway easement will remain as an open channel...

Water main and sanitary sewer easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water service and sewer services from the main to curb or pavement line...

This plat is approved subject to all platting ordinances, rules, regulations and resolutions of the Town of Addison, Texas.

WITNESS MY HAND AT DALLAS, TEXAS, THIS 24th DAY OF OCT., 1998.

MILLENNIUM PARK PHASE I L.P., A Delaware limited partnership

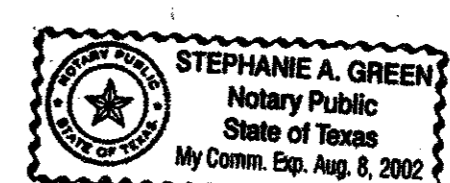
By: Millennium Addison, Inc. A Texas corporation, its General Partner

By: Clyde C. Jackson, Jr. President

STATE OF TEXAS COUNTY OF DALLAS

BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Clyde C. Jackson, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated.

GIVEN under my hand and seal of office, this the 24th day of October, 1998.



Signature of Notary Public Stephanie A. Green.

CERTIFICATE OF APPROVAL: MAYOR, TOWN OF ADDISON

CITY SECRETARY

VOLUME 98221 PAGE 00021

FINAL PLAT

MILLENNIUM PHASE I

A REPLAT OF PART OF SITE 1 AND SITE 2, BLOCK 1 QUORUM NORTH ADDITION VOLUME 80005, PAGE 1768

SITUATED IN THE G.W. FISHER SURVEY, ABSTRACT NO. 482 & ROBERT WILBUR SURVEY, ABSTRACT NO. 1580 TOWN OF ADDISON, DALLAS COUNTY, TEXAS

OWNER: MILLENNIUM PARK PHASE I L.P., A Delaware limited partnership 600 North Pearl SUITE 650 Dallas, Texas 75201 (214) 888-8600

PREPARED BY: BROCKETTE-DAVIS-DRAKE, INC. 4144 NORTH CENTRAL EXPRESSWAY SUITE 1100 DALLAS, TEXAS 75204 (214) 824-3647

SURVEYOR'S CERTIFICATE

KNOW ALL MEN BY THESE PRESENTS: THAT I, John R. Piburn, Jr., do hereby certify that I prepared this plat from an accurate and actual survey of land, and that the corner monuments shown thereon were properly placed under my personal supervision in accordance with the subdivision regulations of the Town of Addison, Texas.

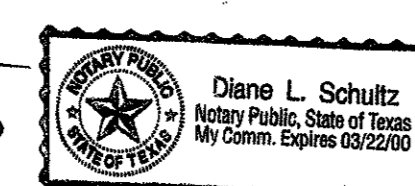
Signature of John R. Piburn, Jr., Registered Professional Surveyor, Registration No. 3689.

STATE OF TEXAS COUNTY OF DALLAS

BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared John R. Piburn, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated.

GIVEN under my hand and seal of office, this the 24th day of October, 1998.

Signature of Diane L. Schultz, Notary Public in and for the State of Texas.



OWNER'S CERTIFICATE

WHEREAS MILLENNIUM PARK PHASE I L.P., is the owner of a tract of land situated in the G.W. Fisher Survey, Abstract No. 482, and the Robert Wilbur Survey, Abstract No. 1580, Dallas County, Texas, and being part of a tract of land conveyed by the Town of Addison to Chattahoochee Leasing Corporation, by deed recorded in Volume 98182, Page 290, Deed Records of Dallas County, Texas, and being a part of the Adlestein Addition as recorded in Volume 81075, Page 1636, Map Records of Dallas County, Texas, and being more particularly described as follows:

COMMENCING at a point situated in the intersection of the southerly line of DART Rail (100' R.O.W.), and the westerly line of Dallas North Parkway (variable R.O.W.);

THENCE along the westerly line of said Dallas North Parkway the following: S13°45'00"E, a distance of 107.37 feet to a point of curvature to the right;

Along said curve having a delta angle of 03°50'25", a radius of 2191.83 feet, an arc length of 146.91 feet, and a chord bearing and distance of S11°49'43"E, 146.88 feet to an iron rod being the POINT OF BEGINNING;

Continuing along said curve having a delta angle of 05°00'30", a radius of 2191.83 feet, an arc length of 191.59 feet, and a chord bearing and distance of S02°33'32"E, 191.53 feet to an iron rod and the beginning of a compound curve to the right;

Along said curve having a delta angle of 00°45'56", a radius of 1137.47 feet, an arc length of 15.20 feet, and a chord bearing and distance of S02°33'32"E, 15.20 feet to an iron rod for corner and the beginning of a compound curve to the right;

Along said curve having a delta angle of 87°42'30", a radius of 100.00 feet, an arc length of 153.08 feet, and a chord bearing and distance of S41°34'09"W, 138.57 feet to an iron rod for corner situated in the northerly line of Arapaho Road as conveyed to the Town of Addison by R.O.W. deed recorded in Volume 98182, Page 5234, Deed Records of Dallas County, Texas;

THENCE along the northerly line of said Arapaho Road the following: S85°25'24"W, a distance of 192.10 feet to an iron rod for corner and the beginning of a curve to the left;

Along said curve having a delta angle of 01°56'40", a radius of 841.00 feet, an arc length of 28.54 feet, and a chord bearing and distance of S84°27'03"W, 28.54 feet to an iron rod for corner;

THENCE N23°51'32"W, departing said Arapaho Road, a distance of 18.87 feet to an iron rod for corner; THENCE N15°40'10"W, a distance of 43.01 feet to an iron rod for corner; THENCE N23°47'57"W, a distance of 24.00 feet to an iron rod for corner; THENCE N03°56'58"E, a distance of 42.96 feet to an iron rod for corner; THENCE N23°51'32"W, a distance of 59.97 feet to an iron rod for corner; THENCE S66°12'00"W, a distance of 434.72 feet to an iron rod for corner; THENCE N23°48'00"W, a distance of 115.01 feet to an iron rod for corner; THENCE N66°12'00"E, a distance of 479.23 feet to an iron rod for corner; THENCE S23°47'57"E, a distance of 53.74 feet to an iron rod for corner; THENCE N85°37'19"E, a distance of 136.81 feet to an iron rod for corner; THENCE N67°51'12"E, a distance of 184.22 feet to an iron rod for corner; THENCE N75°19'55"E, a distance of 37.00 feet to the POINT OF BEGINNING and containing 145,466 square feet or 3.3394 acres of land.

FILED 98 NOV 11 AM 10:03 EARL R. HOLLANDS DALLAS COUNTY CLERK DALLAS COUNTY TEXAS

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS

That MILLENNIUM PARK L.P., ("Owner") does hereby adopt this plat, dedicating the herein above property as MILLENNIUM PHASE II, an addition to the Town of Addison, Texas, and, subject to the conditions, restrictions and reservations stated hereinafter, owner dedicates to the public use forever the streets and alleys shown thereon. The easements shown on this plat are hereby reserved for the purposes as indicated, including, but not limited to, the installation and maintenance of water, sanitary sewer, storm sewer, drainage, electric, telephone, gas and cable television. Owner shall have the right to use these easements, provided however, that it does not unreasonably interfere or impede with the provision of the services to others. Said utility easements are hereby being reserved by mutual use and accommodation of all public utilities using or desiring to use the same. An express easement of ingress and egress is hereby expressly granted on, over and across all such easements for the benefit of the provider of services for which easements are granted.

Any drainage and floodway easement shown hereon is hereby dedicated to the public's use forever, but including the following covenants with regards to maintenance responsibilities. The existing channels or creeks traversing the drainage and floodway easement will remain as an open channel, unless required to be enclosed by ordinance, at all times and shall be maintained by the individual owners of the lot or lots that are traversed by or adjacent to the drainage and floodway easement. The city will not be responsible for the maintenance and operation of said creek or creeks or for any damage or injury to private property or person that results from the flow of water along said creek, or for the control of erosion. No obstruction to the natural flow of water run-off shall be permitted by construction of any type building, fence or any other structure within the drainage and floodway easement. Provided, however, it is understood that in the event it becomes necessary for the city to channelize or consider erecting any type of drainage structure in order to improve the storm drainage, then in such event, the city shall have the right, but not the obligation, to enter upon the drainage and floodway easement at any point, or points, with all rights of ingress and egress to investigate, survey, erect, construct or maintain any drainage facility deemed necessary by the city for maintenance or efficiency of its respective system or service.

Water main and sanitary sewer easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water service and sewer services from the main to curb or pavement line, and the descriptions of such additional easements herein granted shall be determined by their locations as installed.

This plat is approved subject to all platting ordinances, rules, regulations and resolutions of the Town of Addison, Texas.

WITNESS MY HAND AT DALLAS, TEXAS, THIS THE 9th DAY OF Oct, 1998.

MILLENNIUM PARK L.P.,
A Delaware limited partnership
By: Master Millennium Addison, Inc.
A Texas corporation,
its General Partner

By: Clyde C. Jackson, Jr.
Clyde C. Jackson, Jr.
President

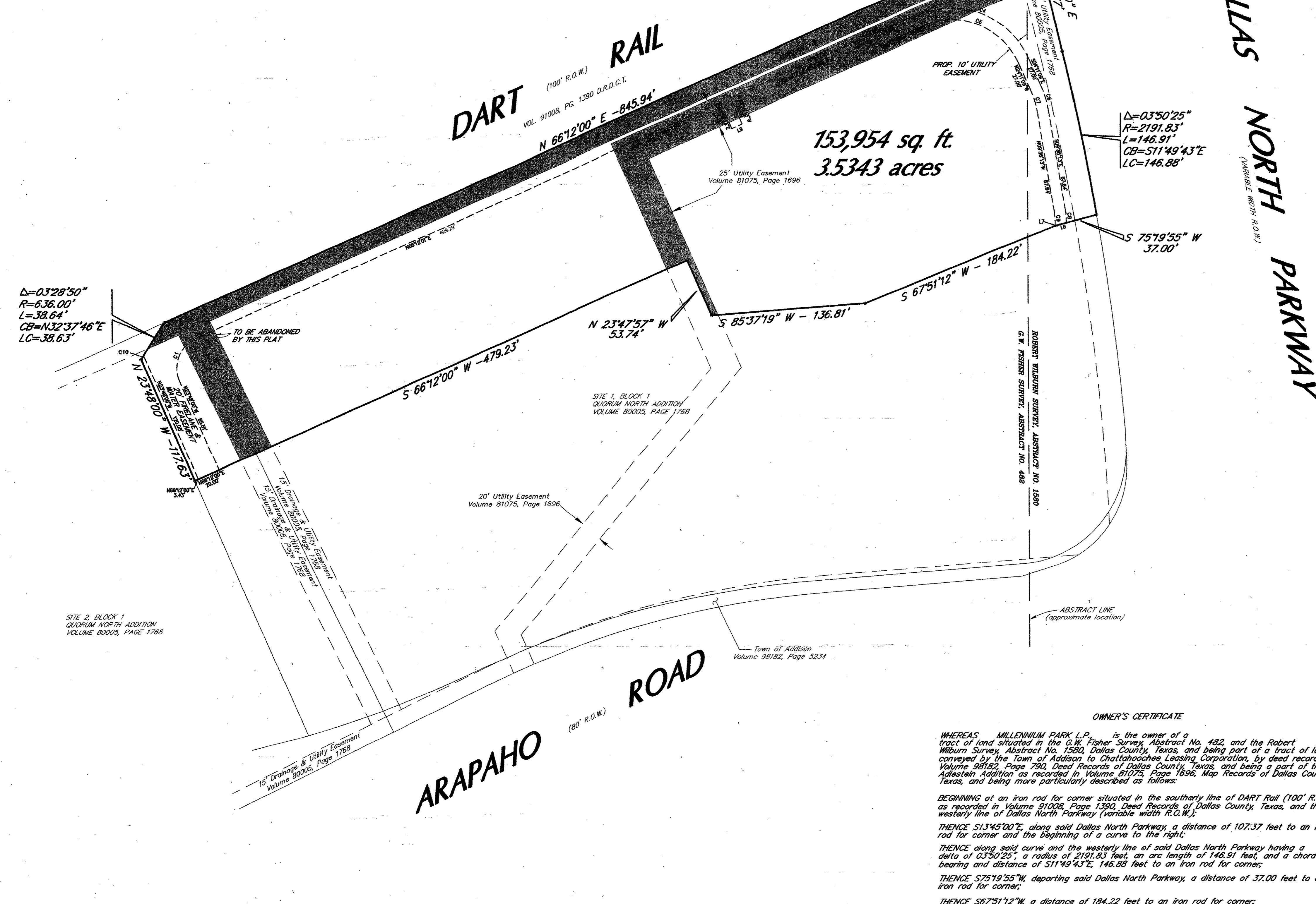
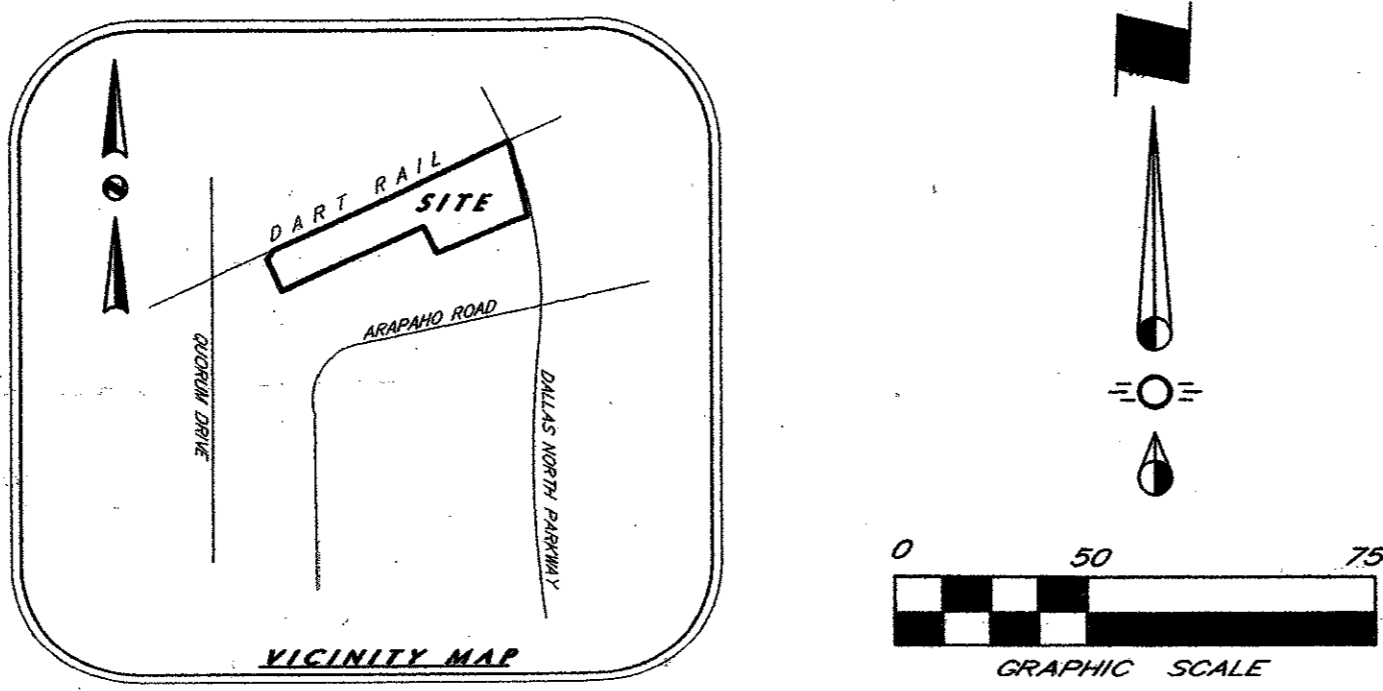
STATE OF TEXAS
COUNTY OF DALLAS
BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Clyde C. Jackson, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated.

GIVEN under my hand and seal of office, this the 9th day of October, 1998.
Stephanie A. Green
Stephanie A. Green
Notary Public
State of Texas
My Comm. Exp. Aug. 8, 2002

CERTIFICATE OF APPROVAL:
[Signature]
MAYOR, TOWN OF ADDISON
CITY SECRETARY
VOLUME 98221 PAGE 00022

FINAL PLAT
MILLENNIUM PHASE II
A REPLAT OF
PART OF SITE 1 AND SITE 2, BLOCK 1
QUORUM NORTH ADDITION
VOLUME 80005, PAGE 1768
SITUATED IN THE
G.W. Fisher Survey, Abstract No. 482 &
Robert Wilburn Survey, Abstract No. 1580
TOWN OF ADDISON, DALLAS COUNTY, TEXAS
OWNER:
MILLENNIUM PARK L.P.,
A Delaware limited partnership
600 North Pearl
SUITE 650
DALLAS, TEXAS 75201
(214) 888-8600
PREPARED BY:
BROCKETTE-DAVIS-DRAKE, INC.
4144 NORTH CENTRAL EXPRESSWAY
SUITE 1100
DALLAS, TEXAS 75204
(214) 824-3647

LINE TABLE			CURVE TABLE					
NUMBER	BEARING	DISTANCE	NUMBER	DELTA	R	L	CB	LC
L1	N83°38'43"E	12.81'	C1	90°00'01"	28.50	48.34	N21°12'00"E	41.72
L2	S86°12'01"W	96.97'	C2	22°07'36"	20.00	7.72	N77°15'49"E	7.66
L3	S23°47'59"E	1.34'	C3	21°56'46"	20.00	7.66	S80°59'18"E	7.61
L4	N23°52'52"W	3.78'	C4	89°34'53"	75.00	117.26	S68°58'35"E	105.68
L5	N83°52'52"W	15.11'	C5	89°34'53"	65.00	101.63	S68°58'35"E	91.59
L6	S75°19'55"W	9.33'	C6	14°34'56"	88.00	22.40	S16°53'41"E	22.34
L7	S67°51'12"W	1.09'	C7	14°34'56"	78.00	18.85	S16°53'41"E	19.80
L8	S13°45'00"E	38.01'	C8	09°11'09"	73.00	11.70	S05°02'39"E	11.69
L9	S66°12'01"W	10.00'	C9	11°38'35"	63.00	12.80	S03°46'56"E	12.78
L10	S23°47'59"E	5.00'	C10	00°22'39"	636.00	4.19	S31°04'40"W	4.19
L11	S66°12'01"W	10.00'						
L12	N23°47'59"W	5.00'						



SURVEYOR'S CERTIFICATE
KNOW ALL MEN BY THESE PRESENTS: THAT I, John R. Piburn, Jr., do hereby certify that I prepared this plat from an accurate and actual survey of land, and that the corner monuments shown thereon were properly placed under my personal supervision in accordance with the subdivision regulations of the Town of Addison, Texas.

[Signature]
John R. Piburn, Jr., R.P.L.S.
Registration No. 3689

STATE OF TEXAS
COUNTY OF DALLAS
BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared John R. Piburn, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated.

GIVEN under my hand and seal of office, this the 28th day of October, 1998.

[Signature]
Diane L. Schultz
Diane L. Schultz
Notary Public in and for the State of Texas
My Comm. Expires 09/22/00

OWNER'S CERTIFICATE

WHEREAS MILLENNIUM PARK L.P., is the owner of a tract of land situated in the G.W. Fisher Survey, Abstract No. 482, and the Robert Wilburn Survey, Abstract No. 1580, Dallas County, Texas, and being part of a tract of land conveyed by the Town of Addison to Chattahoochee Leasing Corporation, by deed recorded in Volume 98182, Page 790, Deed Records of Dallas County, Texas, and being a part of the Adelstein Addition as recorded in Volume 81075, Page 1696, Map Records of Dallas County, Texas, and being more particularly described as follows:

BEGINNING at an iron rod for corner situated in the southerly line of DART Rail (100' R.O.W.) as recorded in Volume 91008, Page 1390, Deed Records of Dallas County, Texas, and the westerly line of Dallas North Parkway (variable width R.O.W.);

THENCE S13°45'00"E, along said Dallas North Parkway, a distance of 107.37 feet to an iron rod for corner and the beginning of a curve to the right;

THENCE along said curve and the westerly line of said Dallas North Parkway having a delta of 03°50'25", a radius of 2191.83 feet, an arc length of 146.91 feet, and a chord bearing and distance of S11°49'43"E, 146.88 feet to an iron rod for corner;

THENCE S75°19'55"W, departing said Dallas North Parkway, a distance of 37.00 feet to an iron rod for corner;

THENCE S67°51'12"W, a distance of 184.22 feet to an iron rod for corner;

THENCE S85°37'19"W, a distance of 136.81 feet to an iron rod for corner;

THENCE N23°47'57"W, a distance of 53.74 feet to an iron rod for corner;

THENCE S66°12'00"W, a distance of 479.23 feet to an iron rod for corner;

THENCE N23°48'00"W, a distance of 117.63 feet to an iron rod for corner and the beginning of a curve to the right;

THENCE along said curve having a delta angle of 03°28'50", a radius of 636.00 feet, an arc length of 38.64 feet, and a chord bearing and distance of N32°37'46"E, 38.63 feet to an iron rod for corner situated in the southerly line of said DART Rail;

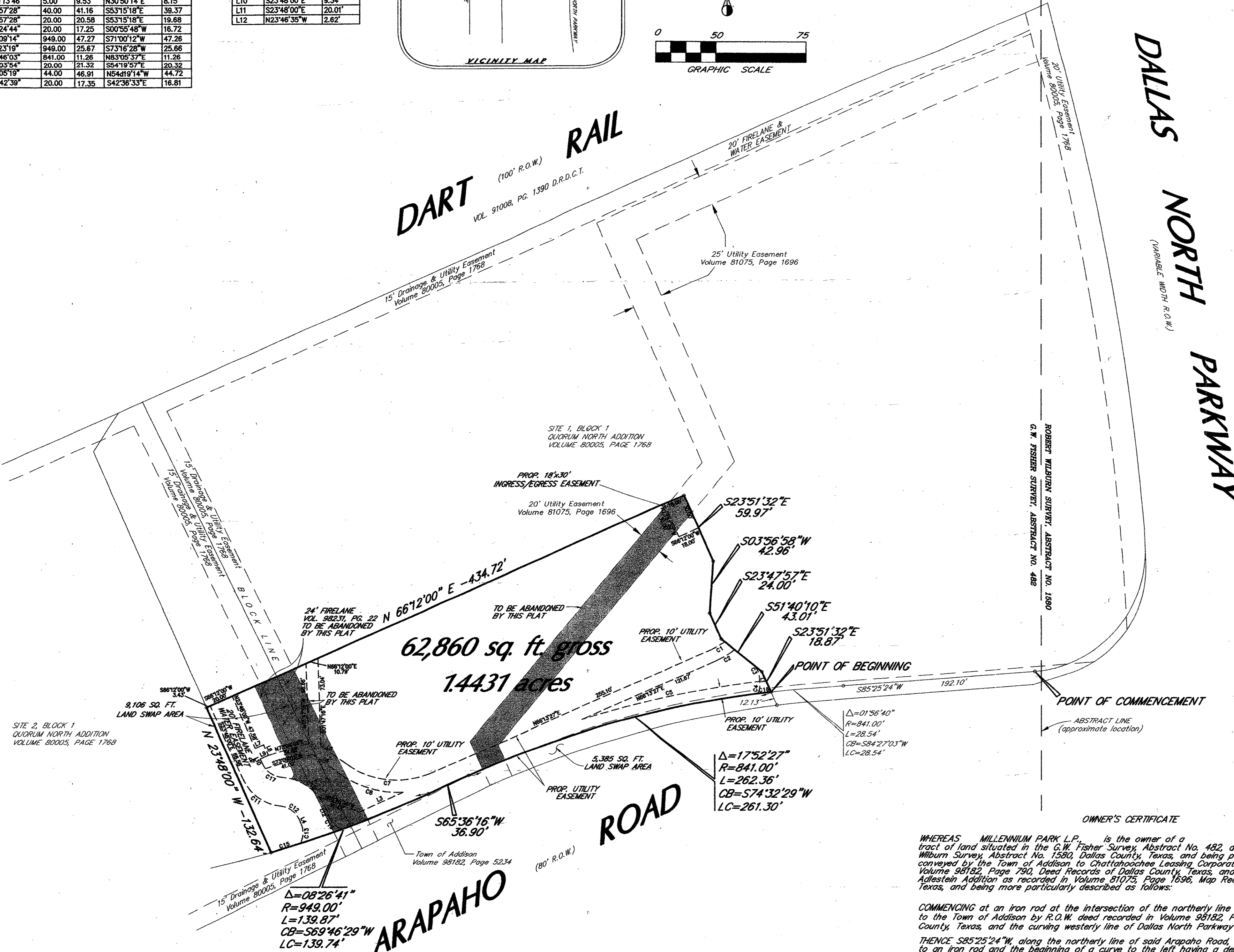
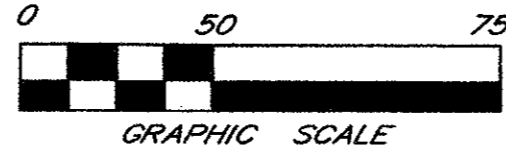
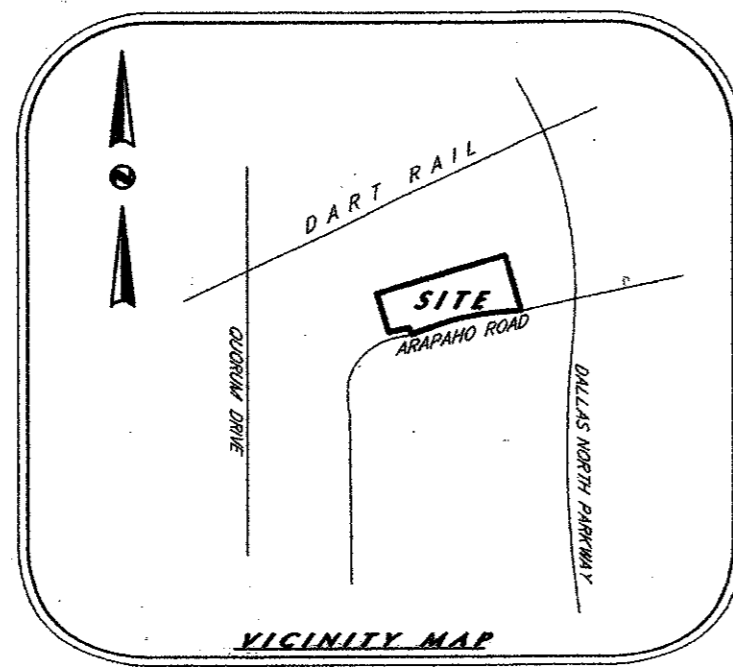
THENCE N66°12'00"E, along said DART Rail, a distance of 845.94 feet to the POINT OF BEGINNING and containing 153,954 square feet or 3.5343 acres of land.

CURVE TABLE

Table with columns: NUMBER, DELTA, R, L, CB, LC. Contains curve data for C1 through C19.

LINE TABLE

Table with columns: NUMBER, BEARING, DISTANCE. Contains line data for L1 through L12.



NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS That MILLENNIUM PARK L.P. ("Owner") does hereby adopt this plat designating the herein above property as MILLENNIUM PHASE III...

Any drainage and floodway easement shown hereon is hereby dedicated to the public's use forever, but including the following covenants with regards to maintenance responsibilities. The existing channels or creeks traversing the drainage and floodway easement will remain as an open channel...

Water main and sanitary sewer easements shall also include additional area of working space for construction and maintenance of the systems. Additional easement area is also conveyed for installation and maintenance of manholes, cleanouts, fire hydrants, water service and sewer services from the main to curb or pavement line...

This plat is approved subject to all platting ordinances, rules, regulations and resolutions of the Town of Addison, Texas.

WITNESS MY HAND AT DALLAS, TEXAS, THIS THE 1st DAY OF JUNE, 1999.

MILLENNIUM PARK L.P., A Delaware limited partnership

By: Master Millennium Addison, Inc. A Texas corporation, its General Partner

By: Clyde C. Jackson, Jr. President

STATE OF TEXAS COUNTY OF DALLAS

BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Clyde C. Jackson, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated.

GIVEN under my hand and seal of office, this 1st day of June, 1999. Stephanie A. Green, Notary Public in and for the State of Texas

CERTIFICATE OF APPROVAL: [Signature] MAYOR, TOWN OF ADDISON [Signature] CITY SECRETARY VOLUME 99114 PAGE 00009

NOTE: 5,385 SQ. FT. OF ARAPAHO ROAD FRONTAGE SWAPPED TO THE TOWN OF ADDISON FOR 9,106 SQ. FT. OF PROPERTY LOCATED AT THE WEST BOUNDARY.

SURVEYOR'S CERTIFICATE KNOW ALL MEN BY THESE PRESENTS: THAT I, John R. Piburn, Jr., do hereby certify that I prepared this plat from an accurate and actual survey of land, and that the corner monuments shown thereon were properly placed under my personal supervision in accordance with the subdivision regulations of the Town of Addison, Texas.

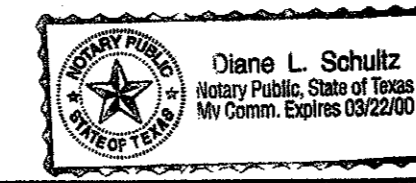
STATE OF TEXAS COUNTY OF DALLAS BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared John R. Piburn, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated. GIVEN under my hand and seal of office, this the 26 day of May, 1999.

WHEREAS MILLENNIUM PARK L.P. is the owner of a tract of land situated in the G.W. Fisher Survey, Abstract No. 482, and the Robert Wilburn Survey, Abstract No. 1580, Dallas County, Texas, and being part of a tract of land conveyed by the Town of Addison to Chattanooga Leasing Corporation, by deed recorded in Volume 98182, Page 790, Deed Records of Dallas County, Texas, and being a part of the Adelstein Addition as recorded in Volume 81075, Page 1696, Map Records of Dallas County, Texas, and being more particularly described as follows:

COMMENCING at an iron rod at the intersection of the northerly line of Arapaho Road as conveyed to the Town of Addison by R.O.W. deed recorded in Volume 98182, Page 5234, Deed Records of Dallas County, Texas, and the curving westerly line of Dallas North Parkway (variable width R.O.W.); THENCE S85°25'24"W along the northerly line of said Arapaho Road, a distance of 192.10 feet to an iron rod and the beginning of a curve to the left having a delta of 01°56'40", a radius of 841.00 feet, and a chord bearing and distance of S84°27'03"W, 28.54 feet; THENCE southwesterly, along said curve and the northerly line of said Arapaho Road, an arc length of 28.54 feet to an iron rod and the POINT OF BEGINNING; THENCE continuing along said curve and said northerly line, through a central angle of 17°52'27", an arc length of 262.36 feet to the end of said curve and an iron rod for corner; THENCE S65°36'16"W a distance of 36.90 feet to an iron rod for corner and the beginning of a curve to the right and having a delta of 08°26'41", a radius of 949.00 feet and a chord bearing and distance of S69°46'29"W, 139.74 feet; THENCE along said curve to the right an arc length of 139.87 feet to an iron rod for corner; THENCE N23°48'00"W, leaving said northerly line of Arapaho Road, a distance of 132.64 feet to an iron rod for corner; THENCE N66°12'00"E, a distance of 434.72 feet to an iron rod for corner; THENCE S23°51'32"E, a distance of 59.97 feet to an iron rod for corner; THENCE S03°56'58"W, a distance of 42.96 feet to an iron rod for corner; THENCE S23°47'57"E, a distance of 24.00 feet to an iron rod for corner; THENCE S51°40'10"E, a distance of 43.01 feet to an iron rod for corner; THENCE S23°51'32"E, a distance of 18.87 feet to the POINT OF BEGINNING and containing 62,860 square feet or 1.4431 acres.

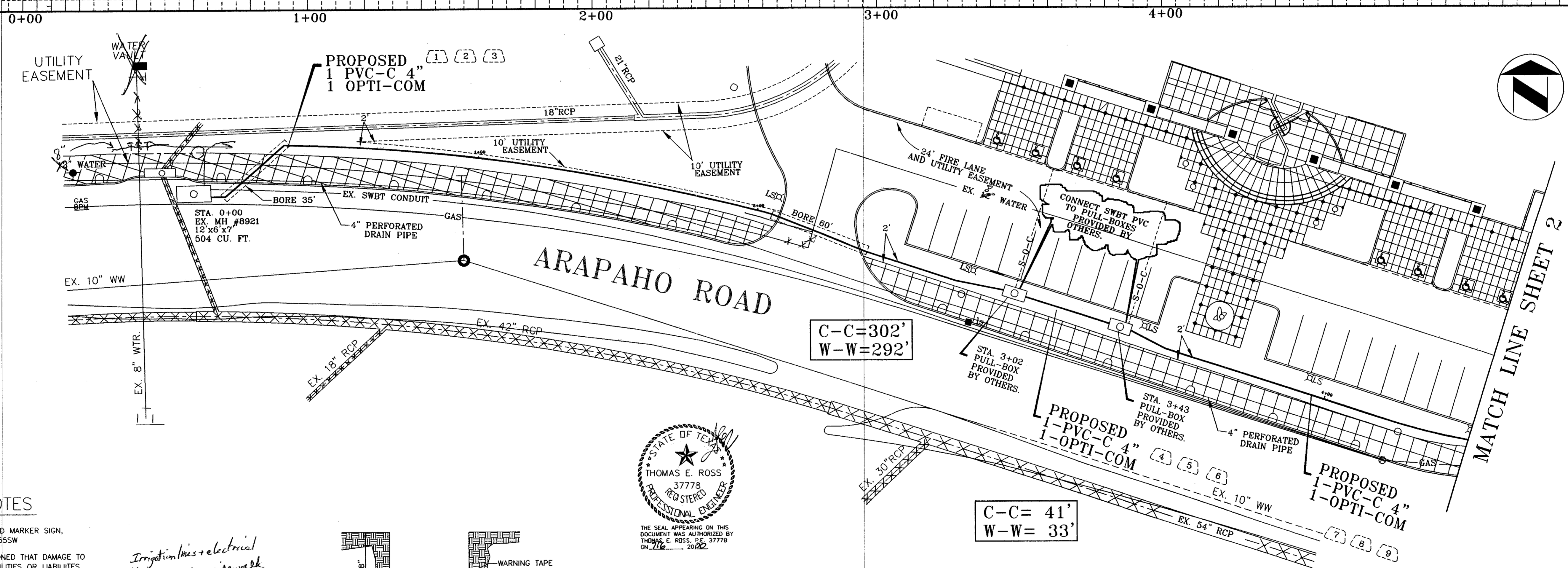
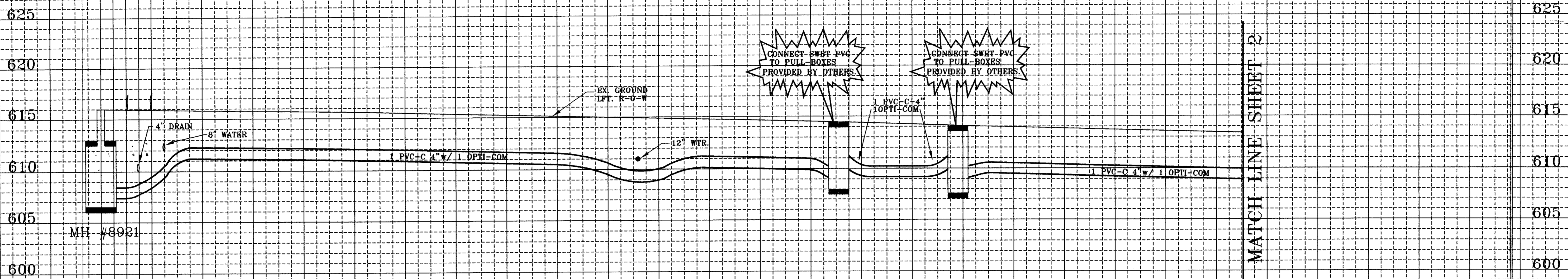
AMENDED FINAL PLAT MILLENNIUM PHASE III A REPLAT OF PART OF SITE 1 AND SITE 2, BLOCK 1 QUORUM NORTH ADDITION VOLUME 80005, PAGE 1768 SITUATED IN THE G.W. Fisher Survey, Abstract No. 482 & Robert Wilburn Survey, Abstract No. 1580 TOWN OF ADDISON, DALLAS COUNTY, TEXAS

OWNER: MILLENNIUM PARK L.P., A Delaware limited partnership 600 North Pearl SUITE 650 DALLAS, TEXAS 75201 (214) 888-8600 PREPARED BY: BROCKETTE-DAVIS-DRAKE, INC. 4144 NORTH CENTRAL EXPRESSWAY SUITE 1100 DALLAS, TEXAS 75204 (214) 824-3647



Diane L. Schultz Notary Public in and for the State of Texas

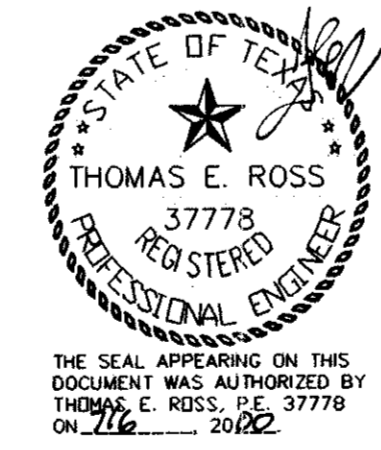
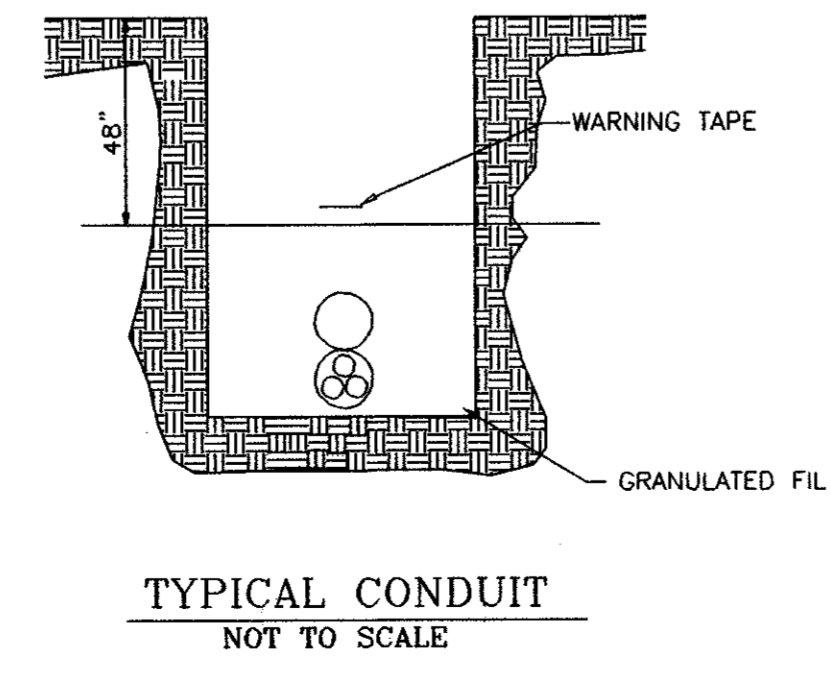
FILED 99 JUN 11 AM 10:12 EARL BULLOCK COUNTY CLERK DALLAS COUNTY



GENERAL NOTES

- BURIED MARKER AND BURIED MARKER SIGN, PER SECTION 629-020-0055W
- THE CONTRACTOR IS CAUTIONED THAT DAMAGE TO EXISTING UNDERGROUND UTILITIES OR LIABILITIES RESULTING THEREFROM SOLELY THEIR RESPONSIBILITIES THIS INCLUDES, BUT NOT LIMITED TO: VERIFYING ALL ALL DIMENSION PERTAINING TO THE JOB, RESTORATION OF ALL STREETS, DRIVEWAYS, GRASS, SIDEWALKS, ETC. TO THEIR ORIGINAL OR BETTER CONDITION.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SAFETY PLAN AND ADEQUATE SHORING TO MAINTAIN WORKER SAFETY AND COMPLY WITH HOUSE BILLS 662 AND 665 AND OSHA REQUIREMENTS.
- UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM FIELD OBSERVATIONS AND AVAILABLE RECORDS BUT ARE NOT NECESSARILY EXACT. UTILITIES LOCATION MUST BE VERIFY IN ADVANCE OF TRENCHING OR DIGGING SO THAT CHANGES IN GRADE OR ALIGNMENT MAY BE MADE.

Irrigation lines + electrical lines run under sidewalk also.



CONTRACTOR MUST LOCATE ALL UTILITIES BEFORE DIGGING!!!

1 TO 9
INSPCC

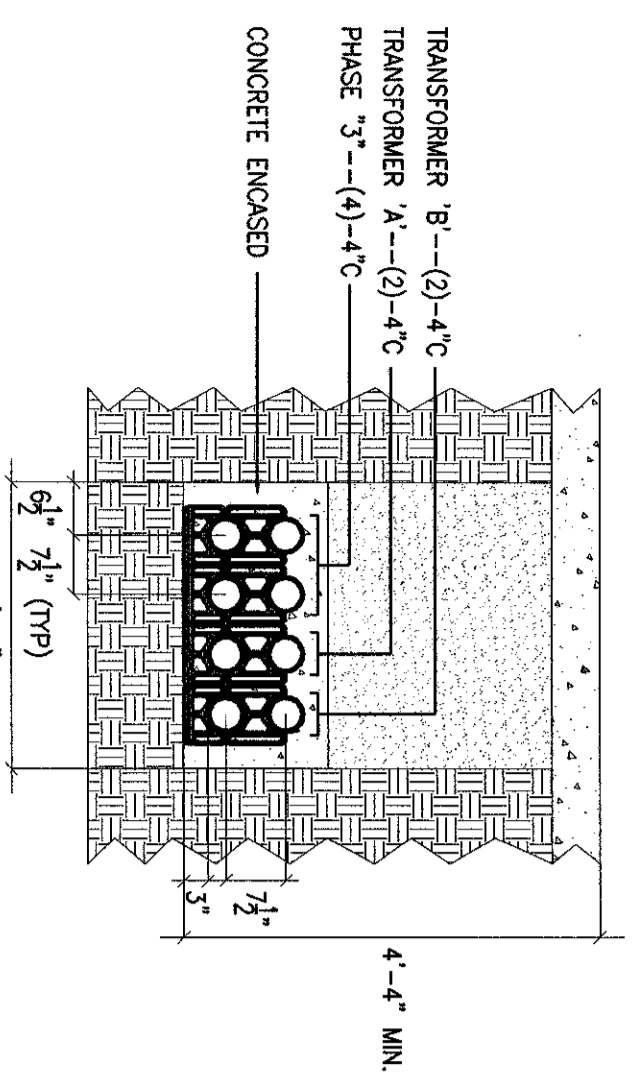
OPER.	ACTION CODE	SUPPL ACTION CODE	MAJOR MATERIAL DESCRIPTION	ACCT. CODE	ML OR AMT.	PL	BORE	REMOVALS AMOUNT
1	PLAC		PVC-4"-C	4C	292	292		
2	PLAC		CONDUIT-MLT-F03	4C	292	292		
3	PLAC		TRENCH-2-MPC	4C	292	292	95	
4	PLAC		PVC-4"-C	4C	33	33		
5	PLAC		CONDUIT-MLT-F03	4C	33	33		
6	PLAC		TRENCH-2-MPC	4C	33	33		
7	PLAC		PVC-4"-C	4C	438	438		
8	PLAC		CONDUIT-MLT-F03	4C	438	438		
9	PLAC		TRENCH-2-MPC	4C	438	438		

ADDISON 239
UNDERGROUND CONDUIT SYSTEM
 SCALE
 PLAN 1" = 20' PROFILE HORZ. 1" = 20' PROFILE VERT. 1" = 5'
 R. BROUSSARD MGR - ENGR S. GEDDIE AREA MGR - ENGR DAVID NOBLET DIST MGR - ENGR
 DATE ISSUED: _____ DATE CONST. COMP'D: _____ SHEET NO. 1
 E. R. NO. _____ JOB NO. 4673074 DRAWN BY TR INDUSTRIES, INC.
 MAP REF. _____ TAX DIST. DB009

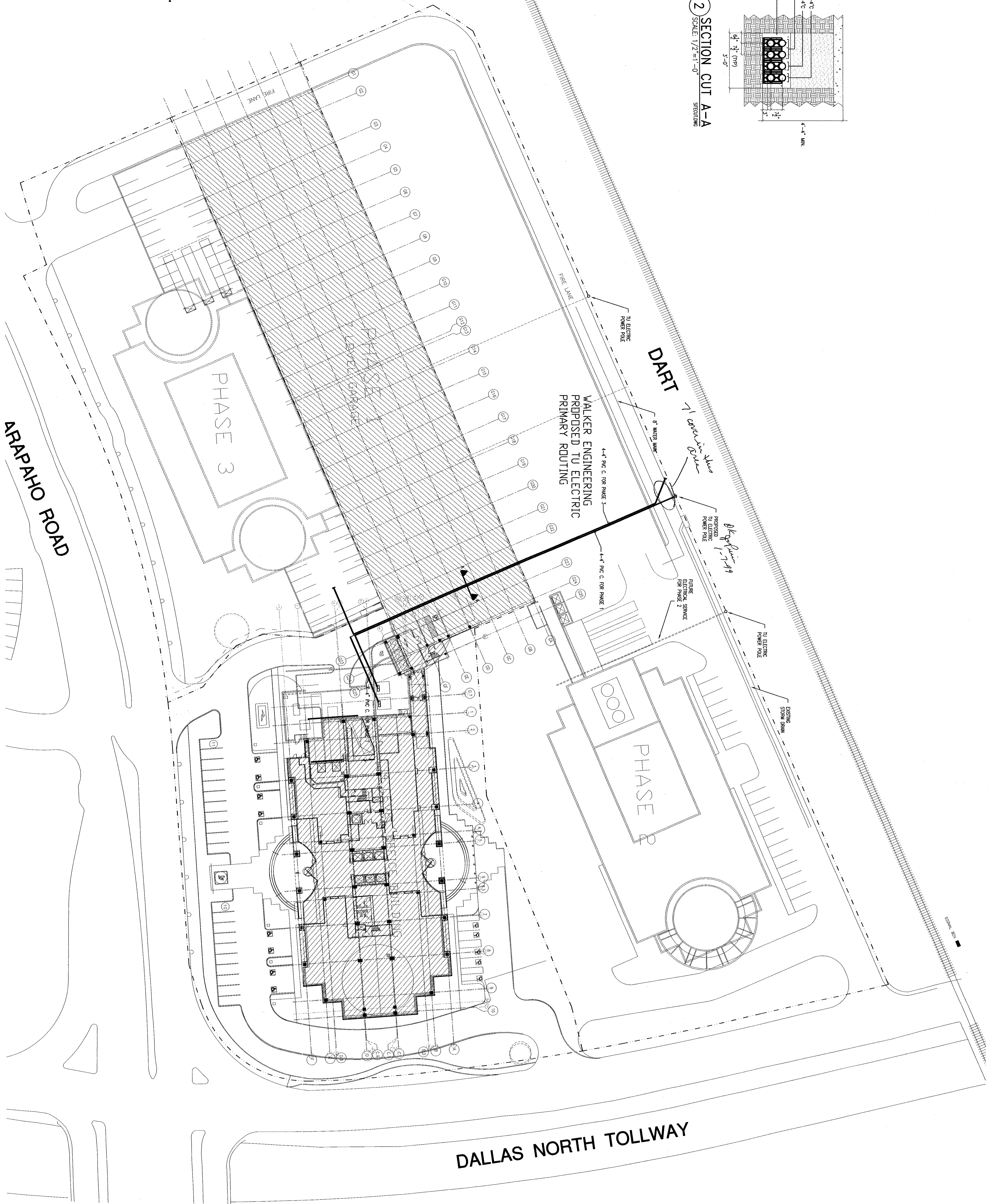
SWFT @ MICE/sum

FUTURE SPECTRUM DRIVE

AREA E
50,125 S.F.



2 SECTION CUT A-A
SCALE: 1/2"=1'-0"
SITUATIONS



ARAPAHO ROAD

DART

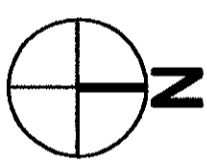
DALLAS NORTH TOLLWAY

WALKER ENGINEERING
PROPOSED TU ELECTRIC
PRIMARY ROUTING

PHASE 3

PHASE 2

1 ELECTRICAL SITE PLAN
SCALE: 1"=30'
MILLENNIVM



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WALKER ENGINEERING, INC.
ELECTRICAL CONTRACTORS
DALLAS - FT. WORTH - AUSTIN - SAN ANTONIO - HOUSTON

MILLENNIVM

DESIGNER	LAND POWER POLE 1/7/99
CHECKED BY	0888
FILE NAME	AS NOTED
DWG NO.	8814
DATE	1/6/99
SCALE	AS NOTED
SHEET NO.	WE2.01

