

CONSTRUCTION PLANS FOR

KELLER SPRINGS, DOOLEY ROAD IMPROVEMENTS

MAYOR : Honorable JERRY REDDING

CITY MANAGER:
RON WHITEHEAD

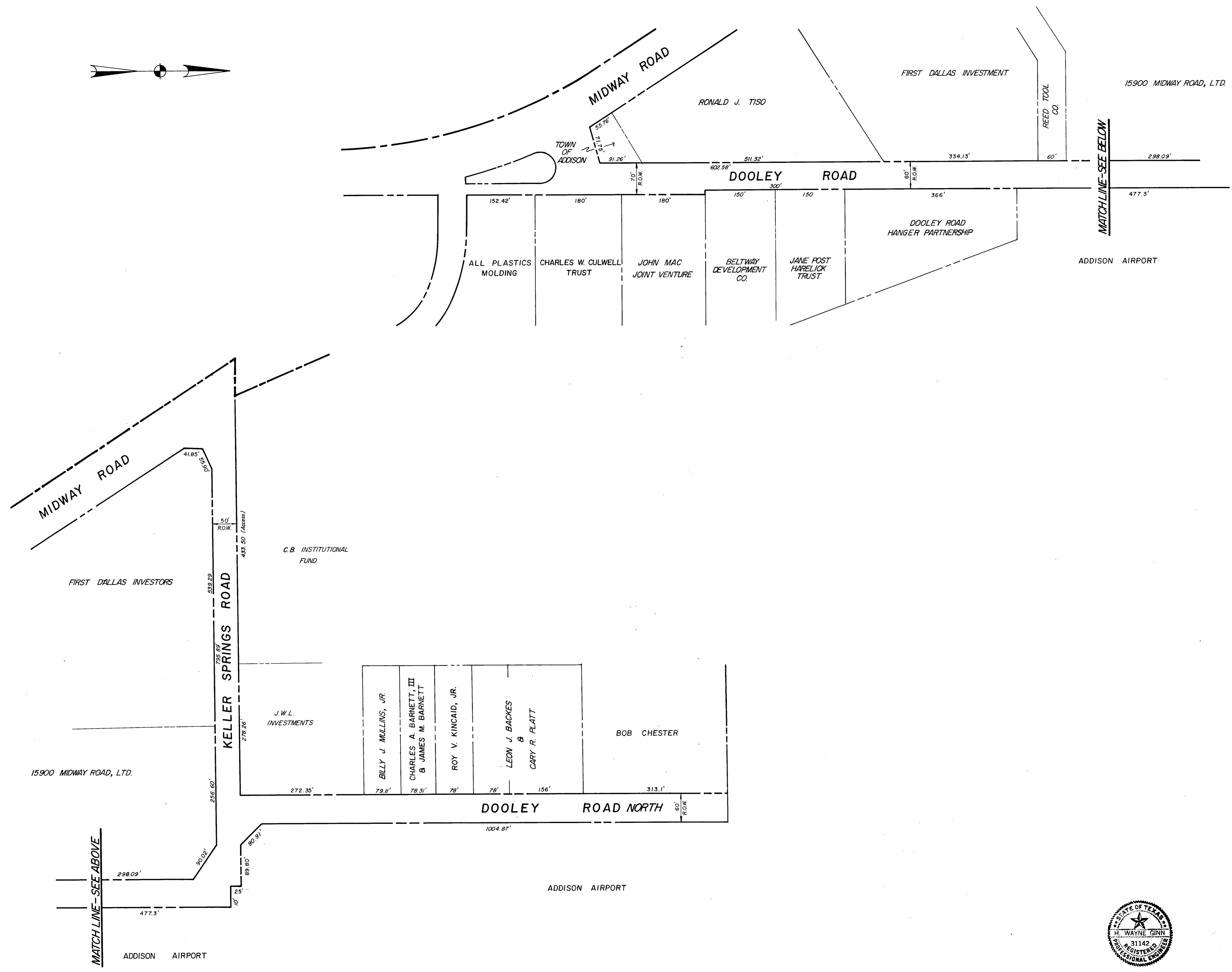
COUNCIL MEMBERS:
GREG COLE Mayor pro tem
BOBBY HATFIELD
RICHARD RODER
LYNN SPRULL
JOHN NOFLAN

Approved by: Jerry Redding Date: _____
Jerry Redding, Mayor of Addison

GINN, INC.
Consulting Engineers Dallas, Texas
JUNE 1986



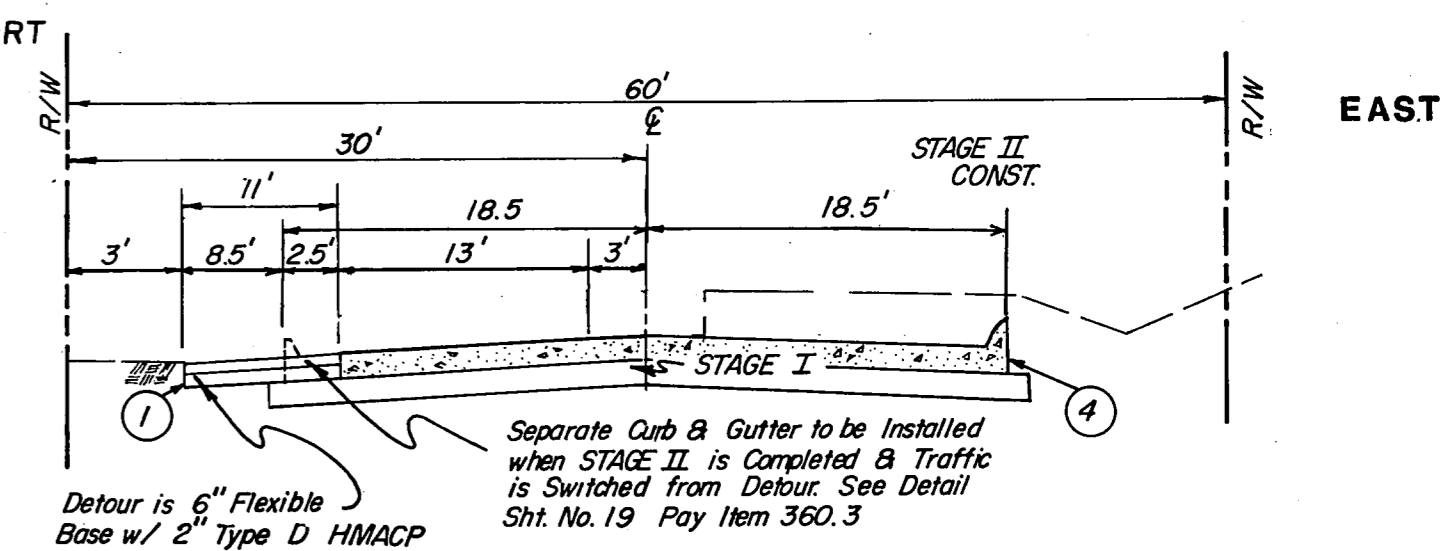
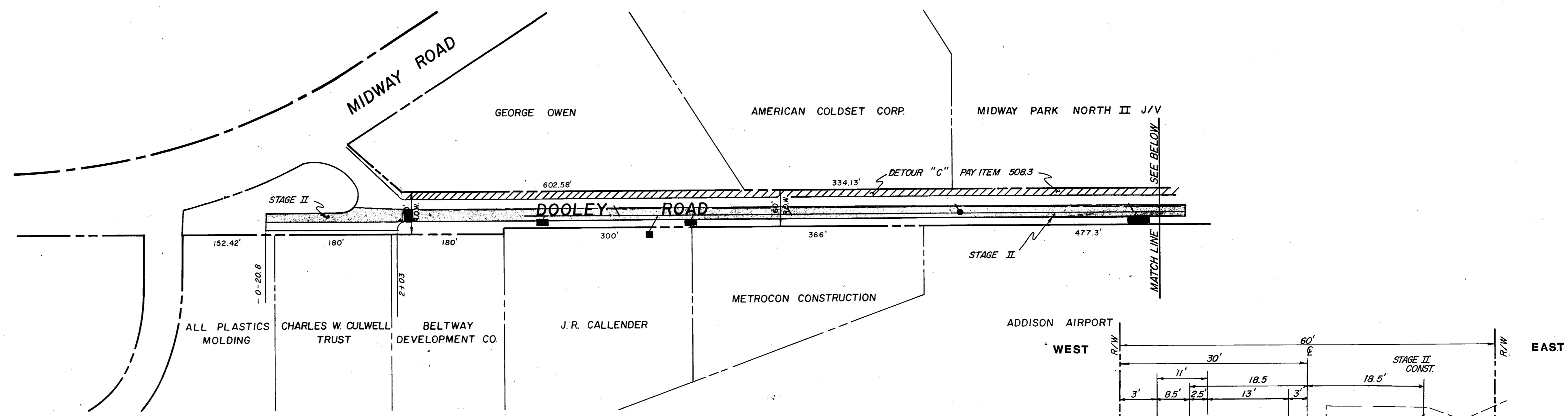
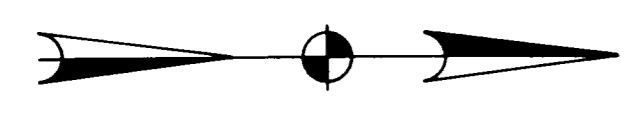
FF-23



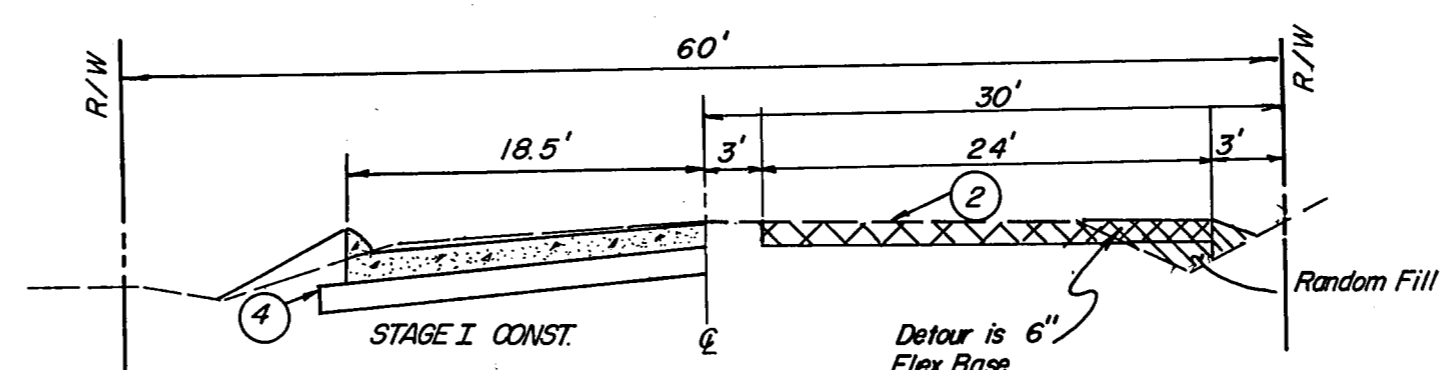
NOTE:
 OWNERSHIP OF PROPERTIES SHOWN TAKEN FROM TOWN
 OF ADDISON PLAT MAPS AS OF DECEMBER, 1985. CHANGES
 IN OWNERSHIP ARE NOT REFLECTED ON THESE DRAWINGS.



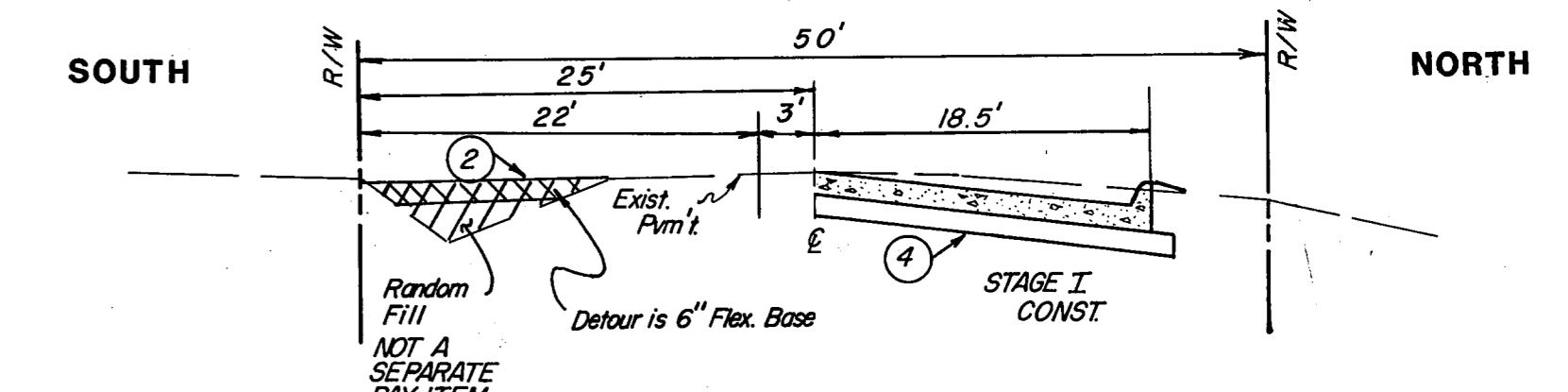
Updated Properties Owners & Added Frontages		RLO	8/20/86
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
R.O.W. MAP			
GINN, INC.			
Consulting Engineers Dallas, Texas			
Designed - JCK	Drawn - RLO	Date - JUNE, 1986	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1" = 100'	Sheet 2 OF 30



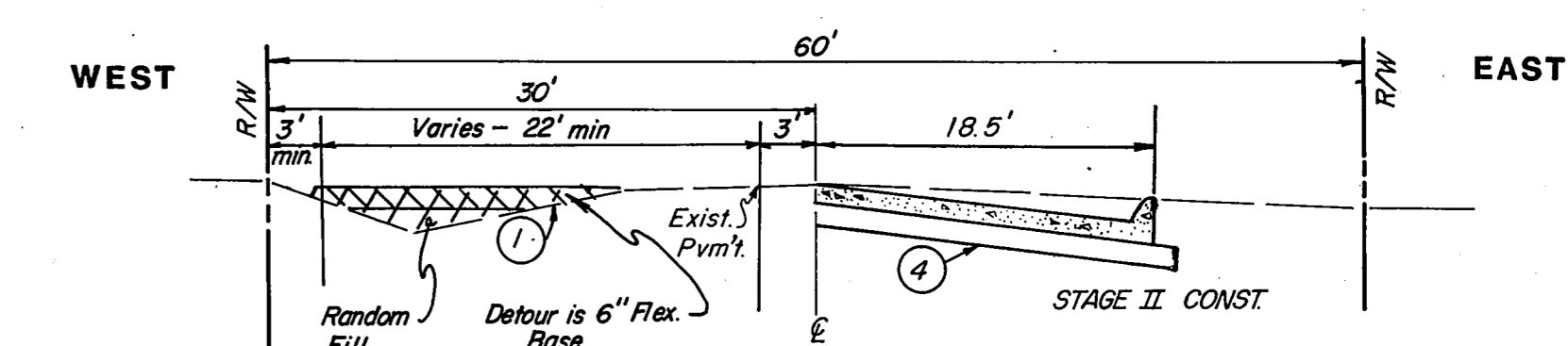
DETOUR "A" (STAGE II)
N.T.S. Dooley Rd. North PAY ITEM 508.1



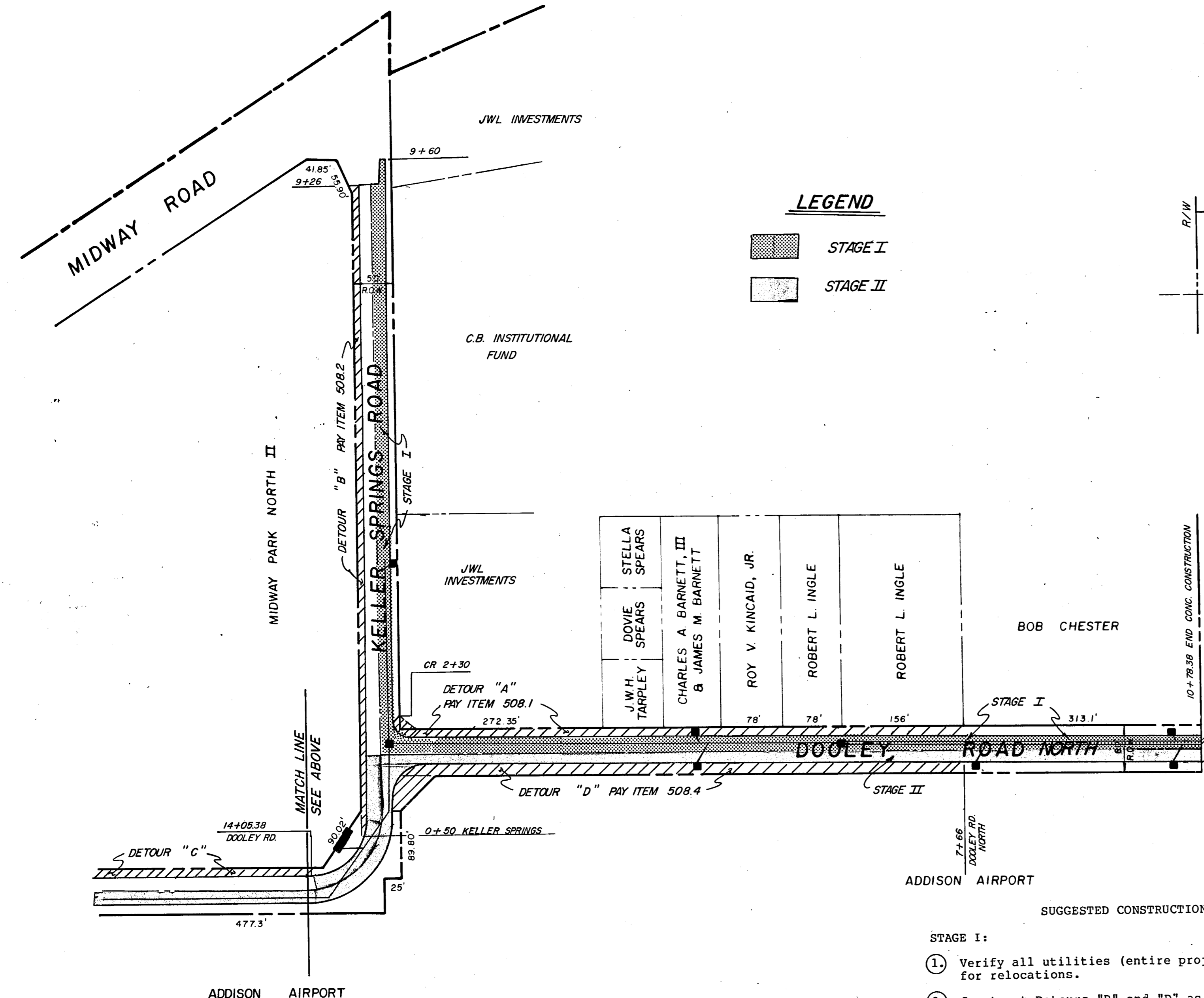
DETOUR "D" (STAGE I)
N.T.S. Dooley Road North PAY ITEM 508.4



DETOUR "B" (STAGE I)
N.T.S. Keller Springs Rd. PAY ITEM 508.2



DETOUR "C" (STAGE II)
N.T.S. Dooley Rd. PAY ITEM 508.3



LEGEND
 STAGE I
 STAGE II

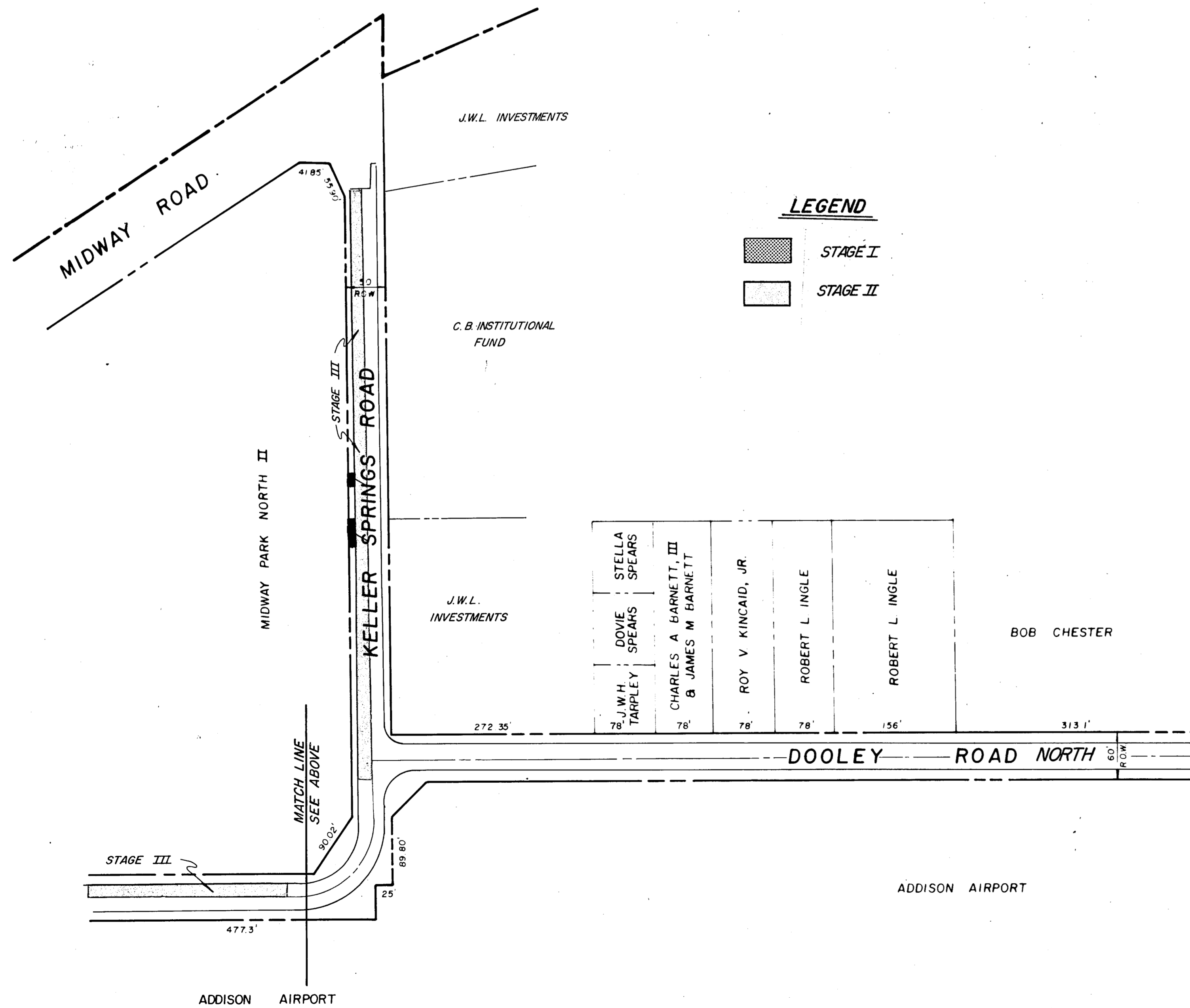
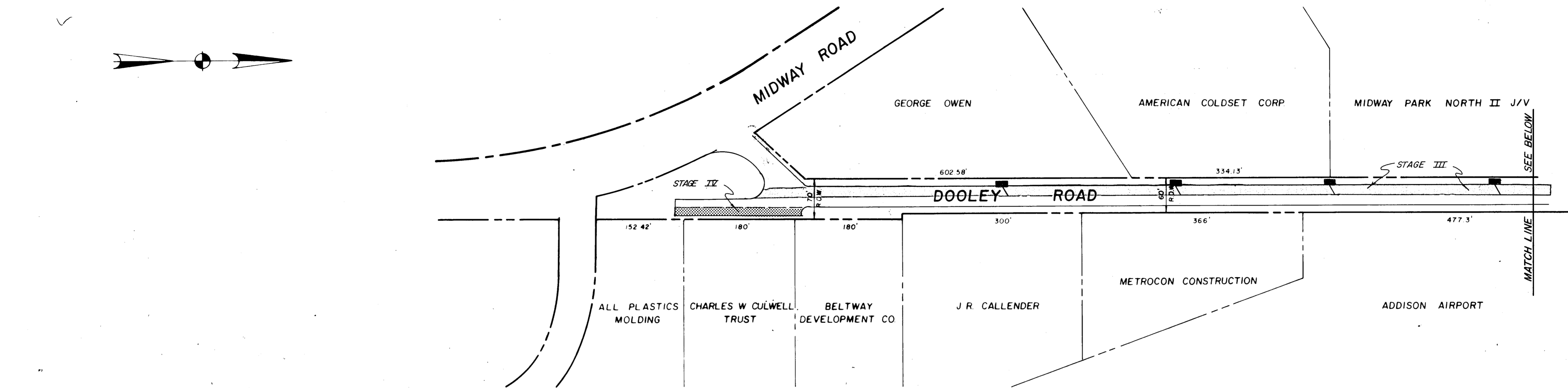
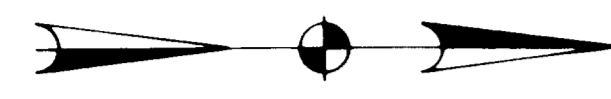
- SUGGESTED CONSTRUCTION SEQUENCE**
- STAGE I:**
1. Verify all utilities (entire project), arrange for relocations.
 2. Construct Detours "B" and "D" as shown above.
 3. Switch two-way traffic onto Detours "B" and "D"; construct (west) storm sewer system Dooley Road North, with the exception of the inlet at Sta. 2+79.55, which will be constructed during Stage III (with the abandonment of Detour "A" and the construction of the curb and gutter section).

3. (cont'd.) Construct (North) storm sewer system Keller Springs Road from center line Dooley Road North to end.
 4. Construct concrete pavement (north) half Keller Springs Road (18.5' - b.c.) and (west) half Dooley Road North (18.5' - b.c.), with the exception of the curb and gutter section from Sta. 0+18.5 to Sta. 7+66, which will be constructed during Stage III (with the abandonment of Detour "A" and the construction of the inlet at Sta. 2+79.55).
- STAGE II:**
1. Construct Detours "C" and "A" as shown above.
 2. Switch two-way traffic onto Detours "C" and "A" and switch westbound traffic onto new concrete pavement Keller Springs Road, maintaining eastbound traffic on Detour "B". Also abandon and remove Detour "D".
 3. Complete (east) storm sewer Dooley Road North; construct entire storm sewer system Dooley Road paving Sta. 14+05 to Sta. 15+00 and Keller Springs paving Sta. 0+37.54 to Sta. 1+82. Construct (east) storm sewer system Dooley Road.
 4. Complete concrete pavement (east) half Dooley Road North (18.5' - b.c.), construct complete (37' - b.b.) concrete pavement Dooley Road Sta. 14+05.38 to Sta. 15+00 and Keller Springs road Sta. 0+37.54 to Sta. 1+82. Construct concrete pavement (east) half Dooley Road (18.5' - b.c.) Sta. 2+03 to Sta. 14+05.38 and (west) half Dooley Road Sta. 0-20.8 to Sta. 2+03.



STAGES I & II

No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
CONSTRUCTION SEQUENCE			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - JCK	Drawn - RLO	Date - JUNE, 1986	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1" = 100'	Sheet 3 of 30



LEGEND

- STAGE I
- STAGE II

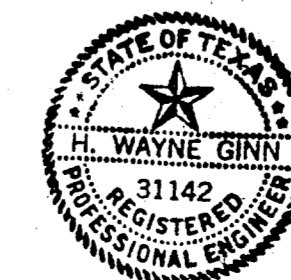
STAGE III:

1. Switch northbound traffic (one-way) onto new concrete pavement Dooley Road and maintain westbound traffic (one-way) on concrete pavement Keller Springs Road. Open Dooley Road North to two-way traffic.
2. Remove all temporary detours; construct curb and gutter section and inlet at Sta. 2+79.55 (west) Dooley Road North as mentioned in Stage I. Also construct asphalt transition Dooley Road North Sta. 10+78.38 to Sta. 11+20.
3. Complete (south) storm sewer Keller Springs Road and (west) storm sewer Dooley Road.
4. Complete concrete pavement (south) half Keller Springs Road (18.5' - b.c.) and (west) half Dooley Road (18.5' - b.c.) from Midway Road to Sta. 14+05.38.

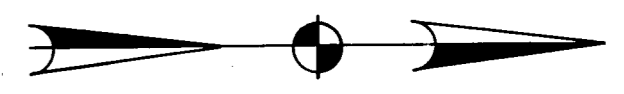
STAGE IV:

1. Construct concrete pavement and drainage improvements (east) half Dooley Road Sta. 0+20.8 to Sta. 2+03.

STAGES III & IV



No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
CONSTRUCTION SEQUENCE			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - JCK	Drawn - RLO	Date - JUNE, 1986	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1" = 100'	Sheet 3a Of 30

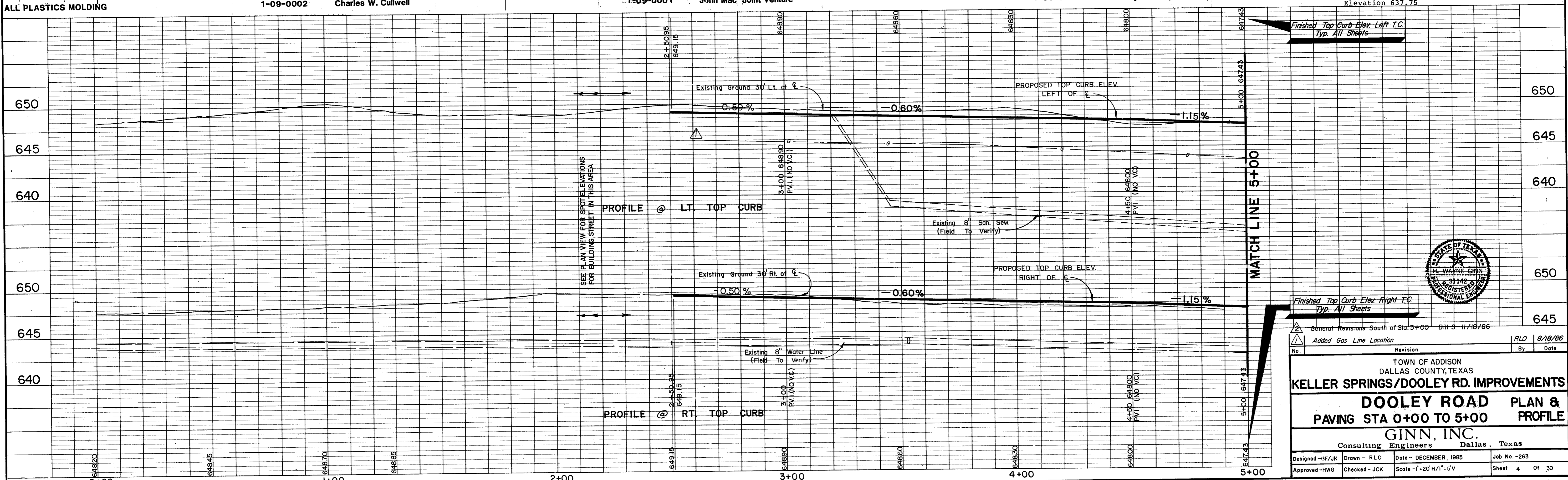
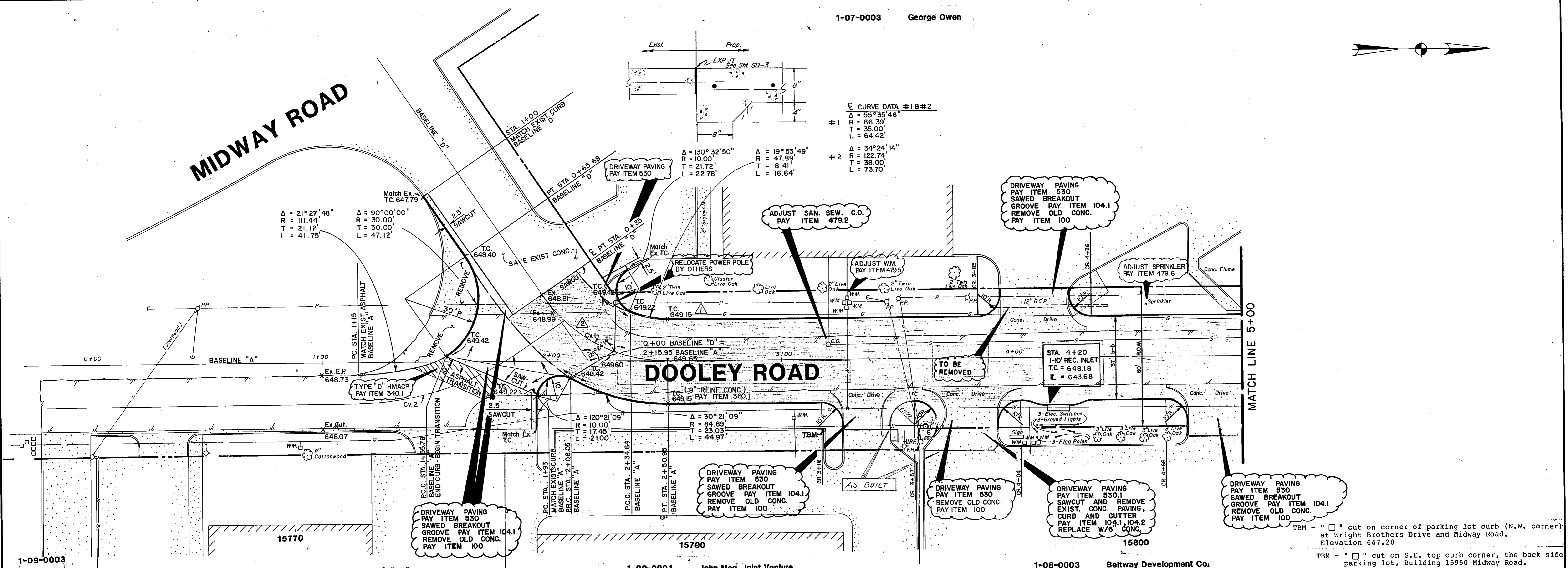


MIDWAY ROAD

DOOLEY ROAD

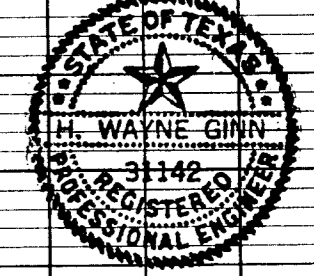
CURVE DATA #18#2

#1	$\Delta = 55^{\circ}35'46"$
	R = 66.39
	T = 35.00
	L = 64.42'
#2	$\Delta = 34^{\circ}24'14"$
	R = 122.74'
	T = 58.00'
	L = 73.70'



TBM - " " cut on corner of parking lot curb (N.W. corner) at Wright Brothers Drive and Midway Road. Elevation 647.28

TBM - " " cut on S.E. top curb corner, the back side parking lot, Building 15950 Midway Road. Elevation 637.75



General Revisions South of Sta. 3+00 Bill 3 11/18/86

No.	Revision	By	Date
1	Added Gas Line Location	RLO	8/18/86

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS

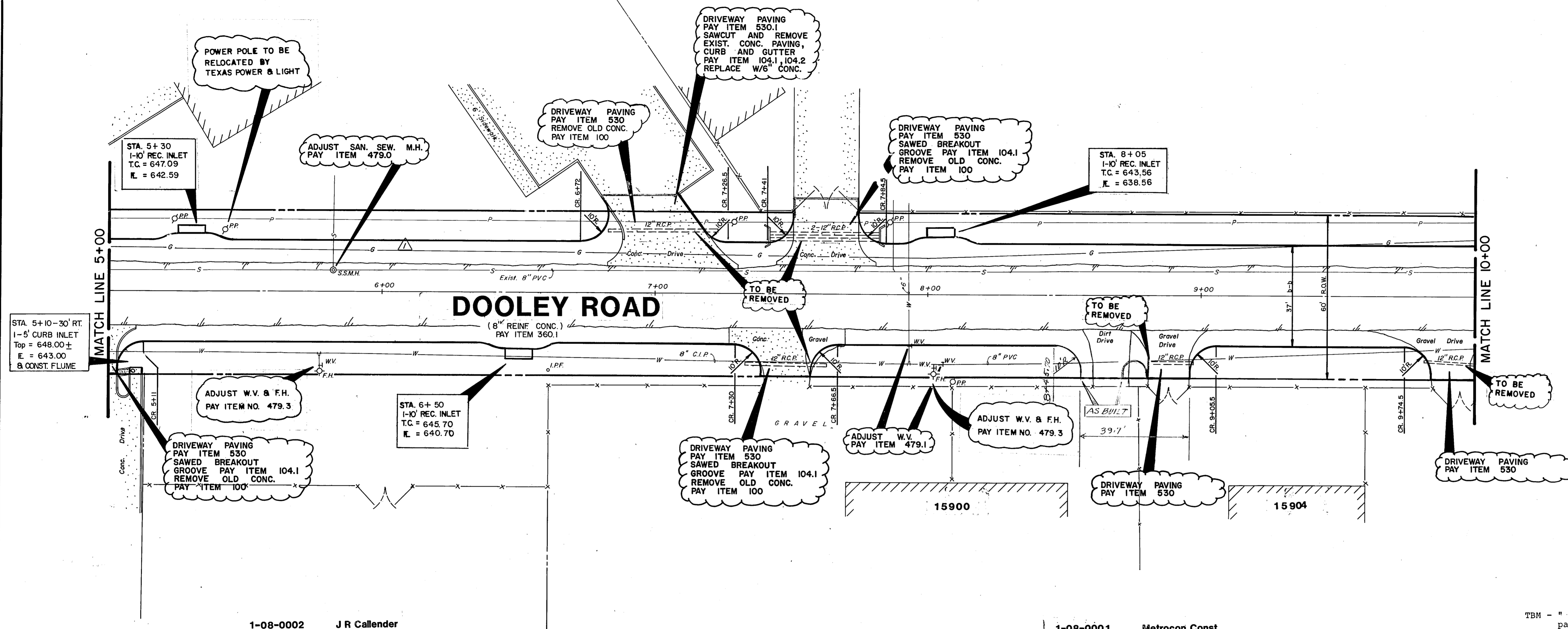
DOOLEY ROAD PLAN & PROFILE

PAVING STA 0+00 TO 5+00

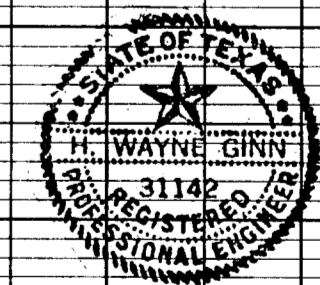
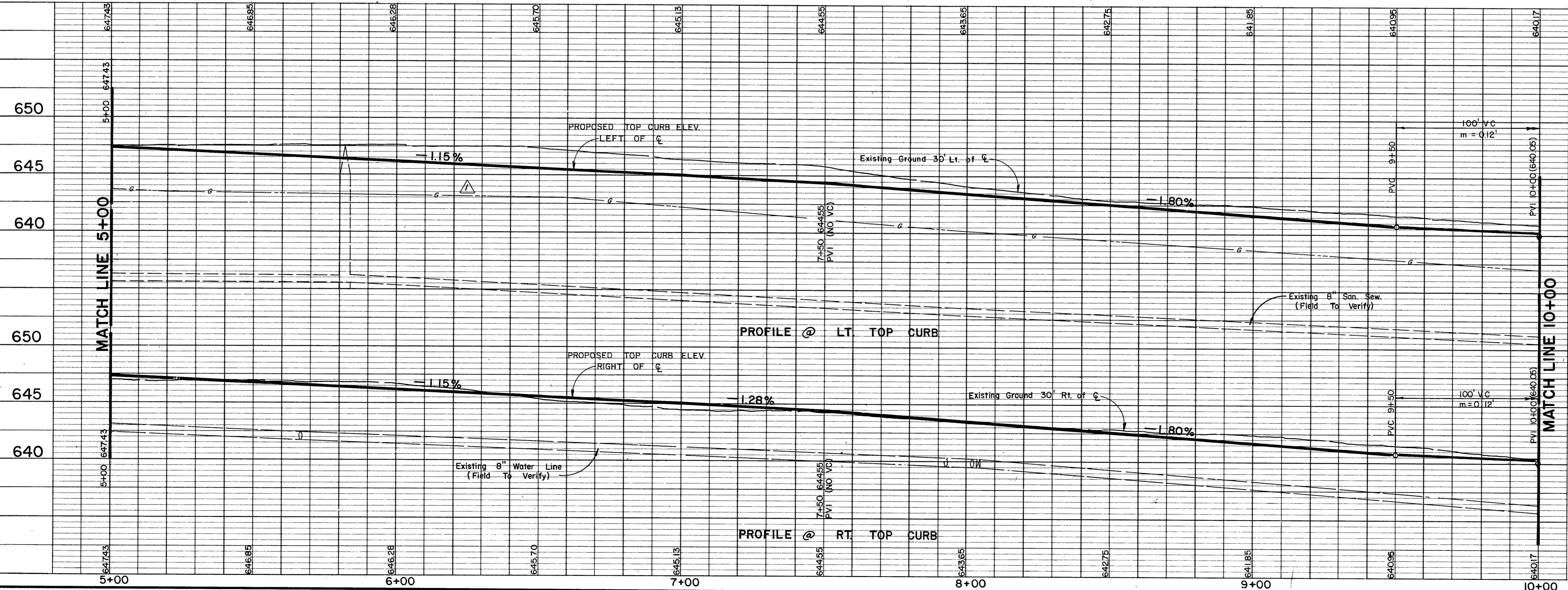
GINN, INC.
Consulting Engineers Dallas, Texas

Designed - GF/JK Drawn - RLO Date - DECEMBER, 1985 Job No. - 263

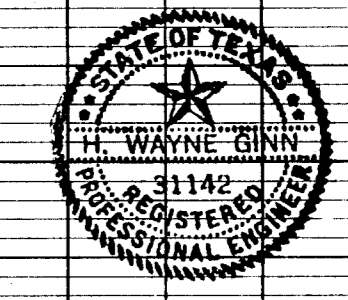
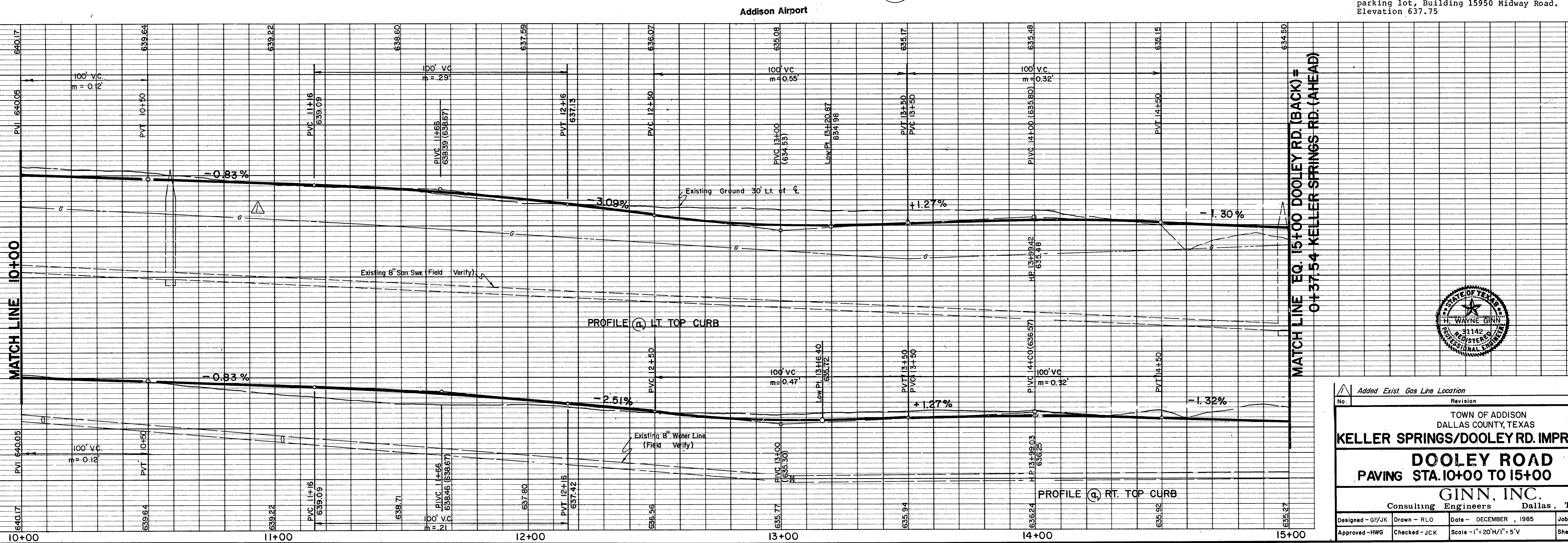
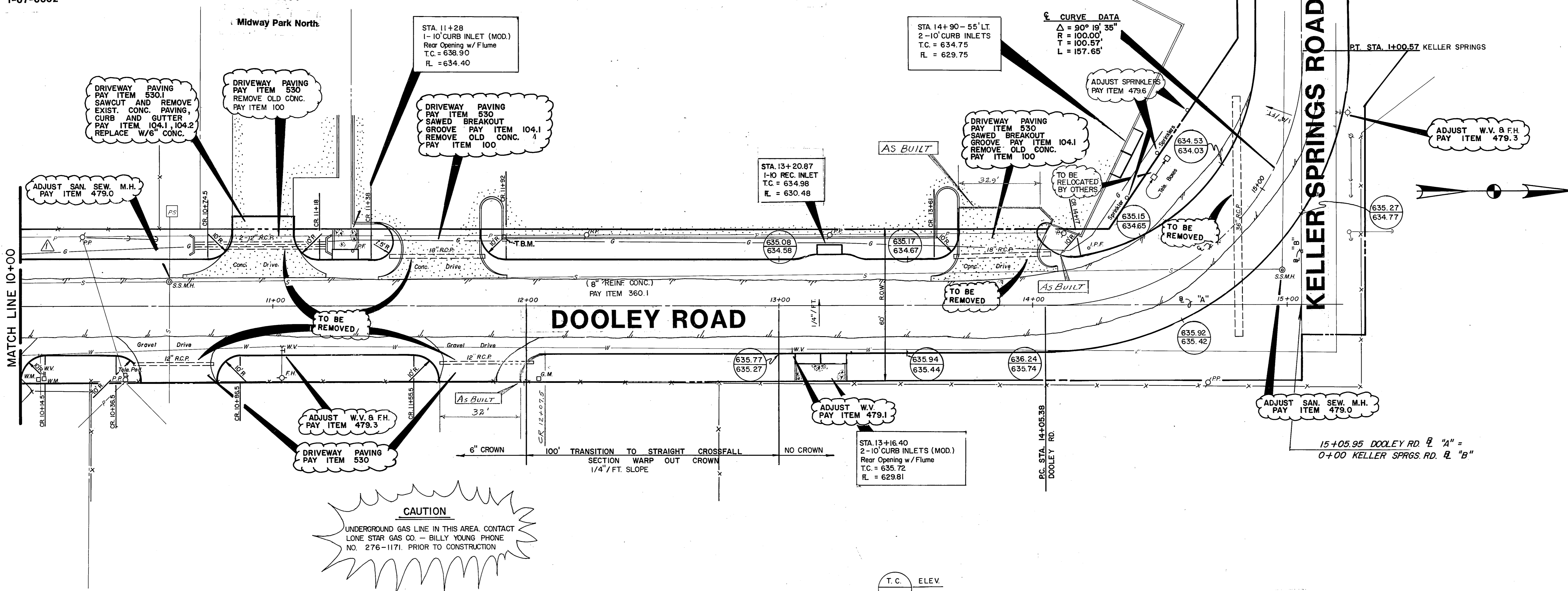
Approved - HWG Checked - JCK Scale - 1"=20'H/1"=5'V Sheet 4 of 30



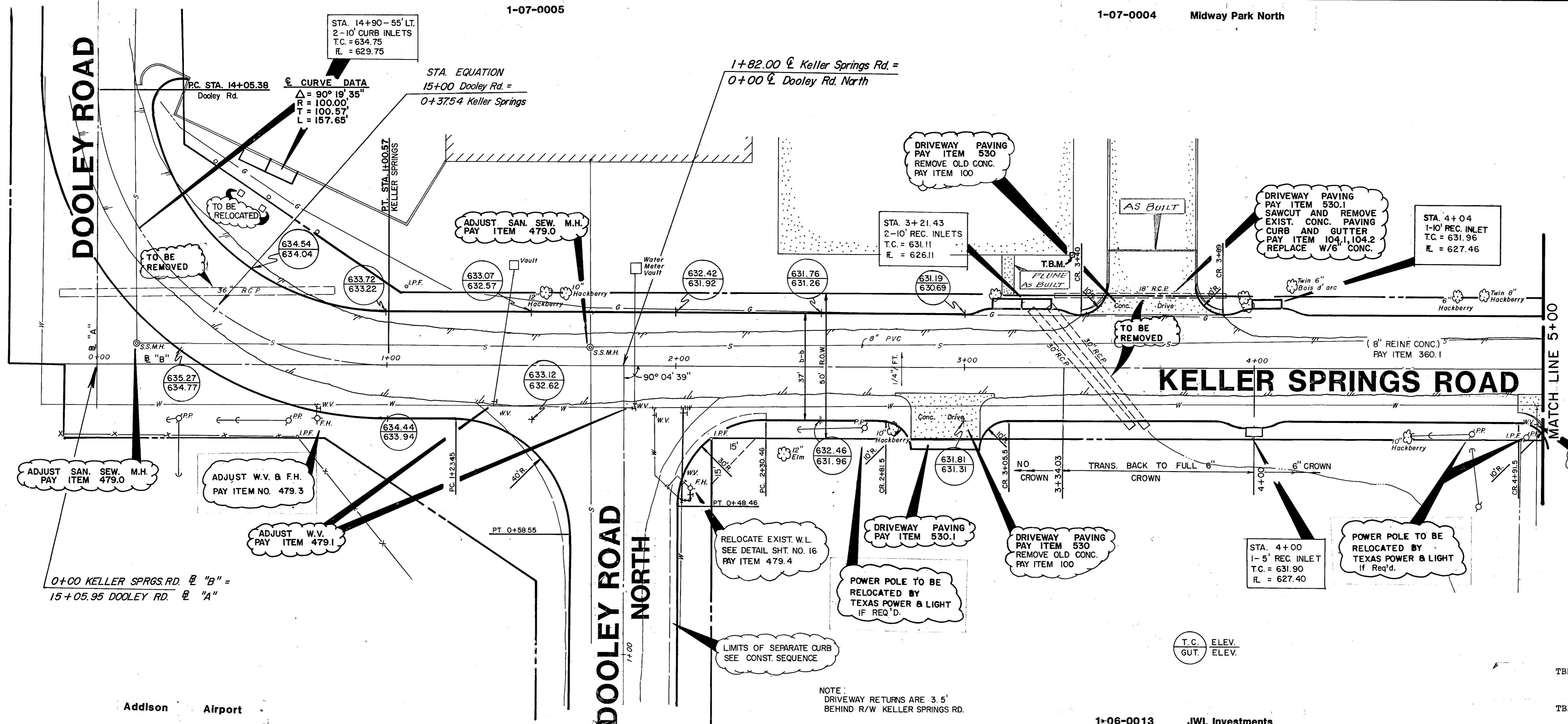
TBM - " " cut on S.E. top curb corner, the back side parking lot, Building 15950 Midway Road. Elevation 637.75



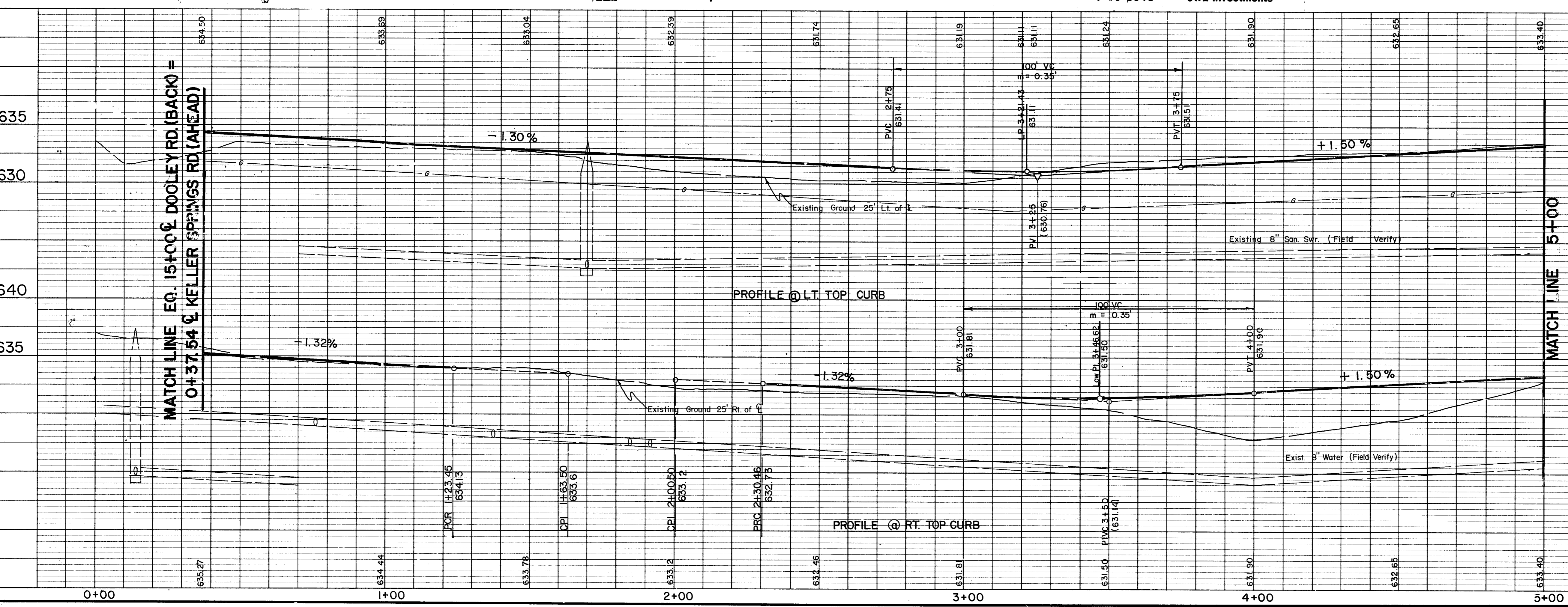
Added Exist. Gas Line Location		RLO	8/18/86
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
DOOLEY ROAD		PLAN & PROFILE	
PAVING STA 5+00 TO 10+00		GINN, INC.	
Consulting Engineers Dallas, Texas			
Designed - GF/JK	Drawn - RLO	Date - DECEMBER, 1985	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1"=20'H/1"=5'V	Sheet 5 of 30



Added Exist. Gas Line Location		RLO	8/18/96
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
DOOLEY ROAD PLAN & PAVING STA. 10+00 TO 15+00 PROFILE			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - GJ/JK	Drawn - RLO	Date - DECEMBER 1995	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1" = 20' H/1" = 5' V	Sheet 6 OF 30

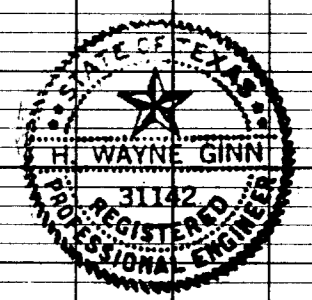


MATCH LINE 5+00



TBM - " " cut on N.W. top curb, corner of parking lot, Building 15950 Midway Road. Elevation 634.57

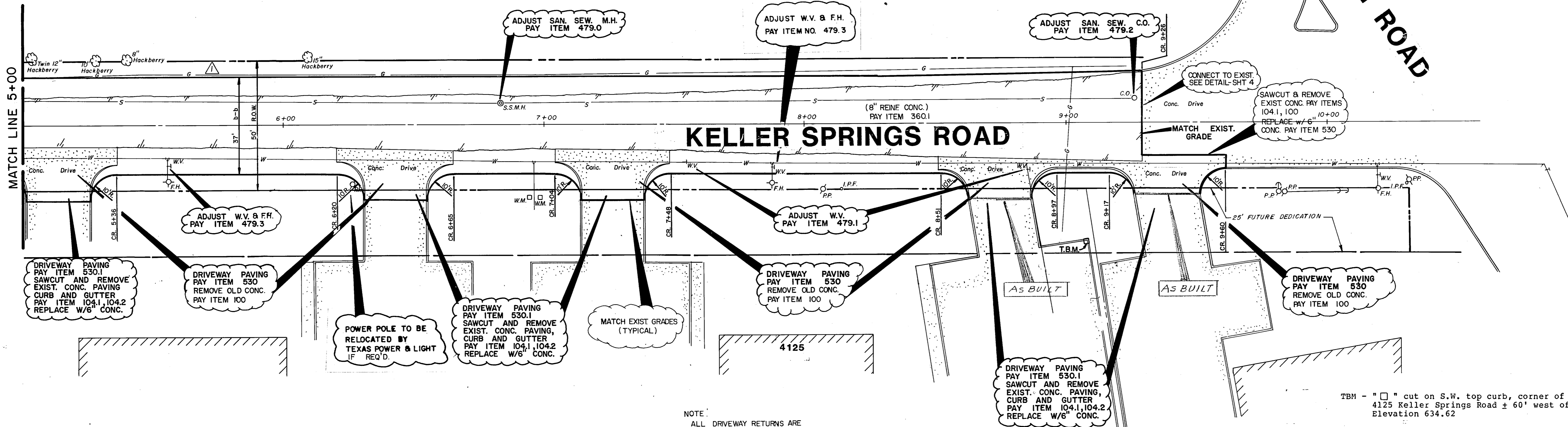
TBM - " " cut on S.W. top curb, corner of parking lot, 4125 Keller Springs Road ± 60' west of Midway Place sign. Elevation 634.62



Added Exist. Gas Line Location		RLO	8/18/86
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
KELLER SPRINGS ROAD PLAN			
PAVING 0+37.54 TO 5+00 & PROFILE			
GINN, INC.			
Consulting Engineers Dallas, Texas			
Designed - GF/JR	Drawn - RLO	Date - DECEMBER, 1985	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1"=20'H/1"=5'V	Sheet 7 of 30

MIDWAY ROAD

KELLER SPRINGS ROAD

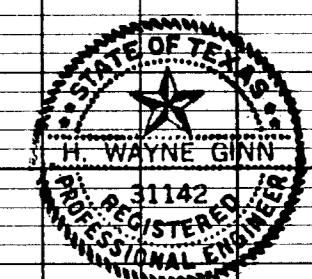
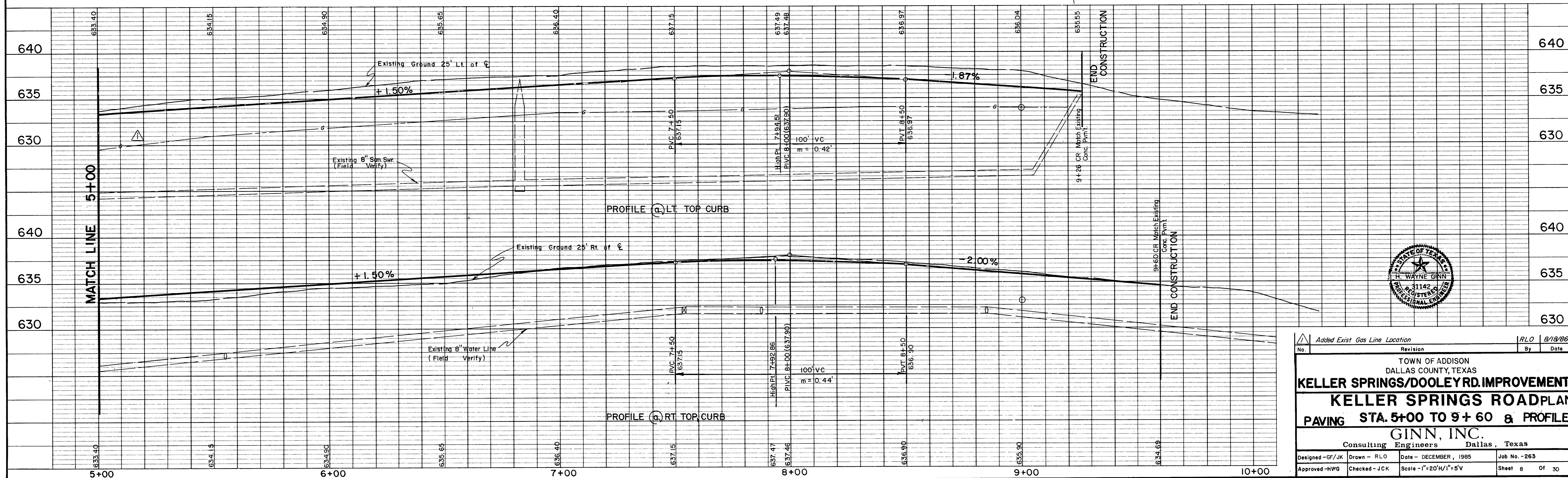


NOTE:
ALL DRIVEWAY RETURNS ARE
MIN. 3.5' BEHIND R/W

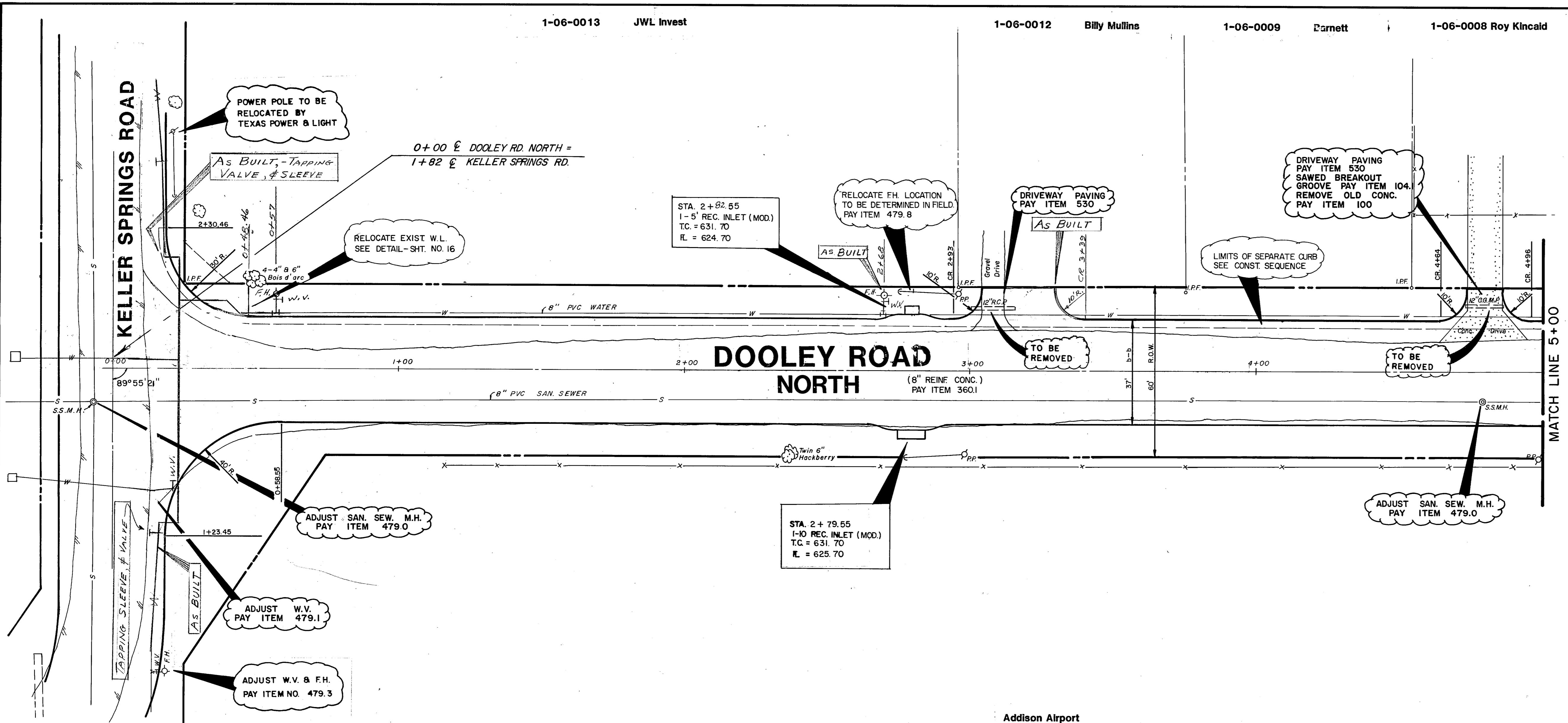
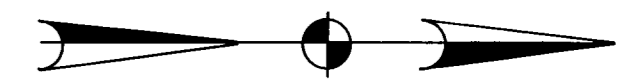
TBM - "□" cut on S.W. top curb, corner of parking lot,
4125 Keller Springs Road ± 60' west of Midway Place sign.
Elevation 634.62

1-06-0022 C.B. Institutional Fund VII

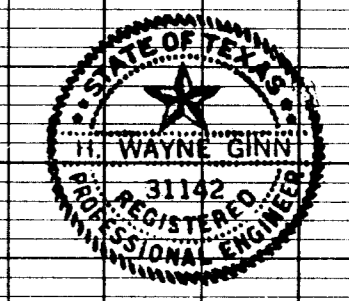
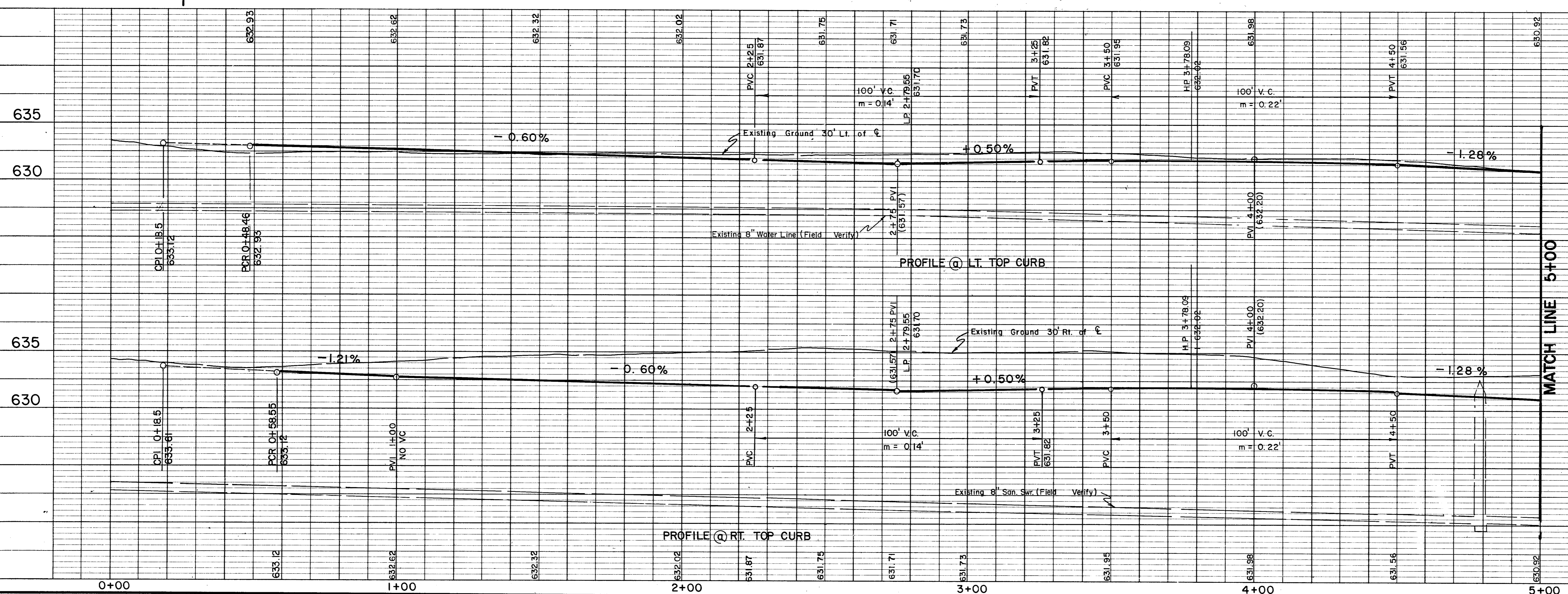
1-06-0035 JWJ Investments



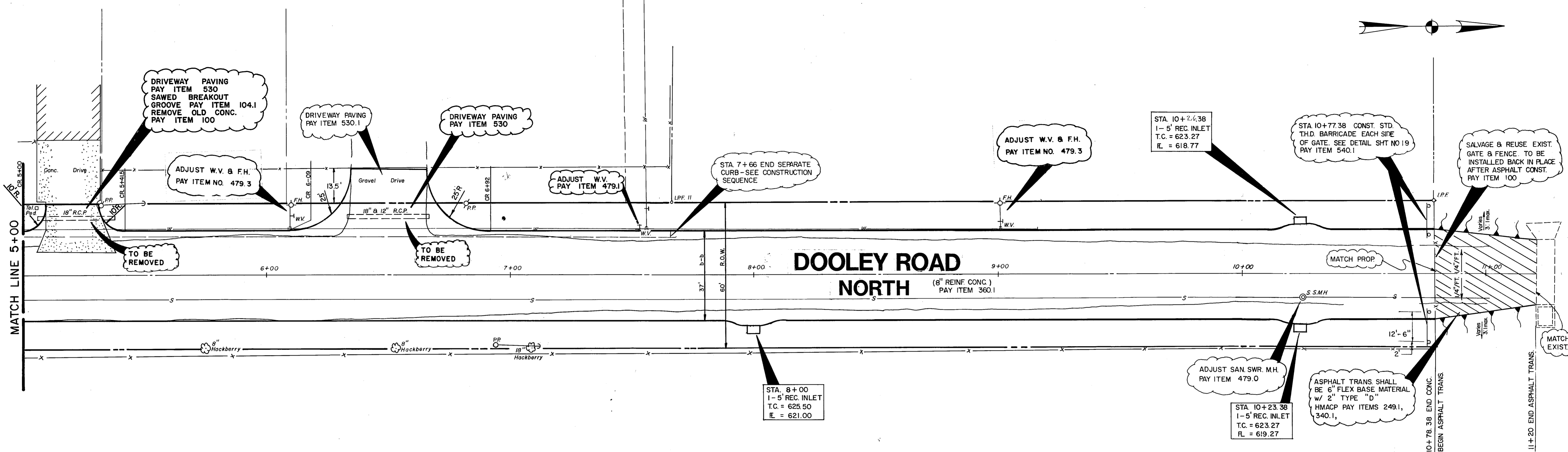
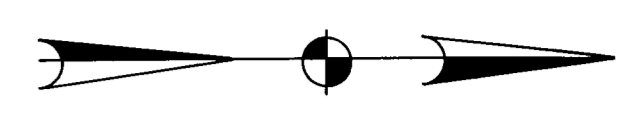
Added Exist Gas Line Location		RLO	8/18/86
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
KELLER SPRINGS ROAD PLAN			
PAVING STA. 5+00 TO 9+60 & PROFILE			
GINN, INC.			
Consulting Engineers Dallas, Texas			
Designed - GF/JK	Drawn - RLO	Date - DECEMBER, 1985	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1"=20'H/1"=5'V	Sheet 8 of 30



TBM - "□" cut on N.W. top curb, corner of parking lot, Building 15950 Midway Road, Elevation 634.57

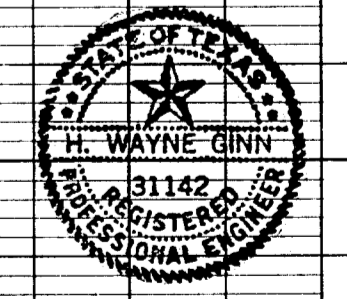
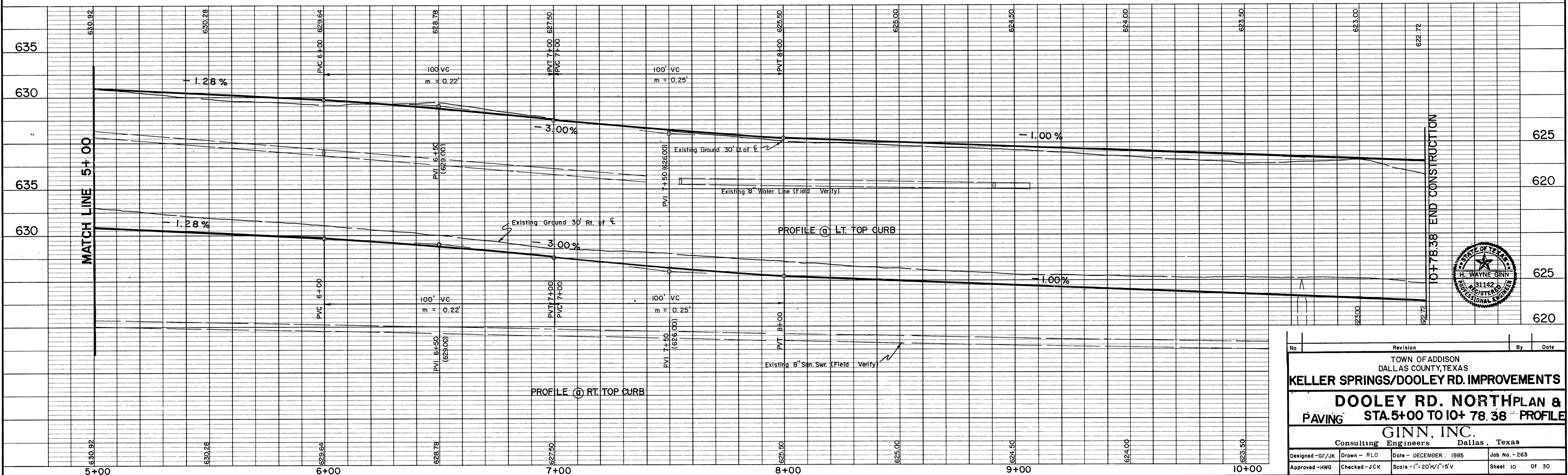


No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS DOOLEY RD. NORTH PLAN & PAVING STA. 0+00 TO 5+00 PROFILE GINN, INC. Consulting Engineers Dallas, Texas			
Designed - GF/JK	Drawn - RLO	Date - DECEMBER, 1985	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1"=20'H/1"=5'V	Sheet 9 Of 30



TBM - " " cut on N.W. top curb, corner of parking lot, Building 15950 Midway Road. Elevation 634.57

Addison Airport

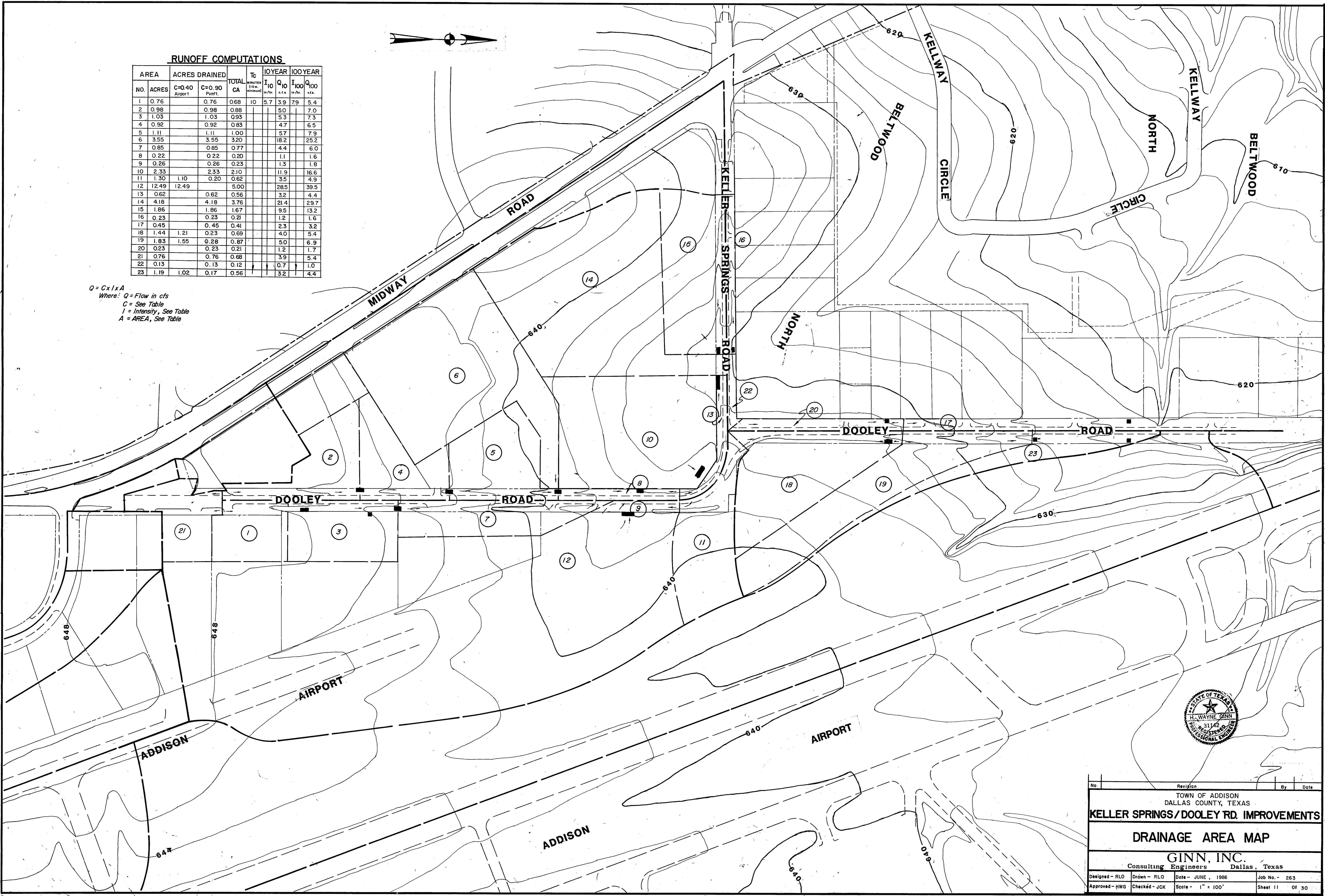


No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS DOOLEY RD. NORTH PLAN & PAVING STA. 5+00 TO 10+78.38 PROFILE GINN, INC. Consulting Engineers Dallas, Texas			
Designed - GF/JK	Drawn - RLO	Date - DECEMBER 1985	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1" = 20'H / 1" = 5'V	Sheet 10 of 30

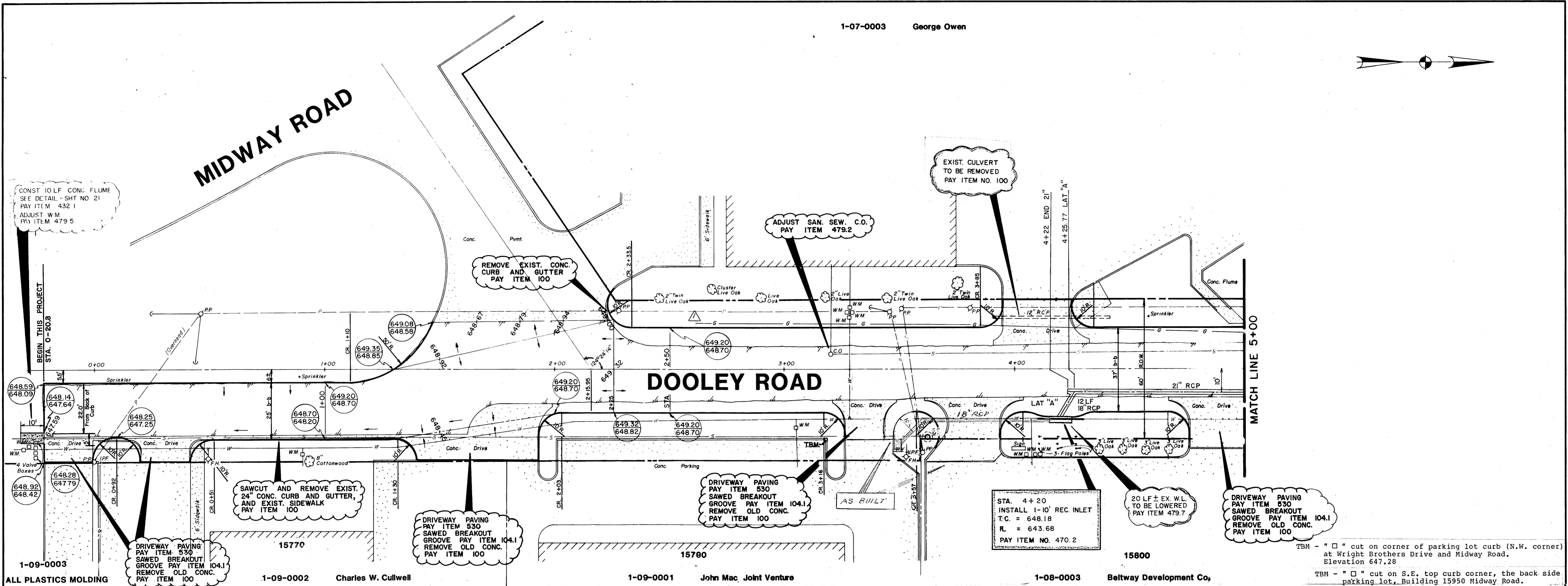
RUNOFF COMPUTATIONS

NO.	AREA ACRES	ACRES DRAINED		TOTAL CA	Tc MINUTES (10-min. storm)	10 YEAR		100 YEAR	
		C=0.40 Airport	C=0.90 Paved			I ₁₀ in/hr	Q ₁₀ cfs	I ₁₀₀ in/hr	Q ₁₀₀ cfs
1	0.76		0.76	0.68	10	5.7	3.9	7.9	5.4
2	0.98		0.98	0.88			5.0		7.0
3	1.03		1.03	0.93			5.3		7.3
4	0.92		0.92	0.83			4.7		6.5
5	1.11		1.11	1.00			5.7		7.9
6	3.55		3.55	3.20			18.2		25.2
7	0.85		0.85	0.77			4.4		6.0
8	0.22		0.22	0.20			1.1		1.6
9	0.26		0.26	0.23			1.3		1.8
10	2.33		2.33	2.10			11.9		16.6
11	1.30	1.10	0.20	0.62			3.5		4.9
12	12.49	12.49		5.00			28.5		39.5
13	0.62		0.62	0.56			3.2		4.4
14	4.18		4.18	3.76			21.4		29.7
15	1.86		1.86	1.67			9.5		13.2
16	0.23		0.23	0.21			1.2		1.6
17	0.45		0.45	0.41			2.3		3.2
18	1.44	1.21	0.23	0.69			4.0		5.4
19	1.83	1.55	0.28	0.87			5.0		6.9
20	0.23		0.23	0.21			1.2		1.7
21	0.76		0.76	0.68			3.9		5.4
22	0.13		0.13	0.12			0.7		1.0
23	1.19	1.02	0.17	0.56			3.2		4.4

Q = C x I x A
 Where: Q = Flow in cfs
 C = See Table
 I = Intensity, See Table
 A = AREA, See Table

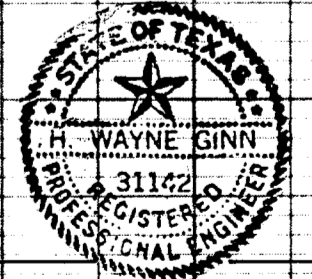
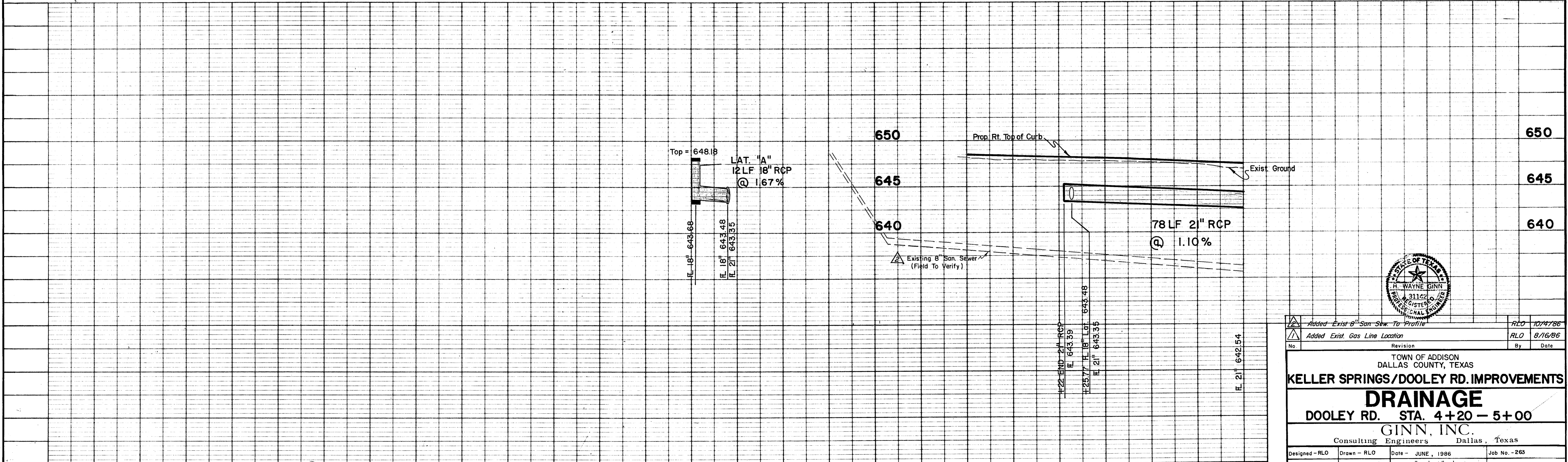


No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS / DOOLEY RD. IMPROVEMENTS			
DRAINAGE AREA MAP			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - RLO	Drawn - RLO	Date - JUNE, 1986	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1" = 100'	Sheet 11 of 30

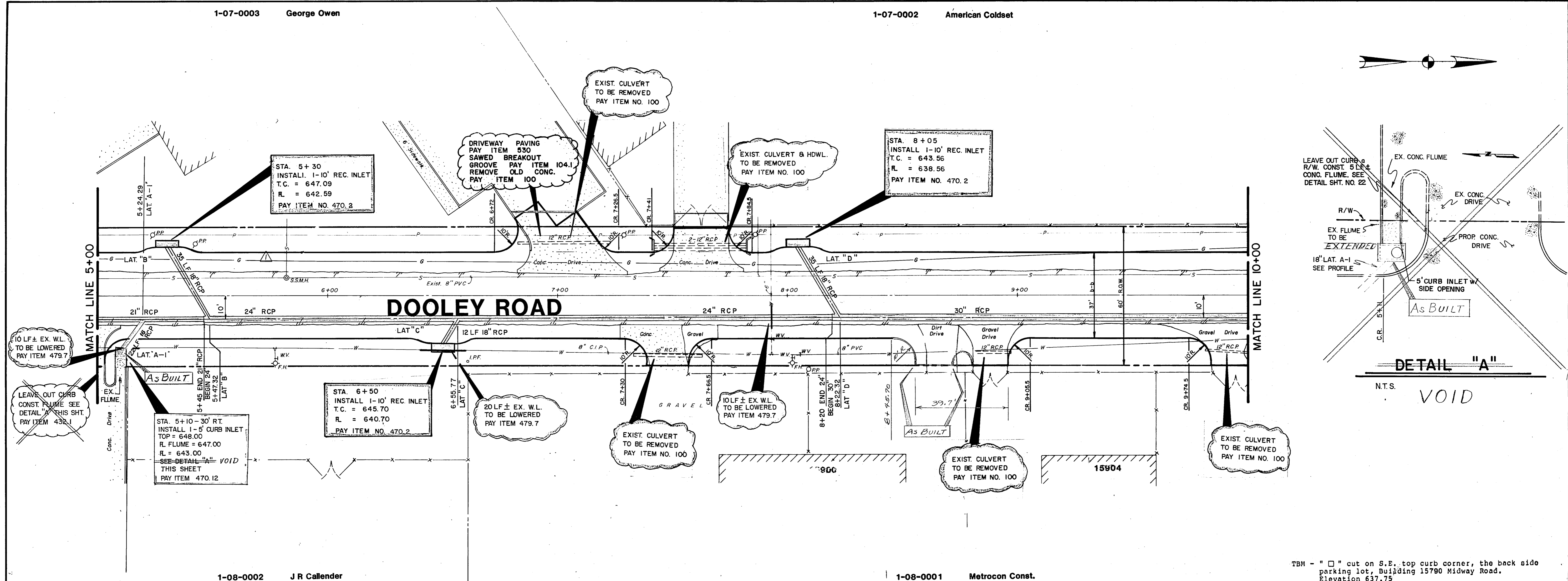


1-09-0003 ALL PLASTICS MOLDING
 1-09-0002 Charles W. Cullwell
 1-09-0001 John Mac Joint Venture
 1-08-0003 Beltway Development Co.

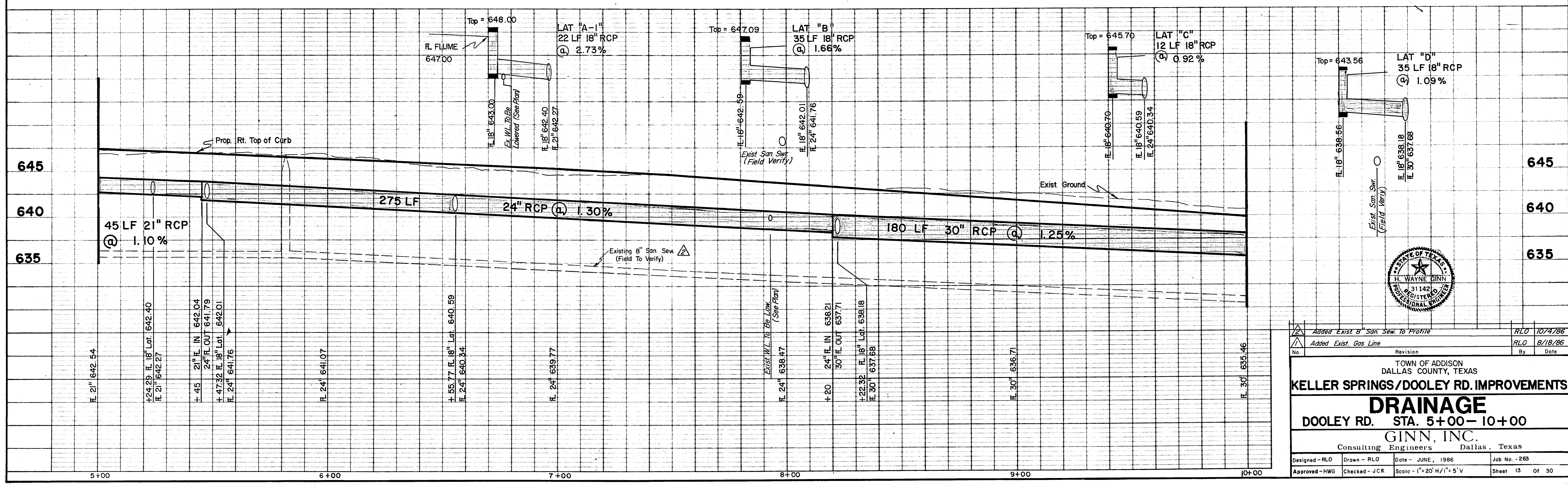
TBM - "□" cut on corner of parking lot curb (N.W. corner) at Wright Brothers Drive and Midway Road. Elevation 647.28
 TBM - "□" cut on S.E. top curb corner, the back side parking lot, Building 15950 Midway Road. Elevation 637.75



Added - Exist 6" San Sew. To Profile	RLO	10/17/86
Added - Exist. Gas Line Location	RLO	8/16/86
No. Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS		
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS		
DRAINAGE		
DOOLEY RD. STA. 4+20 - 5+00		
GINN, INC. Consulting Engineers Dallas, Texas		
Designed - RLO	Drawn - RLO	Date - JUNE, 1986
Approved - HWG	Checked - JCK	Scale - 1" = 20' H/1" = 5' V
		Job No. - 263
		Sheet 12 Of 30

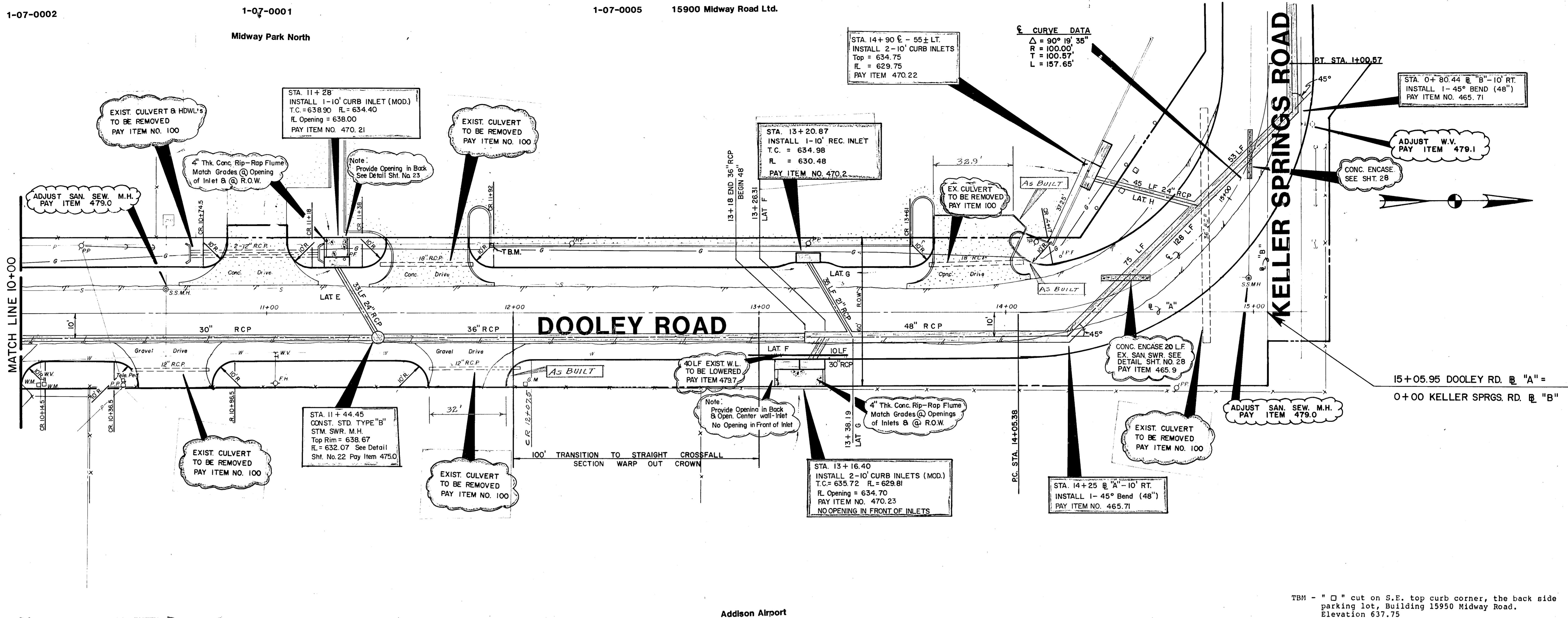


TBM - " " cut on S.E. top curb corner, the back side parking lot, Building 15790 Midway Road. Elevation 637.75



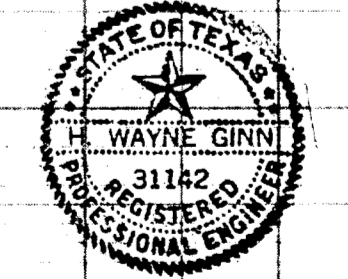
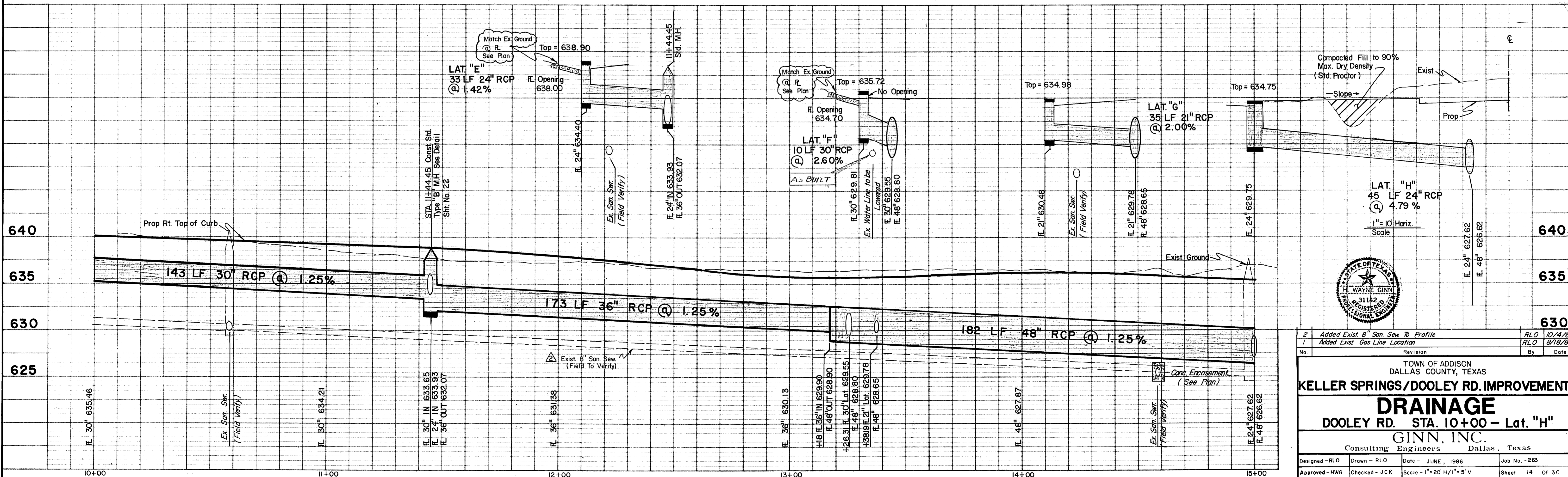
Added Exist. San. Sew. to Profile	RLO	10/7/86
Added Exist. Gas Line	RLO	8/18/86
Revision		
By Date		
TOWN OF ADDISON DALLAS COUNTY, TEXAS		
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS		
DRAINAGE		
DOOLEY RD. STA. 5+00-10+00		
GINN, INC.		
Consulting Engineers Dallas, Texas		
Designed - RLO	Drawn - RLO	Date - JUNE, 1986
Approved - HWG	Checked - JCK	Scale - 1" = 20' H/1" = 5' V
Job No. - 263		Sheet 13 Of 30

Midway Park North

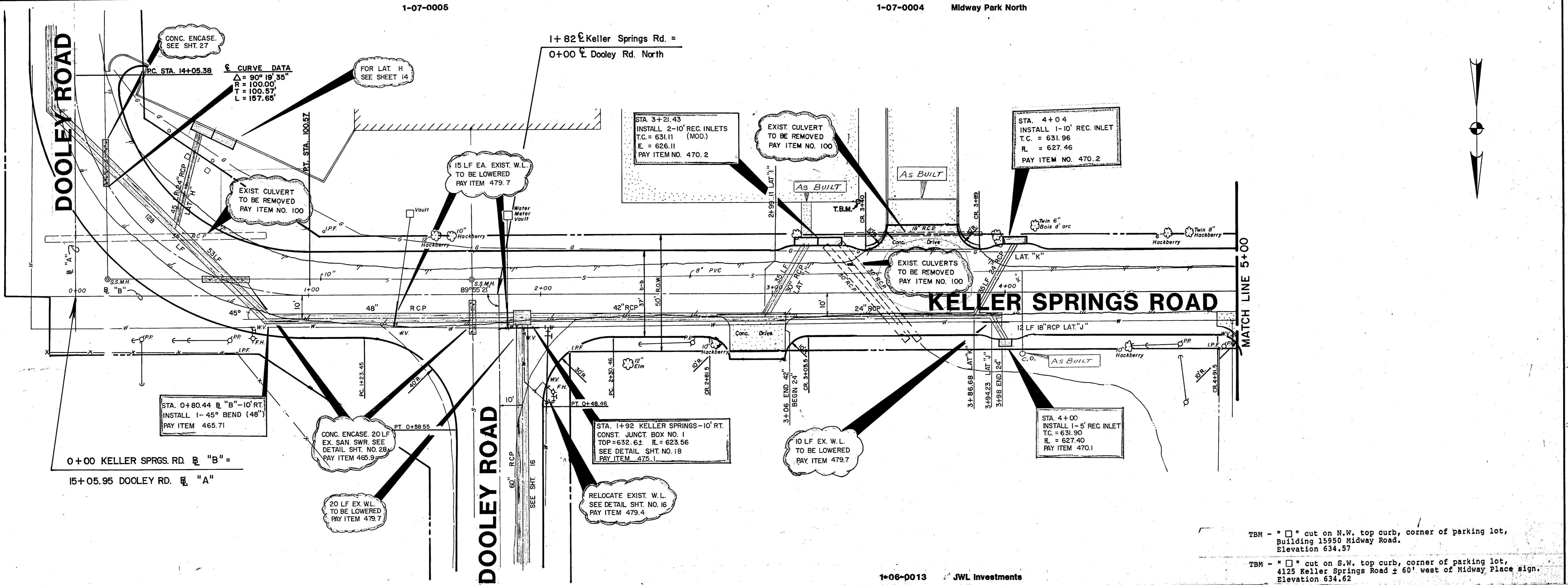


TBM - "□" cut on S.E. top curb corner, the back side parking lot, Building 15950 Midway Road. Elevation 637.75

Addison Airport



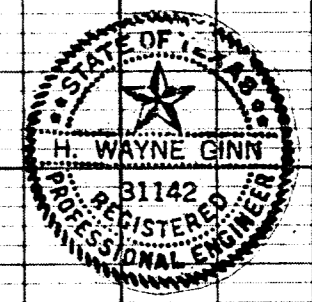
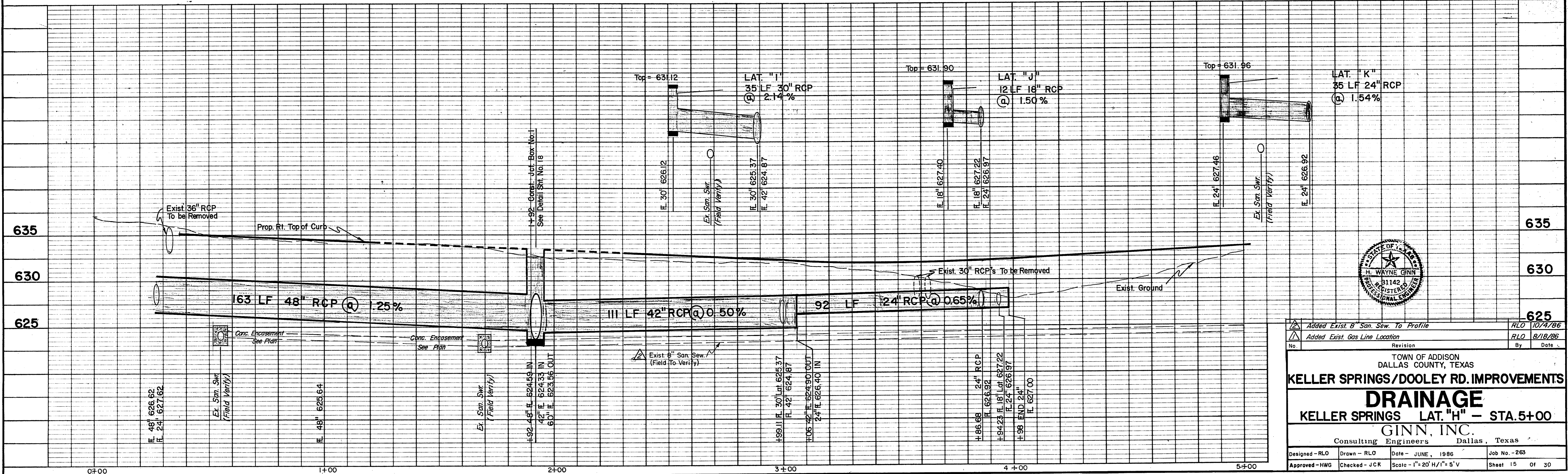
2	Added Exist. 8" San Sew. To Profile	RLO	10/4/86
7	Added Exist. Gas Line Location	RLO	8/18/86
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS DRAINAGE DOOLEY RD. STA. 10+00 - Lat. "H" GINN, INC. Consulting Engineers Dallas, Texas			
Designed - RLO	Drawn - RLO	Date - JUNE, 1986	Job No. - 263
Approved - HWG	Checked - JCK	Scale - 1" = 20' H / 1" = 5' V	Sheet 14 OF 30



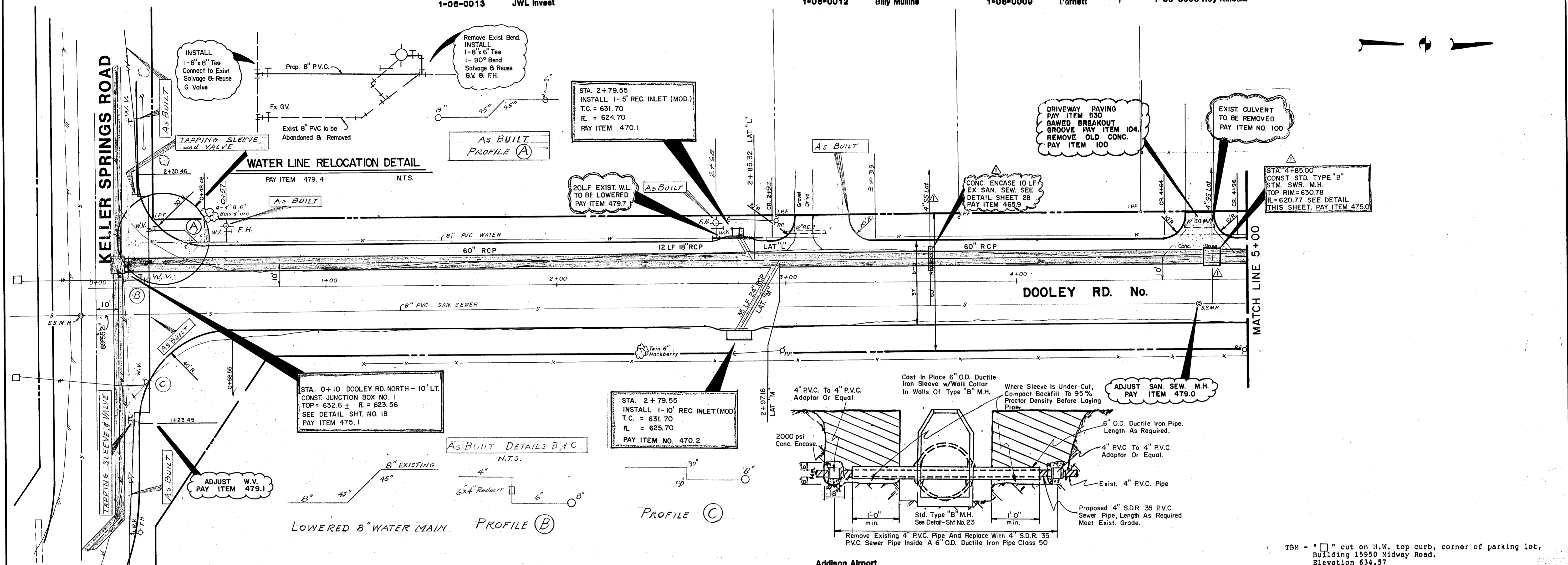
TBM - " " cut on N.W. top curb, corner of parking lot, Building 15950 Midway Road. Elevation 634.57

TBM - " " cut on S.W. top curb, corner of parking lot, 4125 Keller Springs Road ± 60' west of Midway Place sign. Elevation 634.62

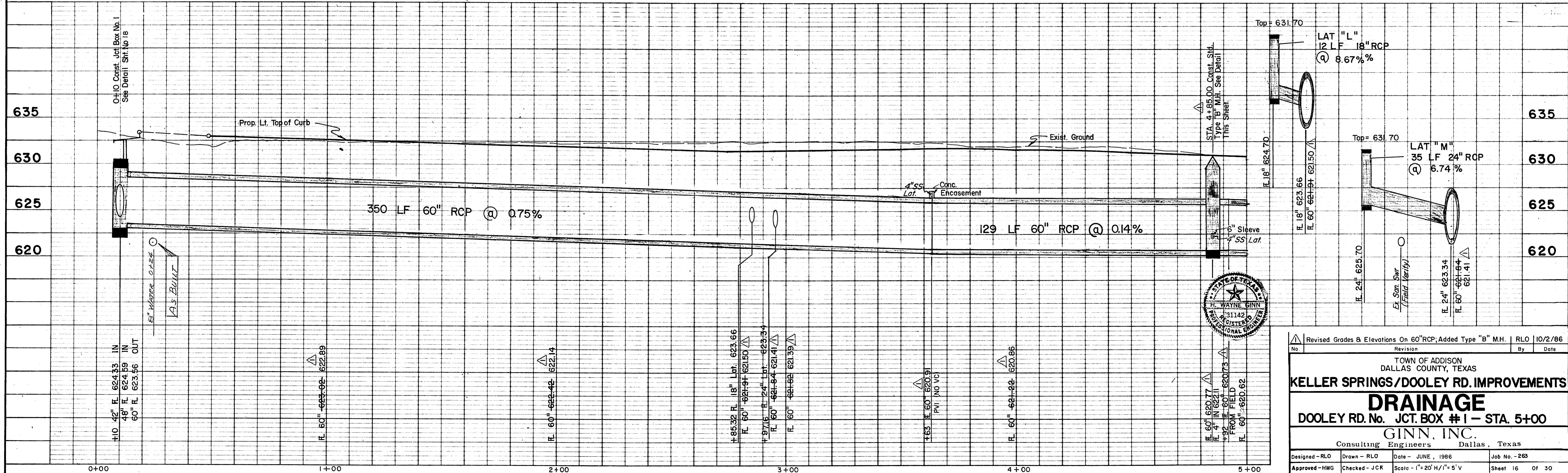
1-06-0013 JWL Investments



Added Exist. B' San Sew. To Profile		RLO 10/4/86
Added Exist. Gas Line Location		RLO 8/18/86
No.	Revision	By Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS DRAINAGE KELLER SPRINGS LAT. "H" - STA. 5+00 GINN, INC. Consulting Engineers Dallas, Texas		
Designed - RLO	Drawn - RLO	Date - JUNE, 1986
Approved - HWG	Checked - JCK	Scale - 1" = 20' H / 1" = 5' V
		Job No. - 263
		Sheet 15 of 30



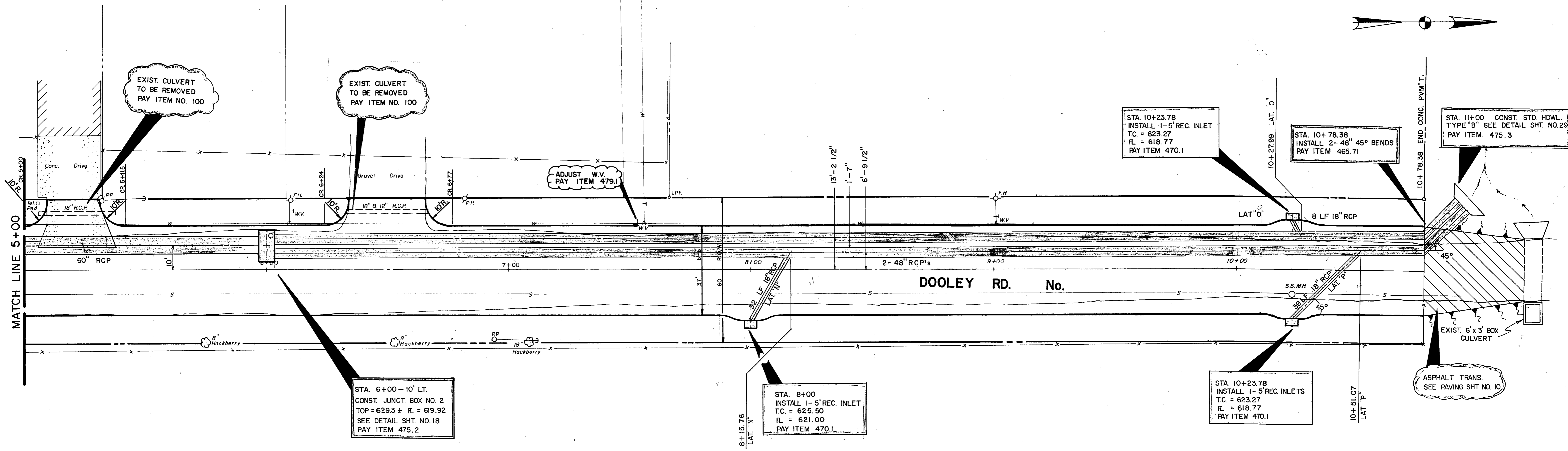
TBM - " " cut on N.W. top curb, corner of parking lot, Building 15950 Midway Road. Elevation 634.57



Revised Grades & Elevations On 60" RCP; Added Type "B" M.H. RLO 10/2/86

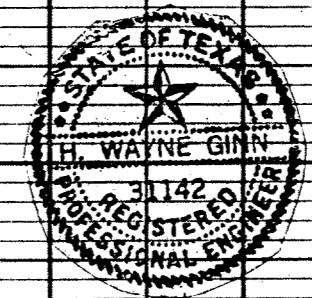
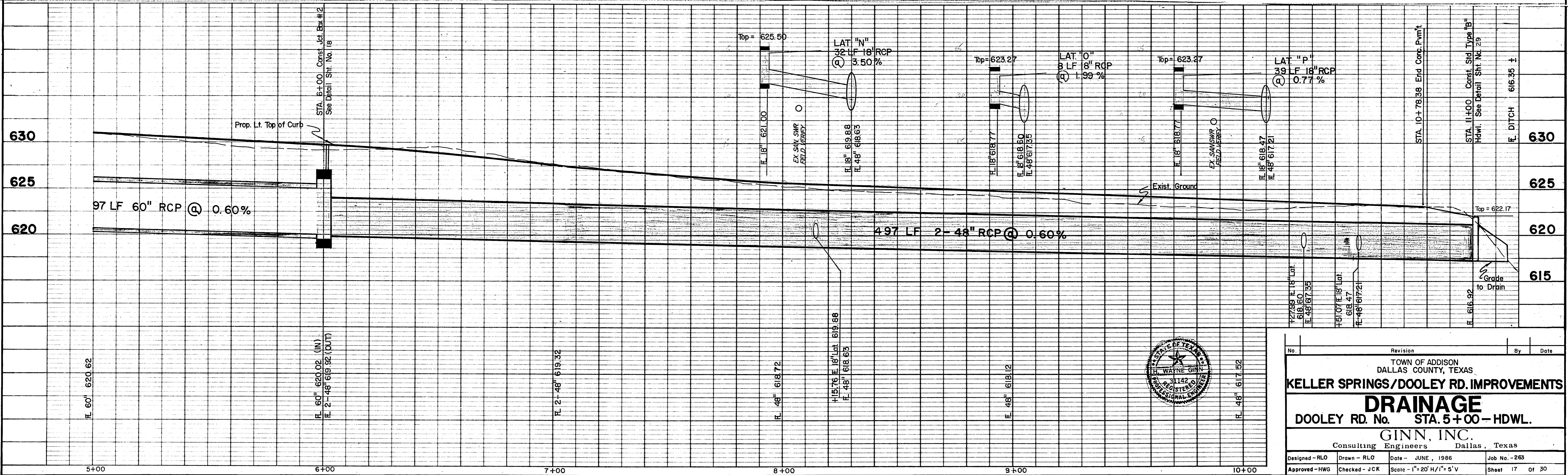
TOWN OF ADDISON
 DALLAS COUNTY, TEXAS
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS
DRAINAGE
 DOOLEY RD. No. JCT. BOX #1 - STA. 5+00
 GINN, INC.
 Consulting Engineers Dallas, Texas

Designed - RLO Drawn - RLO Date - JUNE, 1986 Job No. - 265
 Approved - HWG Checked - JCK Scale - 1" = 20' H/1" = 5' V Sheet 16 OF 30



TBM - "□" cut on N.W. top curb, corner of parking lot, Building 15950 Midway Road. Elevation 634.57

Addison Airport



No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
KELLER SPRINGS/DOOLEY RD. IMPROVEMENTS			
DRAINAGE			
DOOLEY RD. No. STA. 5+00 - HDWL.			
GINN, INC.			
Consulting Engineers Dallas, Texas			
Designed - RLO	Drawn - RLO	Date - JUNE, 1986	Job No. - 263
Approved - HWG	Checked - JCR	Scale - 1" = 20' H/1" = 5' V	Sheet 17 Of 30