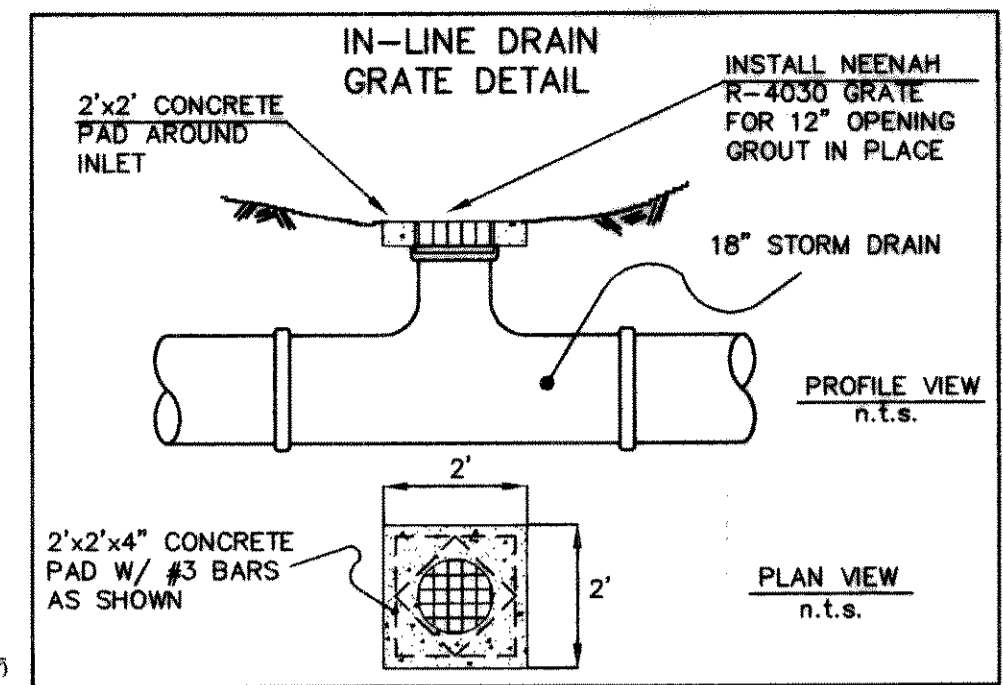


PAVING CURVE TABLE

CURVE	RADIUS	DELTA	TANGENT	LENGTH	CHORD	BEARING
C-1	300.00'	19°31'27"	51.61'	102.23'	101.73'	N09°26'31"E

STORM CURVE TABLE

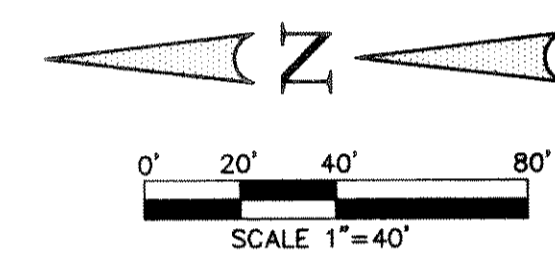
CURVE	RADIUS	DELTA	TANGENT	LENGTH	CHORD	BEARING
CV-1	300.00'	16°55'14"	44.62'	88.60'	88.27'	N08°08'25"E
CV-2	50.00'	31°36'06"	14.15'	27.58'	27.23'	N71°15'46"W



PAVING TANGENT TABLE

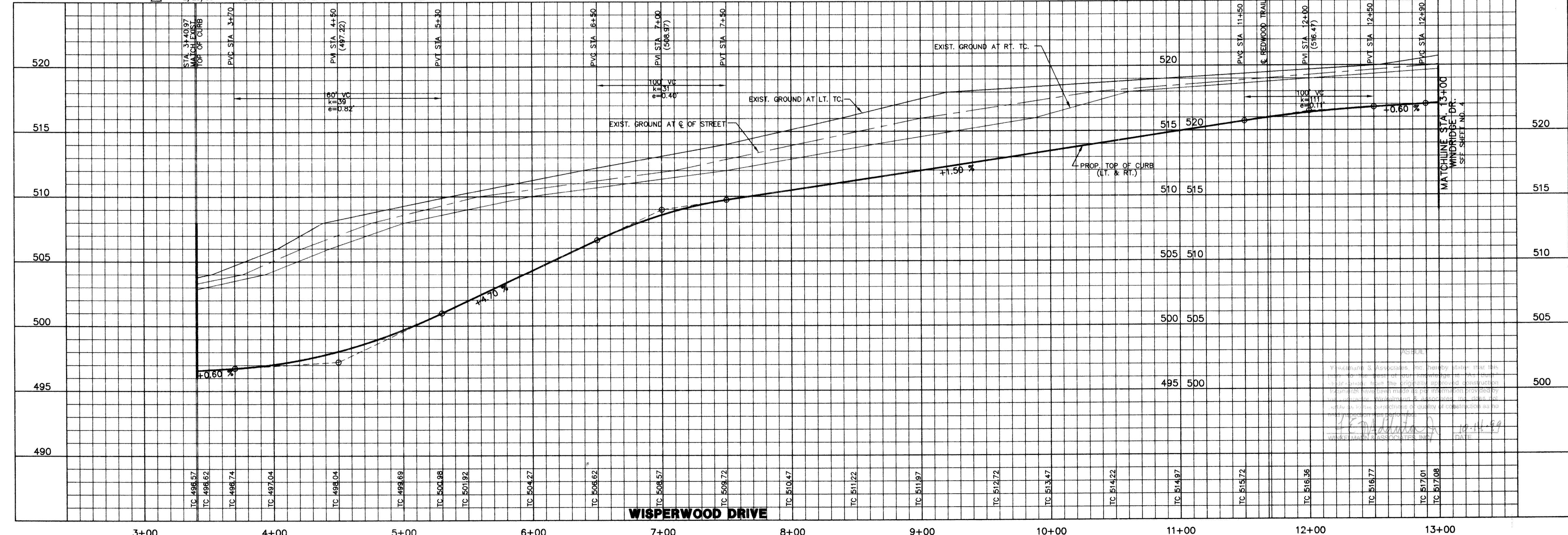
TANGENT	BEARING	LENGTH
T1	S00°19'12"E	856.80'

- LEGEND**
- TP TOP OF PAVING
 - TC TOP OF CURB
 - INV INVERT
 - VG VALLEY GUTTER
 - CR CURB RETURN
 - 2' STREET STATION
 - 1' EXIST. PAVEMENT
 - ⊙ STORM STATION



BENCHMARK:
PK NAIL IN E OF CARUTH LANE & ALLEY INTERSECTION 150'± EAST OF MORNINGSTAR DRIVE. ELEV. 491.68

BENCHMARK:
"X" CHISELED IN E OF ALLEY EAST OF MORNINGSTAR DRIVE WITHIN 3RD LOT NORTH OF MIDNIGHT PASS. ELEV. 513.26



Winkelman & Associates, Inc.
CONSULTING CIVIL ENGINEERS & SURVEYORS
13800 Wilshire Road, Suite 200
Dallas, Texas 75240
(972) 482-7900
(972) 482-7909 FAX

CARUTH LANE PHASE FIVE NO. 146
S.B. JONES SURVEY, ABSTRACT NO. 122
ROCKWALL COUNTY, TEXAS
LUMBERMAN'S INVESTMENT CORPORATION
5485 BELTLINE ROAD, SUITE 225
DALLAS, TEXAS 75240

PAVING & DRAINAGE PLAN / PAVING PROFILE
WISPERWOOD DR. STA. 3+40.97 TO STA. 13+00
DRAINAGE PLAN LINE '9' STA. 0+00.00
DRAINAGE PLAN TO STA. 10+00

Scale: 1"=40' Date: 01/02/98
Designed By: RB
Drawn By: MK
Checked By: F.E.M.
File: 14633P39.DWG
Project No.: 14633.01

ASSURE
Winkelman & Associates, Inc. hereby states that this plan was prepared by the duly licensed and registered professional engineers and surveyors named herein and that the design and construction of the project shown hereon are in accordance with the requirements of the State of Texas and the City of Rockwall, Texas. The undersigned hereby certifies that the design and construction of the project shown hereon are in accordance with the requirements of the State of Texas and the City of Rockwall, Texas.

DATE: 10/11/99

SHEET
3
31