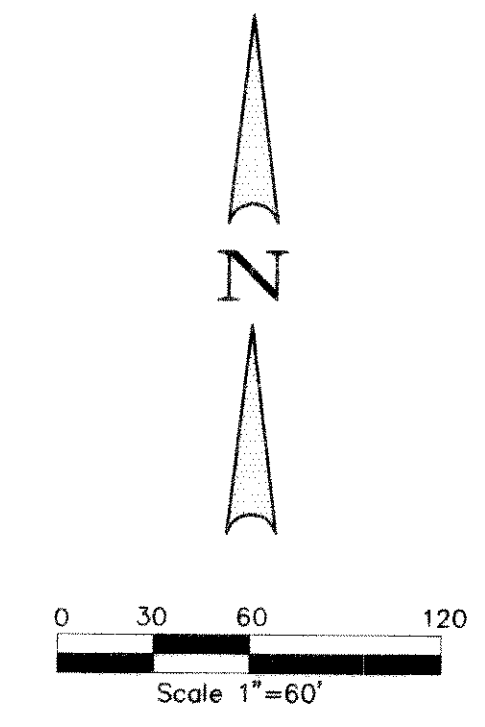


NOTE:  
1. SANITARY SEWER LOCATED 7' BACK OF CURB.



STA. 0+00 LINE "A"=  
STA. 16+57.21 CARUTH LANE.  
SEE CARUTH LAKE, PHASE 4  
CONSTRUCTION PLANS PREPARED  
BY WINKELMANN & ASSOCIATES, INC.  
FOR SANITARY SEWER LINE "A"  
CONTINUATION.

STA. 2+29.00 LINE "A"=  
STA. 18+86.21 CARUTH LANE  
CONST. 5' DIA. M.H.  
CONST. 8" SANITARY SEWER  
STUBOUT TO THE WEST ON  
3.50% GRADE.

NOTE: EXISTING 15" SANITARY  
SEWER TO BE ABANDONED  
UPON COMPLETION OF NEW 27"  
SANITARY SEWER IN CARUTH LANE

STA. 7+47.99 LINE "A"=  
STA. 24+01.21 CARUTH LANE  
CONST. 5' DIA. M.H.  
CONST. 8" SANITARY SEWER  
STUBOUT TO THE WEST ON  
0.35% GRADE.

SANITARY SEWER CURVE DATA

CURVE	RADIUS	DELTA	TANGENT	LENGTH	CHORD	BEARING
C-2	779.50'	07°45'00"	52.80'	105.44'	105.36'	S44°08'30"E
C-3	529.50'	14°28'00"	67.20'	133.69'	133.34'	S33°02'00"E

APPROVED

REVISION

DATE

No.

Winkelman & Associates, Inc.  
CONSULTING CIVIL ENGINEERS & ARCHITECTS  
12800 HILLCREST ROAD, SUITE 200  
DALLAS, TEXAS 75240  
(214) 460-1998 FAX

CARUTH LAKE PHASE FIVE  
M.B. JONES SUBDIVISION TRACT NO. 122  
ROCKWALL COUNTY, TEXAS  
LUMBERMEN'S INVESTMENT CORPORATION  
5485 BELTLINE ROAD, SUITE 225  
DALLAS, TEXAS 75240

27" SANITARY SEWER PLAN

AS BUILT

Winkelman & Associates, Inc. hereby states that this plan, to the best of our knowledge is "As Built" and reflects true and correct construction as per information provided by the contractor. Winkelman & Associates, Inc. does not warrant the correctness or quality of construction as no field inspection was performed.

*J.E. Middleton*  
J.E. MIDDLETON  
8/21/97

Scale : 1" = 60' Date : 5/6/97  
Designed By : R.B./K.G.  
Drawn By : R.B./K.G.  
Checked By : F.E.M.  
File : 14653\WK1.DWG  
Project No. : 1465301