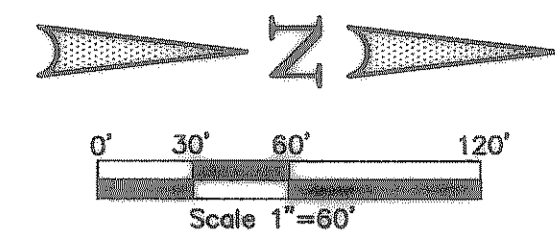


16" WATER LINE CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	BEARING
WTC-102	17.21	572.00	1'43'25"	8.60	17.21	S01'21'26"E

SANITARY SEWER CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	BEARING
SSC20	61.56'	230.50'	15'18'07"	30.96'	61.38'	N08'08'47"W
SSC21	323.45'	903.00'	20'31'22"	163.47'	321.72'	N09'45'58"E
SSC22	58.24'	250.00'	13'34'34"	29.76'	59.10'	S13'14'22"W
SSC23	203.24'	798.00'	14'35'33"	102.17'	202.69'	N84'20'48"W
SSC25	162.83'	619.50'	15'03'34"	81.89'	162.36'	N75'55'27"E
SSC26	190.00'	280.50'	38'48'36"	98.81'	186.39'	N58'58'26"W
SSC27	87.94'	280.50'	17'57'48"	44.33'	87.58'	N30'35'14"W
SSC28	182.67'	480.50'	21'46'54"	92.45'	181.57'	N10'42'53"W
SSC31	61.07'	627.50'	7'24'07"	40.59'	61.01'	S04'11'47"E
SSC32	73.96'	572.50'	7'24'07"	37.03'	73.91'	N04'11'47"W
SSC33	646.12'	572.50'	64'39'48"	362.36'	612.37'	N31'50'11"E
SSC50	6.61'	600.00'	0'37'52"	3.30'	6.61'	S00'48'39"E
SSC51	70.90'	600.00'	6'46'15"	35.49'	70.86'	S04'30'43"E
SSC52	77.51'	600.00'	7'24'07"	38.81'	77.46'	N04'11'47"W
SSC53	106.12'	200.00'	30'24'06"	54.34'	104.88'	N14'42'20"E
SSC54	132.04'	627.50'	12'03'22"	66.26'	131.80'	S58'08'24"W



Winkelmann & Associates, Inc.
CONSULTING CIVIL ENGINEERS & SURVEYORS
6700 WILLOW PLAZA DRIVE, SUITE 100
DALLAS, TEXAS 75241
(972) 482-7999 FAX
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APPROVAL: _____
REVISION: _____
DATE: _____
NO. _____

THESE CONSTRUCTION PLANS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I AM A DULY LICENSED PROFESSIONAL ENGINEER NO. 87776.

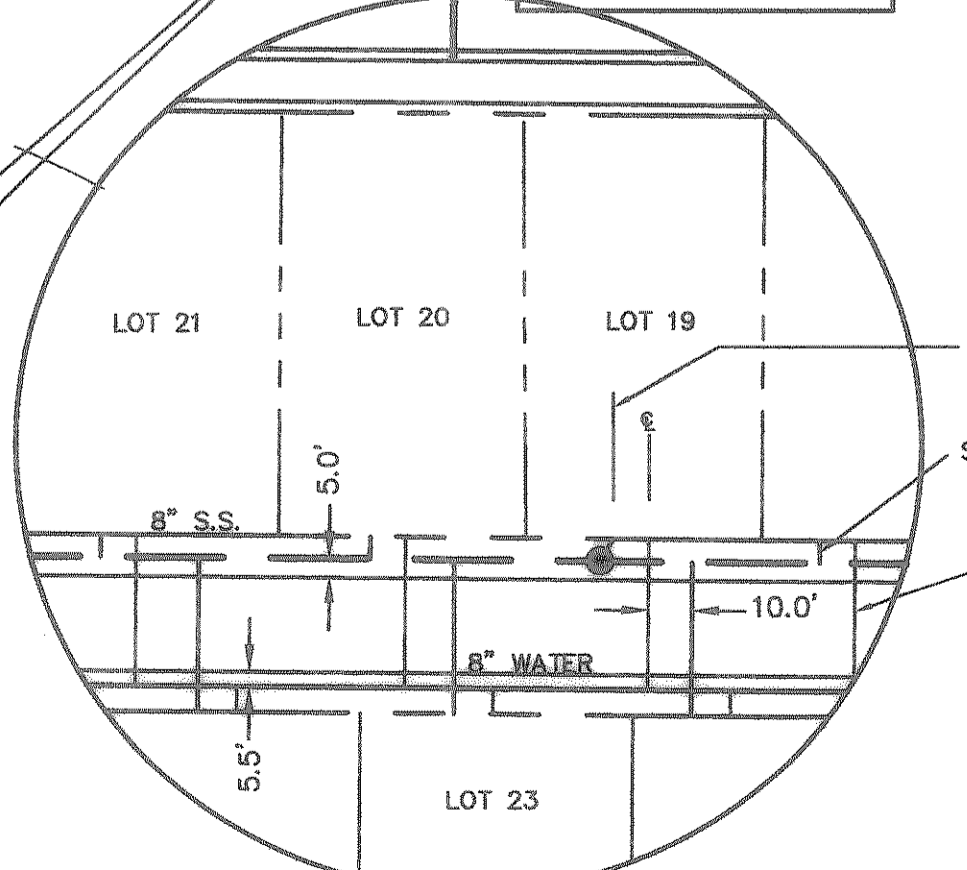
JOHN M. GLASS SURVEY ABSTRACT NO. 86
CITY OF ROCKWALL, TEXAS
ROCKWALL COUNTY, TEXAS
D R HORTON
4306 MILLER ROAD, SUITE A
ROWLETT, TEXAS 75088
214-607-4244

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ME, NAIM UDDIN KHAN, P.E. #87776

WATER & SANITARY SEWER PLAN

Scale: 1"=60'
Date: 08/25/06
Designed By: IT
Drawn By: IT
Checked By: NK
File: 40709NS.DWG
View: WS2
Project No.: 40709.00

SHEET 33 OF 45



AS BUILT
To the best of our knowledge "Winkelmann and Associates, Inc." hereby states that this plan is "As-Built". The information is based on surveying conducted at the site and modification information provided by "the Contractor".

Naim Uddin Khan 9/25/07
WINKELMANN & ASSOCIATES, INC. DATE

BENCHMARK 1 USGS Monument—stamped Boren 1986
Located approximately 1.25 miles east of Rockwall at the Rockwall Municipal Airport in the north end of a circular grass area at the end of a taxiway.
ELEVATION = 514.11

BENCHMARK 2 USGS Monument—5" cap stamped N 1485/1986
Located 24.8 feet west of the center of a paved road leading to the Rockwall Municipal Airport, 16.4 feet south of a utility pole with a transformer and light, 2 feet west of the north leg of a sign. Access to datum point is through a 5 inch logo cap.
ELEVATION = 517.44