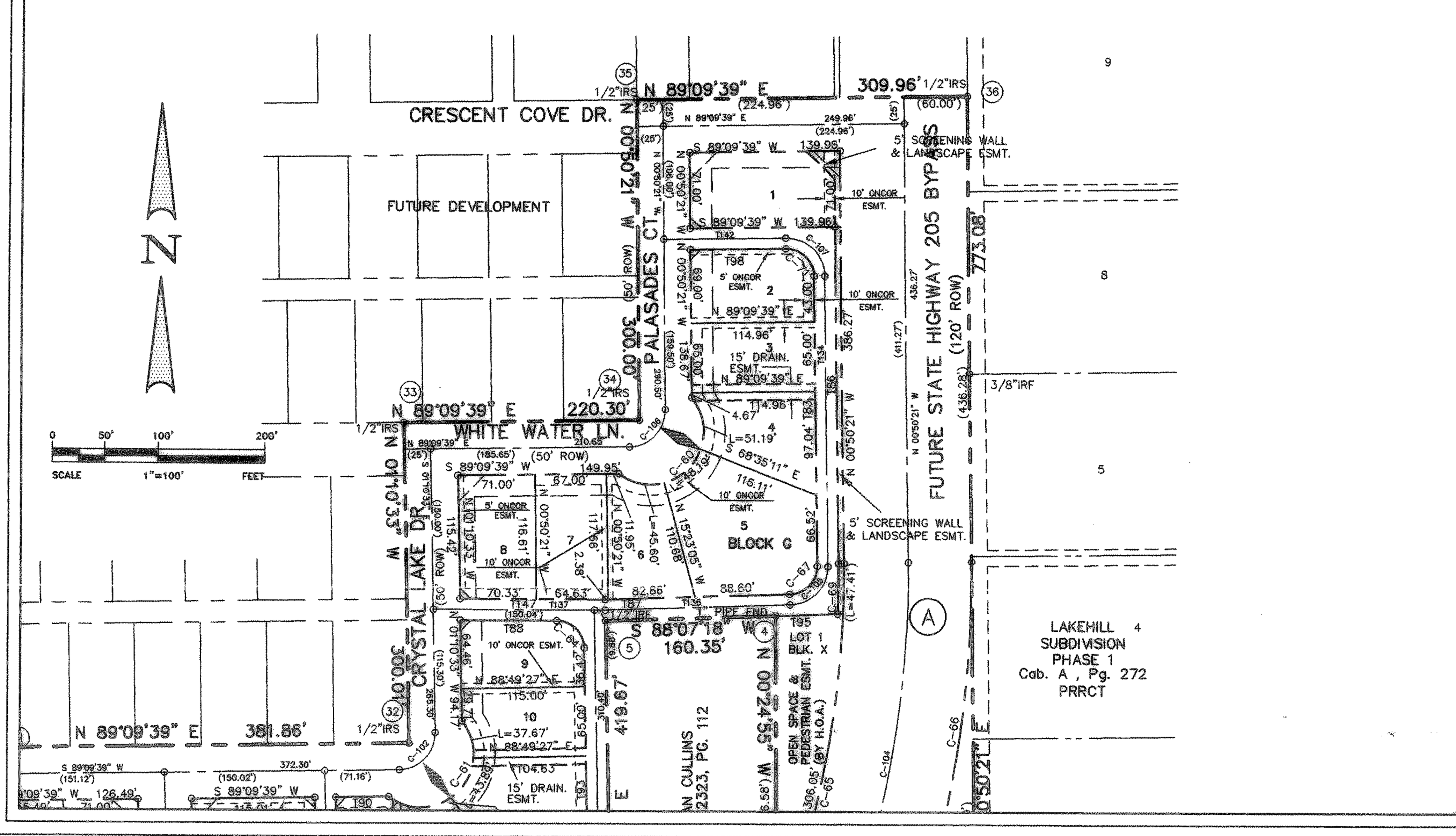
TANGENT	BEARING	LENGTH
T1		
T2		
T3		
T4	N 58°12'11" E	120.00'
T5	N 31°47'49" W	27.47'
T6	N 58°12'11" E	115.00'
T7	S 31°47'49" E	20.32'
T8	N 31°47'49" W	72.78'
T9	S 31°47'49" E	28.77'
T10	N 58°12'11" E	50.00'
T11		
T12		
T13		
T14		
T15		
T16		
T17		
T18		
T19		
T20		
T21	N 01°41'27" W	143.63'
T22		
T23		
T24	S 86°21'00" W	82.61'
T25		
T26		
T27		
T28	S 31°47'49" E	96.02'
T29		
T30		
T31		
T32	S 31°47'49" E	102.16'
T33	S 31°47'49" E	102.16'
T34	S 31°47'49" E	122.48'
T35		
T36		
T37	S 01°41'27" E	1083.82'
T38		
T39		
T40	S 49°09'45" E	280.55'
T41		
T42	N 01°41'27" W	410.46'
T43	N 62°45'51" E	235.47'
T44	S 49°09'45" E	280.55'
T45	S 49°09'45" E	280.55'
T46	N 49°09'45" W	186.24'
T47	N 49°09'45" W	186.24'
T48	S 49°09'45" E	14.16'
T49	S 79°39'07" W	72.02'
T50	S 79°39'07" W	72.02'
T51		
T52	N 79°39'07" E	72.02'
T53	N 79°39'07" E	72.02'
T54	N 01°41'27" W	254.62'
T55		
T56		
T57	S 88°39'26" W	3.44'
T58	S 88°39'26" W	3.20'
T59		
T60		
T61		
T62	N 62°45'51" E	455.25'
T63	N 62°45'51" E	447.20'
T64	N 62°45'51" E	536.75'
T65	N 62°45'51" E	539.03'
T66	N 46°56'06" E	30.24'
T67	N 46°56'06" E	30.24'
T68	S 49°09'45" E	66.97'
T69		
T70		
T71		
T72		
T73	N 01°41'27" W	90.21'
T74	S 89°09'39" W	132.95'
T75	S 89°09'39" W	132.66'
T76		
T77		
T78		
T79	S 89°09'39" W	128.20'
T80	S 89°09'39" W	128.49'
T81		
T82		
T83	S 00°50'21" E	271.56'
T84		
T85		
T86	S 00°50'21" E	315.27'
T87	S 88°07'18" W	173.84'
T88	S 89°52'06" E	89.62'
T89	N 88°32'19" E	182.38'
T90	S 89°09'39" W	50.23'
T91		
T92		
T93	N 01°10'33" W	275.21'
T94	S 88°32'19" W	46.97'
T95	S 88°07'18" W	62.63'
T96		
T97		
T98	S 89°09'39" W	88.96'
T99		
T100		
T101		
T102		
T103	S 00°50'21" E	71.00'
T104		
T105	N 00°50'21" W	50.00'
T106	S 31°47'49" E	122.55'
T107	S 31°47'49" E	122.48'
T108		
T109		
T110		
T111		
T112	S 49°09'45" E	280.55'
T113		
T114		
T115	N 79°39'07" E	72.02'
T116	N 79°39'07" E	72.02'
T117	N 06°22'51" W	25.00'
T118		
T119	S 89°09'39" W	12.25'
T120	N 88°39'26" E	3.32'
T121		
T122	S 46°56'06" W	30.24'
T123		
T124		
T125		
T126		
T127		
T128		
T129	N 89°09'39" E	157.81'
T130		
T131		
T132	N 89°09'39" E	153.35'
T133		
T134	N 00°50'18" W	272.11'
T135		
T136	S 88°07'18" W	174.01'
T137	S 89°52'06" E	159.92'
T138		
T139	S 89°09'39" W	71.17'
T140		
T141		
T142	S 89°09'39" W	113.96'
T143	N 89°09'39" E	185.65'
T144	N 89°09'39" E	25.00'
T147	S 89°52'06" E	134.96'
T150	N 00°50'21" W	25.00'



CURVE TABLE

CURVE	DELTA	RADIUS	TANGENT	LENGTH	CHORD	BEARING
C-1	26°23'48"	925.00'	216.93'	426.15'	422.40'	N75°57'45"E
C-2	13°24'37"	358.39'	42.13'	83.88'	83.69'	N31°54'11"E
C-3	16°57'23"	358.39'	53.42'	106.06'	105.68'	N77°52'18"E
C-4	09°48'07"	925.00'	79.32'	158.24'	158.05'	N36°41'52"W
C-5	43°01'04"	225.00'	88.67'	168.93'	164.99'	N27°39'13"W
C-6	70°46'29"	175.00'	124.31'	216.17'	202.69'	N13°46'31"W
C-7	14°17'07"	225.00'	28.20'	56.10'	55.95'	N39°47'32"E
C-8	06°23'27"	1175.00'	65.60'	131.06'	130.99'	N34°59'32"W
C-9	06°23'27"	1225.00'	68.39'	136.64'	136.57'	N34°59'32"W
C-10	45°14'03"	175.00'	72.91'	138.16'	134.60'	N60°48'17"W
C-11	20°37'29"	225.00'	40.94'	80.99'	80.56'	N16°59'13"E
C-12	46°38'28"	225.00'	97.00'	183.16'	178.14'	N61°30'30"W
C-13	10°16'26"	1040.00'	93.49'	186.49'	186.24'	N36°56'02"W
C-14	10°37'26"	1060.00'	98.56'	196.55'	196.27'	N37°06'32"W
C-15	18°21'36"	175.00'	28.28'	56.08'	55.84'	N37°45'18"E
C-16	83°21'21"	26.00'	23.15'	37.83'	34.58'	S39°59'13"W
C-17	36°44'17"	325.00'	107.92'	208.39'	204.84'	S68°52'55"W
C-18	51°11'08"	725.00'	347.25'	647.68'	626.36'	N74°45'19"W
C-19	51°11'08"	540.00'	258.64'	482.41'	466.53'	N74°45'19"W
C-20	51°11'08"	560.00'	268.22'	500.27'	483.81'	N74°45'19"W
C-21	47°13'06"	425.00'	185.76'	350.25'	340.42'	N72°46'18"W
C-22	51°11'08"	675.00'	323.30'	603.02'	583.16'	N74°45'19"W
C-23	04°13'45"	1040.00'	38.40'	76.76'	76.75'	N47°02'53"W
C-24	03°50'12"	1060.00'	35.50'	70.98'	70.97'	N47°14'39"W
C-25	22°08'03"	375.00'	73.35'	144.87'	143.97'	N60°13'47"W
C-26	07°35'57"	945.00'	62.76'	125.34'	125.24'	N83°27'05"E
C-27	266°10'39"	50.00'	53.45'	232.28'	73.03'	S49°28'10"E
C-28	14°18'18"	375.00'	47.06'	93.62'	93.38'	N81°35'00"W
C-29	07°35'57"	995.00'	66.08'	131.97'	131.87'	N83°27'05"E
C-30	05°55'15"	1110.00'	57.40'	114.71'	114.65'	N82°36'44"E
C-31	93°39'49"	26.00'	27.72'	42.50'	37.93'	N48°31'21"W
C-32	82°45'04"	26.00'	22.90'	37.55'	34.37'	S39°41'05"W
C-33	01°24'30"	1130.00'	13.89'	27.78'	27.78'	N80°21'22"E
C-34	07°00'30"	275.00'	16.84'	33.64'	33.62'	S83°44'48"W
C-35	07°22'54"	540.00'	34.83'	69.57'	69.52'	S81°52'55"W
C-36	07°01'00"	560.00'	34.33'	68.58'	68.54'	S82°03'52"W
C-37	00°55'37"	1130.00'	9.14'	18.28'	18.28'	N85°06'33"E
C-38	100°52'54"	26.00'	31.47'	45.78'	40.09'	S52°07'54"E
C-39	18°54'03"	160.00'	26.63'	52.78'	52.54'	N72°12'53"E
C-40	14°39'48"	140.00'	18.01'	35.83'	35.73'	N70°05'45"E
C-41	26°40'23"	325.00'	77.05'	151.30'	149.94'	N75°19'15"E
C-42	38°08'40"	275.00'	95.08'	183.08'	179.72'	N69°35'06"E
C-43	19°00'14"	275.00'	46.03'	91.21'	90.79'	S60°00'53"W
C-44	07°27'54"	325.00'	21.20'	42.34'	42.31'	N54°14'43"E
C-45	26°23'48"	760.00'	178.23'	350.14'	347.05'	N75°57'45"E
C-46	26°23'48"	740.00'	173.54'	340.92'	337.92'	N75°57'45"E
C-47	26°23'48"	875.00'	205.20'	403.12'	399.56'	N75°57'45"E
C-48	04°27'03"	925.00'	35.95'	71.85'	71.84'	N46°56'14"W
C-49	05°11'18"	325.00'	14.72'	29.43'	29.42'	N49°31'45"E
C-50	06°09'05"	275.00'	14.78'	29.52'	29.51'	N50°00'39"E
C-51	07°41'12"	875.00'	58.78'	117.39'	117.30'	N38°13'35"W
C-52	03°41'13"	875.00'	28.16'	56.31'	56.30'	N47°19'09"W
C-53	01°16'06"	875.00'	9.68'	19.37'	19.37'	N32°25'52"W
C-54	26°28'41"	275.00'	64.70'	127.09'	125.96'	N76°00'12"E
C-55	26°23'48"	325.00'	76.22'	149.73'	148.41'	N75°57'45"E
C-56	26°23'48"	440.00'	103.19'	202.71'	200.92'	N75°57'45"E
C-57	26°23'48"	460.00'	107.88'	211.93'	210.06'	N75°57'45"E
C-58	26°23'48"	625.00'	146.57'	287.94'	285.40'	N75°57'45"E
C-59	26°23'48"	575.00'	134.85'	264.91'	262.57'	N75°57'45"E
C-60	166°07'49"	50.00'	411.08'	144.98'	99.27'	S44°03'03"W
C-61	166°14'49"	50.00'	414.60'	145.08'	99.28'	S43°59'33"W
C-62	89°46'14"	26.00'	25.90'	40.74'	36.70'	N46°34'34"W
C-63	89°42'52"	26.00'	25.87'	40.71'	36.68'	S43°40'53"W
C-64	88°41'33"	26.00'	25.41'	40.25'	36.35'	S45°31'20"E
C-65	21°39'34"	935.00'	178.86'	353.46'	351.36'	S09°59'26"W
C-66	18°46'31"	1055.00'	174.42'	345.71'	344.17'	S08°32'54"W
C-67	88°57'39"	26.00'	25.53'	40.37'	36.43'	S43°38'28"W
C-68	02°16'09"	1055.00'	20.89'	41.78'	41.78'	N00°29'00"W
C-69	02°55'36"	930.00'	23.76'	47.50'	47.50'	S00°37'27"W
C-70	01°43'17"	325.00'	4.88'	9.76'	9.76'	S61°54'13"W
C-71	90°00'00"	26.00'	26.00'	40.84'	36.77'	S45°50'21"E
C-72						
C-73	05°29'37"	1050.00'	50.38'	100.67'	100.63'	N46°24'57"W
C-74						
C-75	49°10'16"	200.00'	91.51'	171.64'	166.42'	N24°34'38"W
C-76	11°52'20"	1050.00'	109.18'	217.57'	217.18'	N37°43'59"W
C-77	96°05'51"	200.00'	222.50'	335.44'	297.49'	N01°06'50"W
C-78	06°23'27"	1200.00'	66.99'	133.85'	133.78'	N34°59'32"W
C-79	52°47'40"	200.00'	99.27'	184.28'	177.84'	N64°35'06"W
C-80						
C-81	47°13'06"	400.00'	174.83'	329.65'	320.40'	N72°46'18"W
C-82	51°11'08"	550.00'	263.43'	491.34'	475.17'	N74°45'19"W
C-83	51°11'08"	700.00'	335.28'	625.34'	604.76'	N74°45'19"W
C-84						
C-85	07°35'57"	970.00'	64.42'	128.65'	128.56'	N83°27'05"E
C-86	05°55'15"	1120.00'	57.92'	115.74'	115.69'	N82°36'44"E
C-87						
C-88	36°44'17"	300.00'	99.62'	192.36'	189.08'	S68°52'55"W
C-89	09°51'05"	550.00'	47.40'	94.57'	94.45'	S80°38'49"W
C-90	26°23'48"	150.00'	35.18'	69.10'	68.50'	N75°57'45"E
C-91						
C-92	38°08'40"	300.00'	103.72'	199.72'	196.06'	N69°35'06"E
C-93	26°23'48"	750.00'	175.89'	345.52'	342.48'	N75°57'45"E
C-94	26°23'48"	900.00'	211.06'	414.63'	410.98'	N75°57'45"E
C-95	05°47'04"	900.00'	45.47'	90.86'	90.82'	N46°16'13"W
C-96	11°34'52"	900.00'	91.27'	181.92'	181.61'	N37°35'15"W
C-97	15°49'45"	300.00'	41.71'	82.88'	82.62'	N54°50'59"E
C-98						
C-99	26°23'48"	600.00'	140.71'	276.42'	273.99'	N75°57'45"E
C-100	26°23'48"	450.00'	105.53'	207.31'	205.49'	N75°57'45"E
C-101	26°23'48"	300.00'	70.35'	138.21'	136.99'	N75°57'45"E
C-102	90°20'12"	34.50'	34.70'	54.39'	48.93'	S43°59'33"W
C-103	89°42'52"	36.00'	35.82'	56.37'	50.78'	S43°40'53"W
C-104	20°17'04"	995.00'	177.99'	352.25'	350.42'	S09°18'11"W
C-105	88°57'39"	36.00'	35.35'	55.89'	50.45'	S43°38'28"W
C-106	90°00'00"	34.50'	34.50'	54.19'	48.79'	S44°09'39"W
C-107	90°00'00"	36.00'	36.00'	56.55'	50.91'	S45°50'21"E
C-108						
C-109	47°24'05"	100.00'	43.90'	82.73'	80.39'	N39°03'49"E
C-110	34°04'15"	110.00'	33.70'	65.41'	64.45'	S45°43'44"W
C-111	31°27'15"	90.00'	25.34'	49.41'	48.79'	S47°02'14"W

FINAL PLAT
CARUTH LAKE, PHASE 6
47.893 ACRES – 152 RES. LOTS

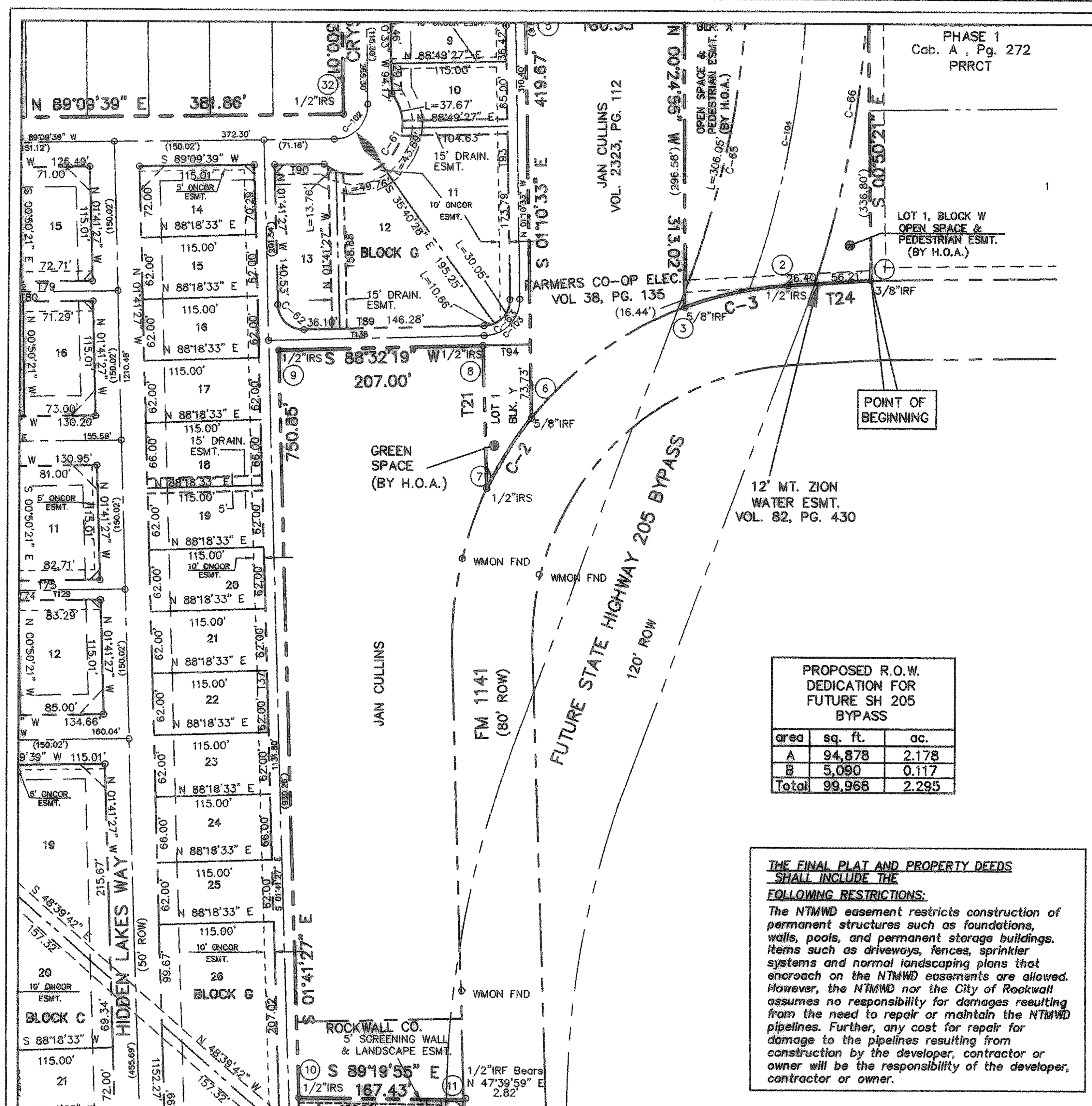
S.S. McCURRY SURVEY, ABSTRACT NO. 146
M.B. JONES SURVEY, ABSTRACT NO. 122
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

LUMBERMEN'S INVESTMENT CORPORATION
5495 BELTLINE ROAD #225
DALLAS, TEXAS 75240

Winkelmann & Associates, Inc.
CONSULTING CIVIL ENGINEERS ▪ SURVEYORS
6750 HILLCREST PLAZA DRIVE, SUITE 100 DALLAS, TEXAS 75230
(972) 490-7090 (972) 490-7099 FAX

Scale : 1"=100'	Date : 6-10-04
Designed By :	MK
Drawn By :	MK
Checked By :	BJE
File :	14654FP6PGA.DWG
Project No. :	14654.02

SHEET 3 OF 4



MIN. FINISHED FLOOR NOTE
*=MIN. F.F.=495.39

PROPOSED R.O.W. DEDICATION FOR FUTURE SH 205 BYPASS

area	sq. ft.	ac.
A	94,878	2.178
B	5,090	0.117
Total	99,968	2.295

THE FINAL PLAT AND PROPERTY DEEDS SHALL INCLUDE THE FOLLOWING RESTRICTIONS:

The NTMWD easement restricts construction of permanent structures such as foundations, walls, pools, and permanent storage buildings. Items such as driveways, fences, sprinkler systems and normal landscaping plans that encroach on the NTMWD easements are allowed. However, the NTMWD nor the City of Rockwall assumes no responsibility for damages resulting from the need to repair or maintain the NTMWD pipelines. Further, any cost for repair for damage to the pipelines resulting from construction by the developer, contractor or owner will be the responsibility of the developer, contractor or owner.

NTMWD EASEMENT NOTE:

1) FOR BLOCK A, LOT 1; BLOCK C, LOTS 18, 19, 20; BLOCK D, LOTS 6, 7, 14, 15; BLOCK E, LOTS 5, 6, 23, 24; AND BLOCK G, LOTS 29, 30, 32:

"THE NTMWD EASEMENT RESTRICTS CONSTRUCTION OF PERMANENT STRUCTURES SUCH AS FOUNDATIONS, WALLS, POOLS AND PERMANENT STORAGE BUILDINGS. ITEMS SUCH AS DRIVEWAYS, FENCES, SPRINKLERS SYSTEMS AND NORMAL LANDSCAPING PLANS THAT ENCROACH ON THE NTMWD EASEMENTS ARE ALLOWED. FENCE POST FOUNDATIONS ARE RESTRICTED TO AN INSTALLATION DEPTH NO DEEPER THAN 18-INCHES BELOW FINAL GROUND ELEVATION. HOWEVER, THE NTMWD ASSUMES NO RESPONSIBILITY FOR DAMAGES RESULTING FROM THE NEED TO REPAIR OR MAINTAIN THE NTMWD PIPELINES. FURTHER, ANY COST FOR REPAIR FOR DAMAGE TO THE PIPELINES RESULTING FROM CONSTRUCTION BY THE DEVELOPER, CONTRACTOR OR OWNER WILL BE THE RESPONSIBILITY OF THE DEVELOPER, CONTRACTOR OR OWNER."

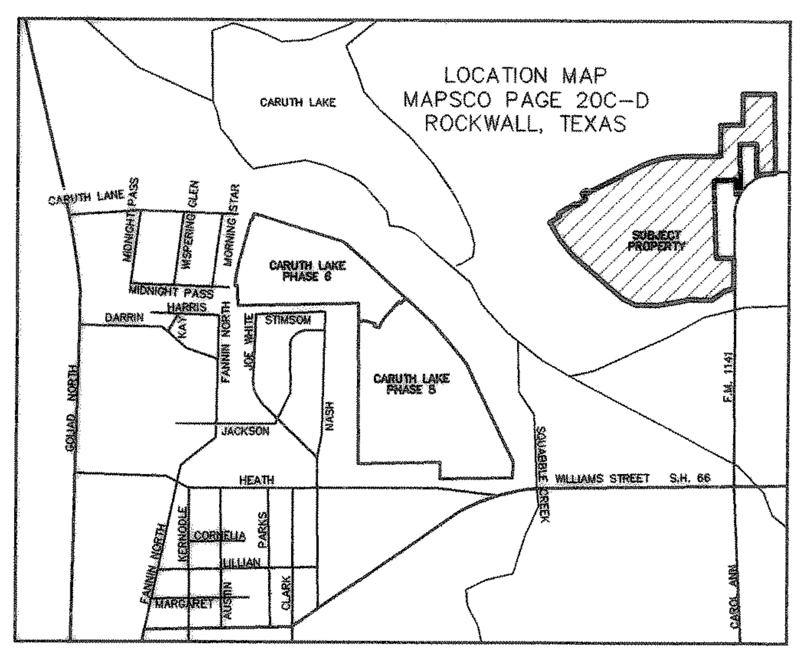
2) FRANCHISED UTILITIES ARE NOT PERMITTED IN NTMWD EASEMENT EXCEPT FOR CROSSINGS.

NOTE:

1. ALL PROPOSED ALLEY RIGHT-OF-WAYS ARE A 20' DEDICATION.
2. ALL PROPOSED STREET RIGHT-OF-WAYS ARE A 50' DEDICATION EXCEPT FOR FUTURE SH 205 BYPASS.
3. ALL COMMON AREAS TO BE MAINTAINED BY HOMEOWNERS ASSOCIATION.
4. THE PROPERTY IS AFFECTED BY EASEMENTS TO KAUFMAN VAN ZANDT SOIL CONSERVATION DISTRICT AS RECORDED IN VOLUME 50, PAGES 116 & 127.
5. FENCE RESTRICTION ON LOTS BACKING TO LAKE AREA – TUBULAR STEEL w/CONSISTENT HEIGHT OF 4 ft. (LOTS 1 thru 28, BLK. A)

COORDINATE TABLE

NUMBER	NORTHING	EASTING
1	7033383.8126	2600194.9418
2	7033378.5538	2600112.5036
3	7033356.3511	2600009.1854
4	7033669.3653	2600006.9166
5	7033664.1093	2599846.6501
6	7033244.5231	2599855.2622
7	7033173.4742	2599811.0329
8	7033317.0386	2599806.7950
9	7033311.7594	2599599.8623
10	7032561.2363	2599622.0171
11	7032559.2841	2599789.4357
12	7032264.3652	2599796.3487
13	7032237.5343	2599701.7887
14	7032155.8348	2599590.9409
15	7032156.3085	2599371.6700
16	7032099.3761	2599059.8815
17	7032102.3259	2598839.3931
18	7032157.4751	2598727.3669
19	7032569.5721	2598250.5778
20	7032731.4619	2598111.4190
21	7032897.1414	2598008.7057
22	7032960.3706	2598110.6963
23	7032983.7160	2598096.2232
24	7033081.1944	2598253.4586
25	7033063.9253	2598264.1646
26	7033124.5199	2598361.9056
27	7033186.3802	2598323.5552
28	7033212.7257	2598366.0512
29	7033188.2715	2598381.2117
30	7033441.0819	2598872.3733
31	7033543.5367	2599282.1550
32	7033549.1292	2599663.9711
33	7033849.0712	2599657.8148
34	7033852.2977	2599878.0904
35	7034152.2655	2599873.6967
36	7034156.8050	2600183.6195



FINAL PLAT
CARUTH LAKE, PHASE 6
47.893 ACRES – 152 RES. LOTS

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Scale : 1"=100'	Date : 6-10-04
Designed By :	MK
Drawn By :	MK
Checked By :	BJE
File :	14654FP6PGA.DWG
Project No. :	14654.02

SHEET 2 OF 4