Tree No.	Tree Type	Caliper	Mitig.
1			
2			
3	cedar	6	
4	oak	24	
5	ash	15	
6	oak	20	
7	ash	12	
8	hackberry	15	
9	oak	13	
10	oak	18	
11	ash	18	
12	elm	10	
13	elm	12	12
14	elm	10	10
15	oak	18	18
16	dead	10	
17	elm	6	
18	dead		
19	ash	10	
20	elm	6	
21	hackberry	8	
22	gum bumelia	6	
23	cedar	8	
24	cedar	10	
25	cedar	6	
26	cedar	6	
27			
28			
29	elm	9	
30	oak	23	
31	dead		
32	dead		
33	cedar	8	8
34	cedar	6	6
35	cedar	6	
36			
37			
38	elm	10	
39	elm	8	
40	elm	8	
41	ash	7	
42	elm	6	6
43	hackberry	7	5.25
44	hackberry	10	7.5
45	ash	6	6
46	bois d'arc	15	11.25
47	bois d'arc	12	9
48	bois d'arc	8	6
49	bois d'arc	20	15
50	elm	13	13
51	bois d'arc	20	15
52	elm	18	18
53	elm	18	
54	elm	12	
55	pecan	10	
56	pecan	20	
57	elm	12	
58	elm	12	
59	elm	15	
60	elm	12	
61	elm	13	
62	bois d'arc	24	
63	pecan	30	
64	pecan	15	
65	ash	15	
66	oak	7	
67	pecan	8	
68	black gum	6	
69	oak	8	
70	oak	9	
71	ash	7	
72	ash	10	
73	oak	6	
74	oak	6	
75	oak	6	
76	oak	6	
77	ash	10	
78	ash	6	
79	hackberry	20	
80	elm	14	
81	bois d'arc	18	
82	bois d'arc	10	
83	hackberry	14	
84	hackberry	14	
85	hackberry	20	
86	hackberry	11	
87	hackberry	10	
88	hackberry	16	
89	hackberry	12	
90	hackberry	11	
91	hackberry	30	
92	pecan	7	
93	pecan	10	
94	oak	6	
95	elm	18	
96	hackberry	14	

Tree No.	Tree Type	Caliper	Mitig.
101	elm	38	
102	elm	6	
103	ash	6	
104	ash	6	
105	ash	6	
106	ash	6	
107	ash	6	
108	elm	6	
109	elm	6	
110	hackberry	6	
111	hackberry	8	
112	elm	7	
113	elm	8	
114	elm	7	
115	hackberry	7	
116	elm	10	
117	elm	26	
118	elm	12	
119	elm	8	
120	pecan	12	
121	elm	6	
122	elm	8	
123	persimmon	6	
124	pecan	6	
125			
126	hackberry	6	
127	elm	10	
128	elm	7	
129	elm	9	
130	hackberry	10	
131	elm	7	
132	elm	18	
133	elm	9	
134	elm	8	
135	elm	8	
136	ash	6	
137	ash	6	
138	ash	7	
139	ash	8	
140	elm	6	
141	elm	6	
142	oak	16	
143	cedar	6	
144	ash	7	
145	ash	15	
146	cedar	12	
147	ash	9	
148	elm	15	
149	elm	8	
150	hackberry	11	
151	ash	8	
152	elm	7	
153	elm	6	
154	elm	6	
155	hackberry	6	
156	hackberry	8	
157	elm	7	
158	oak	26	
159	oak	36	
160	oak	26	
161	oak	6	6
162	oak	6	6
163	ash	6	6
164	ash	8	6
165	ash	7	7
166	ash	7	7
167	ash	6	
168	ash	10	
169	ash	8	
170	ash	6	
171	ash	7	
172	ash	7	
173	ash	12	
174	ash	8	
175	ash	7	
176	ash	7	
177	ash	6	
178	ash	6	
179	ash	9	
180	ash	6	
181	ash	8	
182	ash	7	
183	ash	7	
184	ash	6	
185	ash	7	
186	ash	8	
187	ash	6	
188	ash	12	
189	ash	7	
190	ash	7	
191	ash	6	
192	ash	7	
193	ash	10	
194	ash	10	
195	ash	11	
196	ash	11	11

Tree No.	Tree Type	Caliper	Mitig.
201	ash	7	7
202	ash	7	7
203	oak	8	6
204	oak	28	28
205	oak	10	10
206	elm	20	20
207	elm	22	22
208	ash	12	12
209	oak	24	24
210	ash	6	6
211	ash	7	7
212	oak	24	24
213	elm	17	17
214	oak	24	24
215	ash	22	22
216	oak	12	12
217	hackberry	10	7.5
218	elm	6	6
219	ash	6	6
220	oak	8	6
221	cottonwood	24	18
222	willow	16	12
223	elm	6	6
224	ash	12	
225	elm	38	
226	elm	20	
227			
228			
229			
230			
231			
232			
233			
234			
235			
236			
237			
238			
239			
240			
241			
242			
243			
244			
245			
246			
247			
248			
249			
250			
251			
252			
253			
254			
255			
256			
257			
258			
259			
260			
261			
262			
263			
264			
265			
266			
267			
268			
269			
270			
271			
272			
273			
274			
275			
276	elm	6	
277	hackberry	24	
278	elm	6	
279	elm	16	
280	elm	8	
281	elm	7	
282	bois d'arc	8	
283	hackberry	15	
284	hackberry	16	
285	hackberry	6	
286	bois d'arc	6	
287	pecan	6	
288	hackberry	6	
289	cedar	10	
290	pecan	6	
291	hackberry	6	
292	pecan	8	
293	cedar	10	
294	bois d'arc	7	
295	cedar	10	
296	hackberry	6	

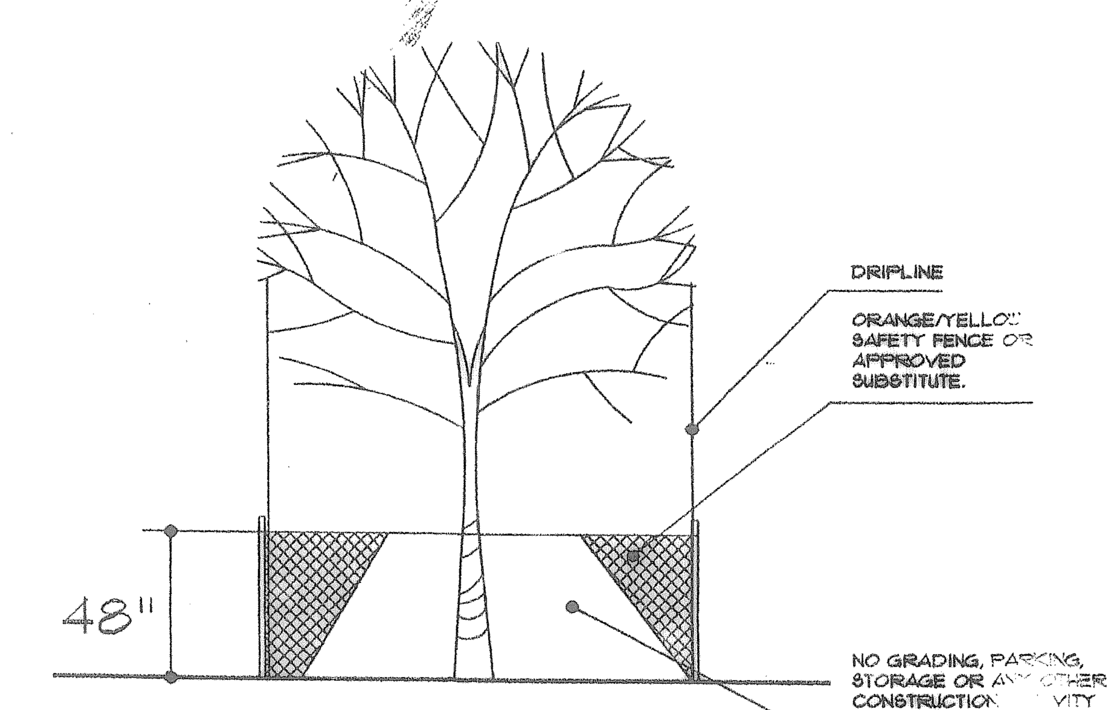
Tree No.	Tree Type	Caliper	Mitig.
301	hackberry	6	
302	cedar	12	
303	pecan	6	
304	bois d'arc	18	
305	hackberry	8	
306	bois d'arc	15	
307	hackberry	12	
308	willow	18	
309	willow	14	
310	pecan	9	
311	pecan	8	
312	hackberry	10	
313	pecan	6	
314	elm	8	
315	pecan	8	
316	oak	12	
317	pecan	12	
318	ash	8	
319	basswood	6	
320	pecan	8	
321	hercules-club	6	
322	pecan	6	
323	hackberry	6	
324	willow	15	
325	pecan	8	
326	hackberry	6	
377	pecan	7	
378	pecan	42	
379	elm	30	
380	hackberry	11	
381	hackberry	16	
382	hackberry	8	
383	hackberry	7	
384	hackberry	7	
385	hackberry	6	
386	pecan	6	
387	hackberry	12	
388	pecan	7	
389	pecan	6	
390	pecan	7	
391	hackberry	9	
392	hackberry	10	
393	hackberry	6	
394	pecan	6	
395	hackberry	14	
396	hackberry	6	

Tree No.	Tree Type	Caliper	Mitig.
401	hackberry	11	
402	hackberry	11	
403	hackberry	12	
404	hackberry	8	
405	hackberry	7	
406	hackberry	7	
407	bois d'arc	6	
408	hackberry	6	
409	hackberry	7	
410	pecan	30	
411	hackberry	6	4.5
412	hackberry	6	4.5
413	hackberry	12	9
414	hackberry	8	6
415	bois d'arc	8	6
416	pecan	6	6
417	pecan	7	7
418	pecan	10	10
419	hackberry	6	4.5
420	hackberry	6	4.5
421	hackberry	6	4.5
422	hackberry	6	4.5
423	hackberry	6	4.5
424	pecan	10	10
425	pecan	7	7
426	pecan	8	8
			8
			10
			6
			6
			8
			6
			6
			8
			8
			7
			4.5
			4.5
			24
			6.75
			4.5
			5.25
			6
			6.75
			10
			5.25
			9
			11
			6
			10
			7.5
			4.5
			6
			6
			8
			7
			4.5
			6
			6
477	hackberry	10	
478	hackberry	12	
479	cedar	12	
480	cedar	12	
481	hackberry	8	
482	cedar	10	
483	hackberry	10	
484	hackberry	11	
485	hackberry	10	
486	hackberry	12	
487	elm	7	
488	ash	7	
489	ash	7	
490	ash	7	
491	ash	7	
492	ash	6	
493	ash	6	
494	ash	6	
495	ash	6	
496	elm	12	

Tree No.	Tree Type	Caliper	Mitig.	tot inches	inches to mitigate
501	ash	6			
502	oak	8			
503	ash	7			
504	ash	6			
505	ash	8			
506	ash	7			
507	ash	7			
508	ash	6			
509	ash	7			
510	ash	8			
511	ash	7			
512	ash	9			
513	ash	9			
514	ash	8			
515	ash	6			
516	ash	7			
517	ash	6			
518	ash	6			
519	ash	10	10		
520	elm	7	7		
521	ash	16	16		
522	ash	12			
523	oak	7			
524	bois d'arc	6			
525	cedar	12			
526	oak	24			
527	oak	18			
528	elm	12			
529	oak	15			
530	oak	20			
531	elm	15	15		
532	cottonwood	24	24		
533	elm	7			
534	ash	10			
535	cottonwood	15	15		
536					
537	oak	8			
538	hackberry	12			
539	hackberry	7			
540	hackberry	6			
541	hackberry	6			
542	hackberry	6			
	oak	14			
	hackberry	20			
	bois d'arc	15			
	hackberry	8			
	elm	14			
	trees along east prop line not shown on plan				

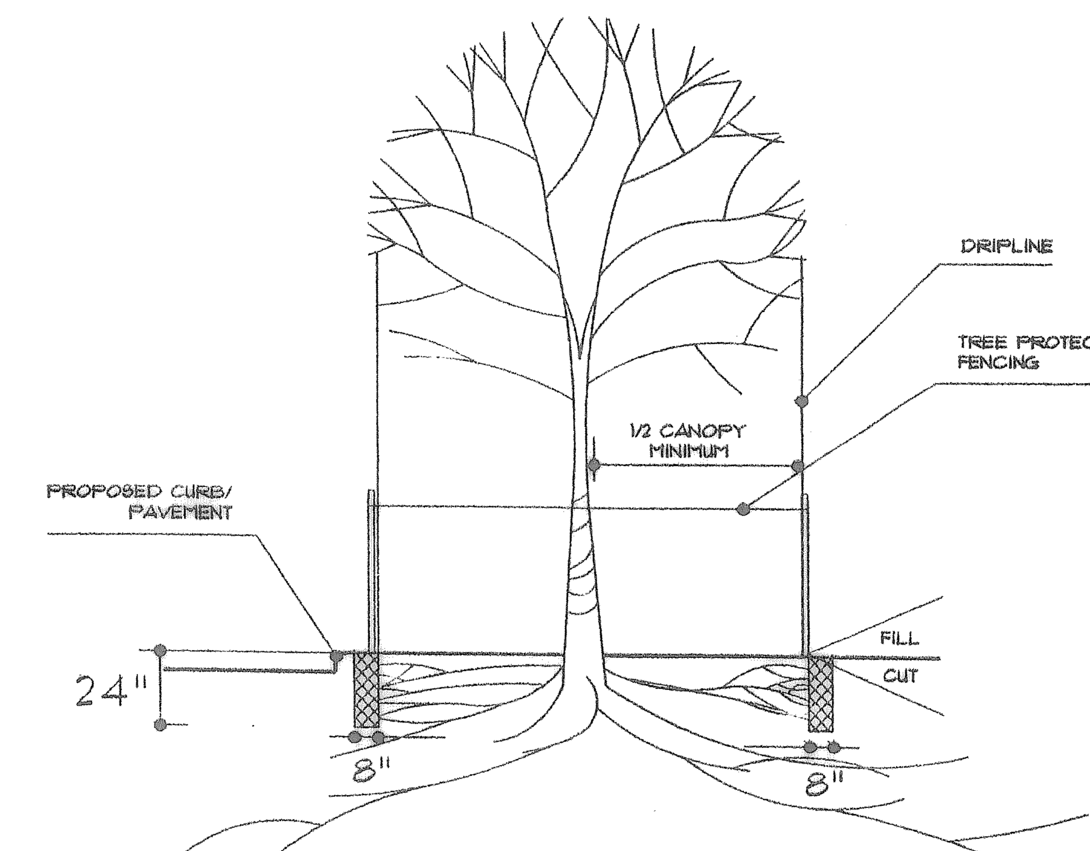
MITIGATION TABLE REVISED PER SITE GRADING CHANGES.

REFER TO SHEET LP1.2 – 'AS-BUILT TREE MITIGATION PLAN' DATED SEPTEMBER 4, 2003, AND TREE SURVEY/ MITIGATION SPREADSHEET DATED SEPTEMBER 4, 2003 ON FILE WITH ROBERT LACROIX, DIRECTOR OF PLANNING, CITY OF ROCKWALL.



MINIMUM TREE PROTECTION

N.T.S.



- HAND DIG TRENCH (NO MECHANICAL TRENCHES)
- CUT ROOTS WITH A SHARP TOOL
- BACKFILL WITH EXISTING SOIL
- PERFORM ROOT PRUNING A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION

ROOT PRUNING DETAIL

N.T.S.

MITIGATION CALCULATIONS

TOTAL CALIPER INCHES EXIST. TREES= 5357 INCHES
TOTAL CALIPER INCHES REMOVED = 1220 INCHES
SPECIES TO MITIGATE AT 75% = 128 INCHES X 75% = 96.50 INCHES
SPECIES TO MITIGATE AT 100% = 1092 INCHES X 100% = 1152 INCHES
TOTAL GROSS CALIPER INCHES/MITIGATE 1188.50 INCHES
LESS: PRESERVATION CREDIT (244 INCHES)
TOTAL INCHES TO MITIGATE = 1004.50 INCHES

LEGEND

EXISTING TREE TO REMOVE

127- CEDAR ELM / 3.5"CAL / 10'-12'HT = 444.5 CAL.IN.

48 - TEXAS ASH / 3-3.5" CAL / 10'-12'HT = 168 CAL.IN.

112 - LIVE OAK /3.5" CAL / 10'-12'HT = 392 CAL. IN.
55- LIVE OAK /3." CAL / 10'-12'HT/SCREENING TREES

313- TOTAL NEW TREES FOR MITIGATION / 3"-3.5" CAL. PROVIDING THE MINIMUM MITIGATION REQUIREMENTS

STATE OF TEXAS · D. MARC FUNDERBURK · 879 · REGISTERED · LANDSCAPE ARCHITECT

DATE:	2/17/2003
SCALE:	1"= 50'
CALC. BY:	D.M.F.
DRAWN BY:	D.M.F.
CHK. BY:	
JOB NO.:	02-LAJOLLA POINTE

LandPatterns, Inc.
Landscape Architecture
Landscape Construction
OFFICE/Dallas 3924 Oak Lawn Ave. 6320 / Dallas, TX
T (214) 219 - 3993 F (214) 219 - 7005
MAIL: P.O.Box 172650 / Arlington, TX / 76003-2650
EMAIL: mail-landpatterns.com

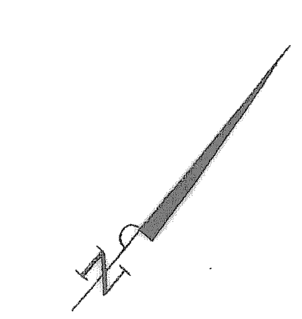
TREE SURVEY / MITIGATION-REMOVAL PLAN

35.989 ACRES ACRES

W. BLEVINS SURVEY, ABSTRACT NO. 200

CITY OF ROCKWALL

ROCKWALL COUNTY, TEXAS



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SHEET LP1.4 OF LP1.4