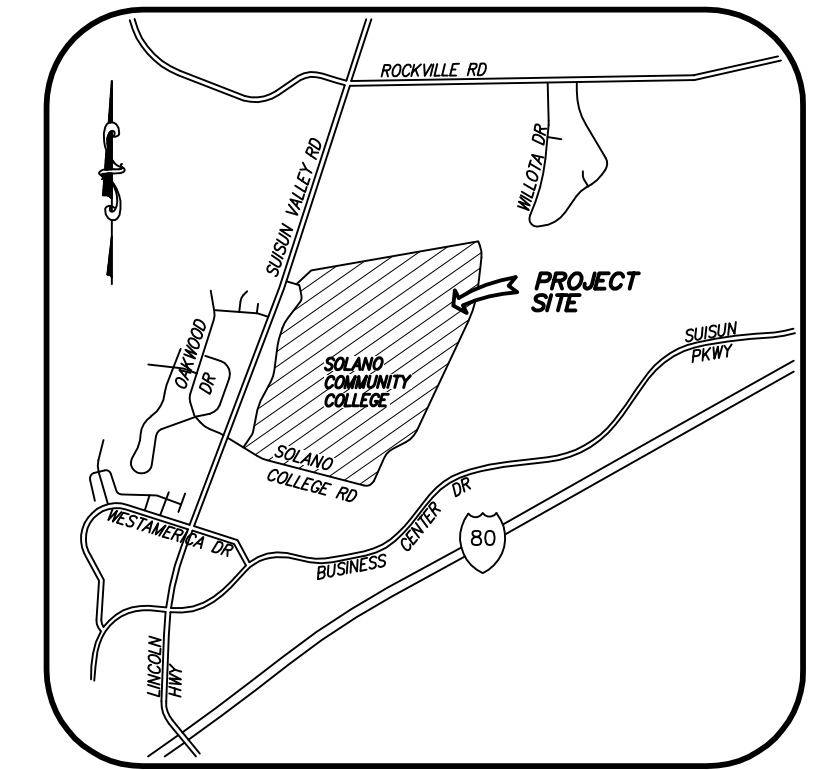


SOLANO COMMUNITY COLLEGE TREE REMOVAL PLAN FAIRFIELD, CALIFORNIA



VICINITY MAP
NOT TO SCALE

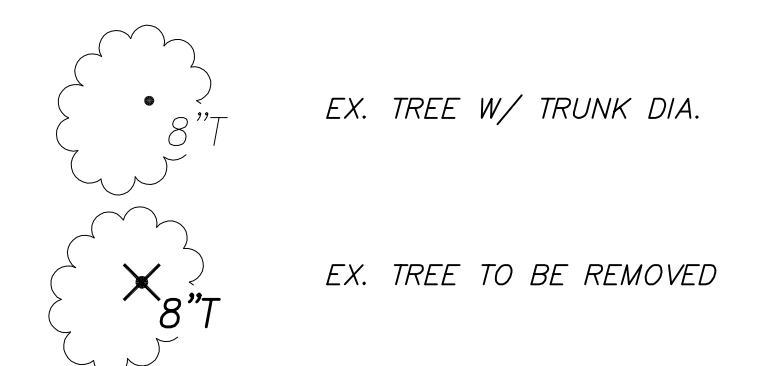
SHEET INDEX

1. TITLE SHEET
2. DETAILS 'A'-'D'
3. DETAILS 'E'-'K'
4. DETAILS 'L'-'M'

ABBREVIATIONS

AC	ASPHALT CONCRETE
COMM	COMMUNICATION
CONC	CONCRETE
CONN	CONNECT
DIA	DIAMETER
DWG	DRAWING
EA	EACH
EBX	ELECTRIC BOX
EC	EDGE OF CONCRETE
ELEC	ELECTRIC
EP	EDGE OF PAVEMENT
EPED	ELECTRIC PEDESTAL
EX/EXIST	EXISTING
FA	FIRE ALARM
GB	GRADE BREAK
GM	GAS METER
HCR	ADA ACCESSIBLE RAMP
INV	INVERT
IRR	IRRIGATION
SCO	SEWER CLEANOUT
SCC	SOLANO COMMUNITY COLLEGE
T	TREE/TELEPHONE
TBX	TELEPHONE BOX
TRANS	TRANSFORMER
TYP	TYPICAL

LEGEND



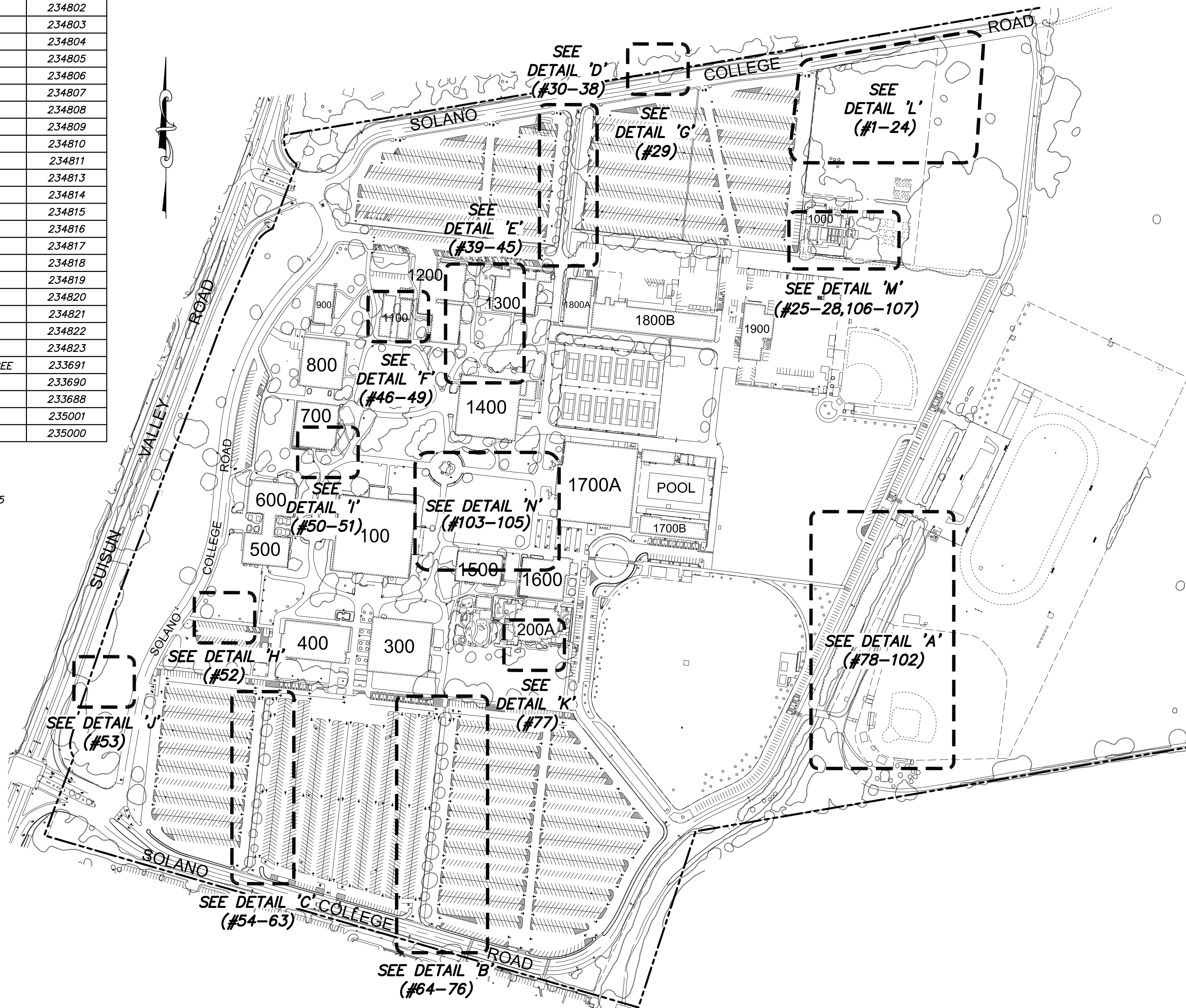
TREES TO BE REMOVED

TREE #	DESCRIPTION	TREE ID*
1	42+ VALLEY OAK	234972
2	18-24 REDBUD	234971
3	12-18 REDBUD	234970
4	6-12 COAST LIVE OAK	234973
5	42+ EUCALYPTUS	234975
6	30-36 EUCALYPTUS	234974
7	24-30 EUCALYPTUS	234976
8	3-6 VALLEY OAK	234977
9	6-12 COAST LIVE OAK	234978
10	42+ EUCALYPTUS	234979
11	24-30 CANARY ISLAND PINE	234980
12	6-12 COAST LIVE OAK	234981
13	30-36 ALEPPO PINE	234982
14	42+ ALEPPO PINE	234983
15	3-6 COAST LIVE OAK	234984
16	3-6 COAST LIVE OAK	234985
17	3-6 COAST LIVE OAK	234986
18	3-6 COAST LIVE OAK	234988
19	18-24 CANARY ISLAND PINE	234990
20	6-12 COAST LIVE OAK	234989
21	18-24 CANARY ISLAND PINE	234991
22	12-18 EUCALYPTUS	234992
23	6-12 VALLEY OAK	234987
24	18-24 EUCALYPTUS	234993
25	3-6 COLORADO BLUE SPRUCE	234994
26	3-6 SWEET GUM	234995
27	0-3 SWEET GUM	234996
28	12-18 GROVE OF TREES	234944
29	42+ VALLEY OAK	235005
30	6-12 OLIVE	233374
31	6-12 OLIVE	233373
32	6-12 OLIVE	233372
33	6-12 OLIVE	233371
34	6-12 OLIVE	233370
35	6-12 OLIVE	233369
36	6-12 OLIVE	233368
37	6-12 OLIVE	233367
38	6-12 OLIVE	233366
39	12-18 REDWOOD	192663
40	12-18 REDWOOD	192662
41	12-18 REDWOOD	192661
42	24-30 REDWOOD	192660
43	18-24 REDWOOD	192659
44	12-18 BLACK LOCUST	192665
45	6-12 EUROPEAN WHITE BIRCH	192666
46	12-18 CHINESE ELM	234518
47	6-12 CHINESE ELM	234517
48	6-12 UNKNOWN	234516
49	6-12 LONDON PLANE	234519
50	24-30 EUCALYPTUS	233729
51	6-12 WHITE ALDER	234490
52	6-12 PEAR	234398
53	0-3 COAST LIVE OAK	233403
54	12-18 CAMPHOR	234655
55	6-12 CAMPHOR	234654
56	6-12 CAMPHOR	234653
57	12-18 CAMPHOR	234652
58	12-18 CAMPHOR	234651
59	12-18 CAMPHOR	234650
60	12-18 CAMPHOR	234648
61	12-18 CAMPHOR	234646
62	6-12 CAMPHOR	234645
63	6-12 CAMPHOR	234644
64	18-24 CALIFORNIA SYCAMORE	234674
65	12-18 CALIFORNIA SYCAMORE	234673
66	18-24 CALIFORNIA SYCAMORE	234672
67	12-18 CALIFORNIA SYCAMORE	234671
68	18-24 CALIFORNIA SYCAMORE	234670
69	18-24 CALIFORNIA SYCAMORE	234669
70	18-24 CALIFORNIA SYCAMORE	234668
71	12-18 CALIFORNIA SYCAMORE	234667
72	12-18 CALIFORNIA SYCAMORE	234666
73	12-18 CALIFORNIA SYCAMORE	234665
74	12-18 CALIFORNIA SYCAMORE	234664
75	12-18 CALIFORNIA SYCAMORE	234663
76	18-24 CALIFORNIA SYCAMORE	234662

TREES TO BE REMOVED

TREE #	DESCRIPTION	TREE ID*
77	0-3 CHERRY TREE	234452
78	6-12 ALEPPO PINE	234740
79	30-36 MONTEREY PINE	234799
80	30-36 MONTEREY PINE	234800
81	30-36 MONTEREY PINE	234801
82	30-36 MONTEREY PINE	234802
83	18-24 MONTEREY PINE	234803
84	30-36 MONTEREY PINE	234804
85	24-30 MONTEREY PINE	234805
86	30-36 MONTEREY PINE	234806
87	24-30 MONTEREY PINE	234807
88	30-36 MONTEREY PINE	234808
89	30-36 MONTEREY PINE	234809
90	24-30 MONTEREY PINE	234810
91	30-36 MONTEREY PINE	234811
92	30-36 MONTEREY PINE	234813
93	30-36 MONTEREY PINE	234814
94	24-30 MONTEREY PINE	234815
95	24-30 MONTEREY PINE	234816
96	24-30 MONTEREY PINE	234817
97	24-30 MONTEREY PINE	234818
98	24-30 MONTEREY PINE	234819
99	24-30 MONTEREY PINE	234820
100	30-36 MONTEREY PINE	234821
101	30-36 MONTEREY PINE	234822
102	30-36 MONTEREY PINE	234823
103	18-24 YELLOW-POPLAR TULIP TREE	233691
104	12-18 CHINESE ELM	233690
105	12-18 RAYWOOD ASH	233688
106	12-18 SWEET GUM	235001
107	12-18 SWEET GUM	235000

*ESTIMATE FOR SCCD-FAIRFIELD CAMPUS LARGE TREE HEALTH MITIGATION AND REMOVAL REPORT BY A-PLUS TREE SERVICE CREATED JUNE 3, 2015



SITE MAP
SCALE: 1"=100'

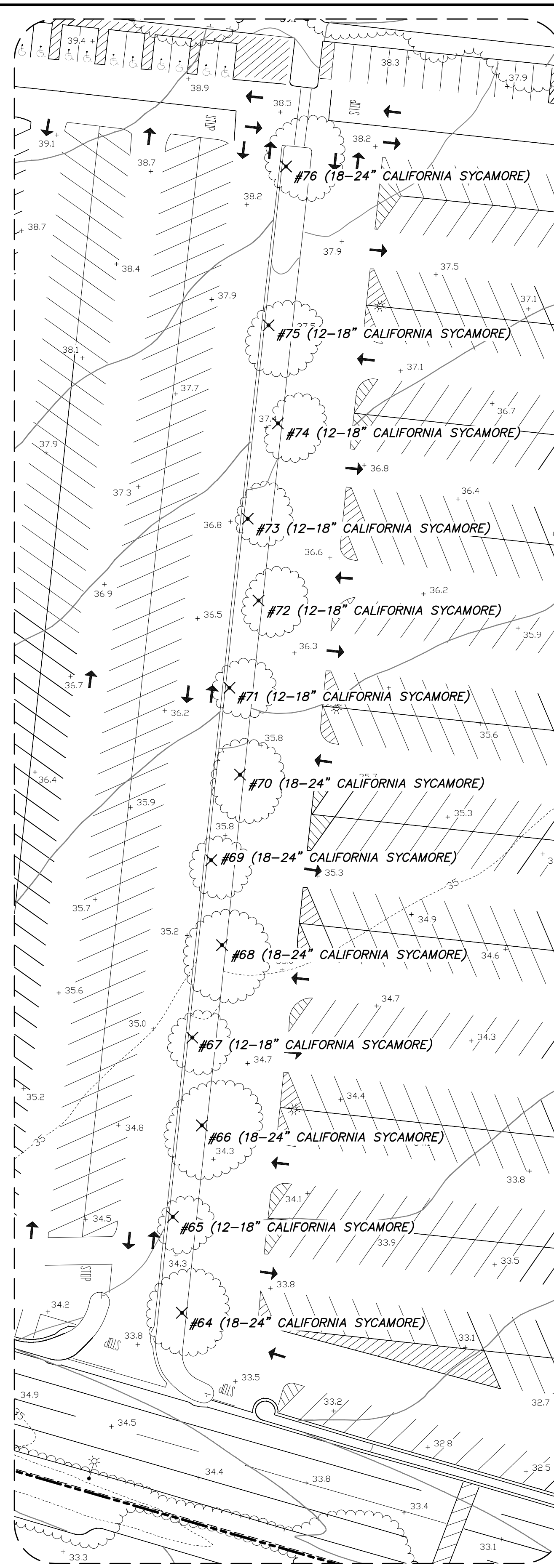
DESIGNED BY:	BDF
DRAFTED BY:	CW
CHECKED BY:	BDF
ISSUE DATE:	07/24/15

FCE FOULK CIVIL ENGINEERING, INC.
Civil Engineering Land Surveying Planning
4777 Mangels Boulevard, Fairfield, CA 94534
(707)864-0784 fax (707)864-0793 e-mail: foulkce@gmail.com

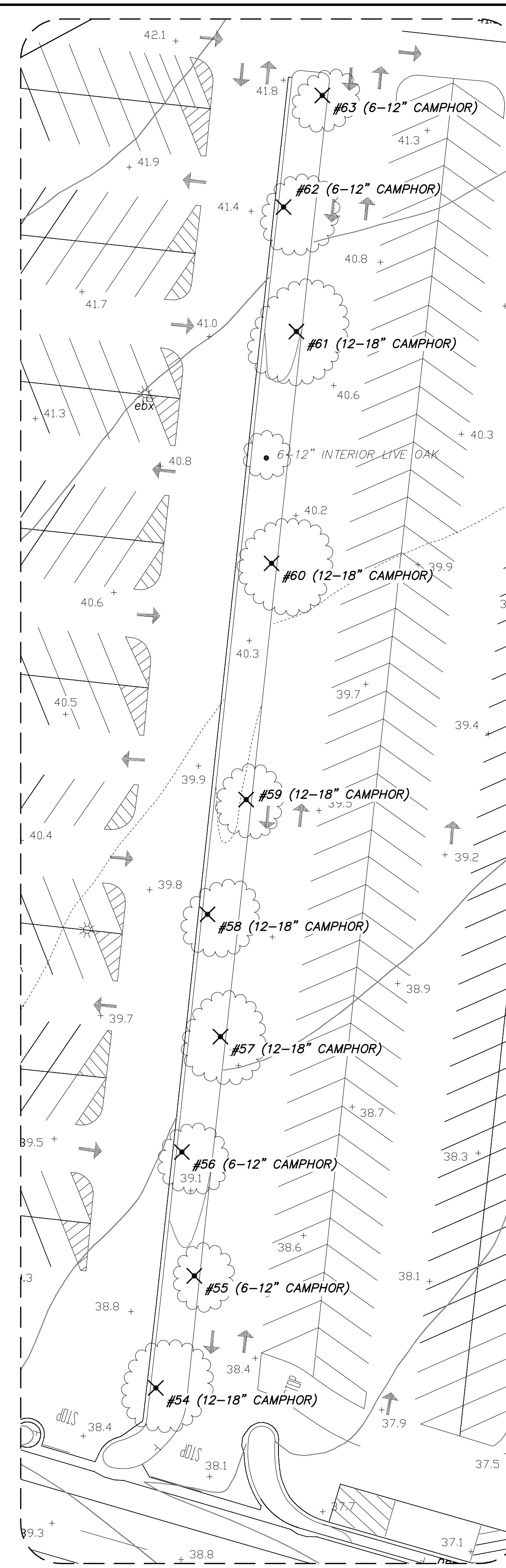
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					SHEET TITLE:	
					TITLE SHEET	
					SCALE: AS NOTED	
					DWG. NO: 15-008-TREE	
					JOB NO: 15-008	
					XREF: NONE	
						OF 4



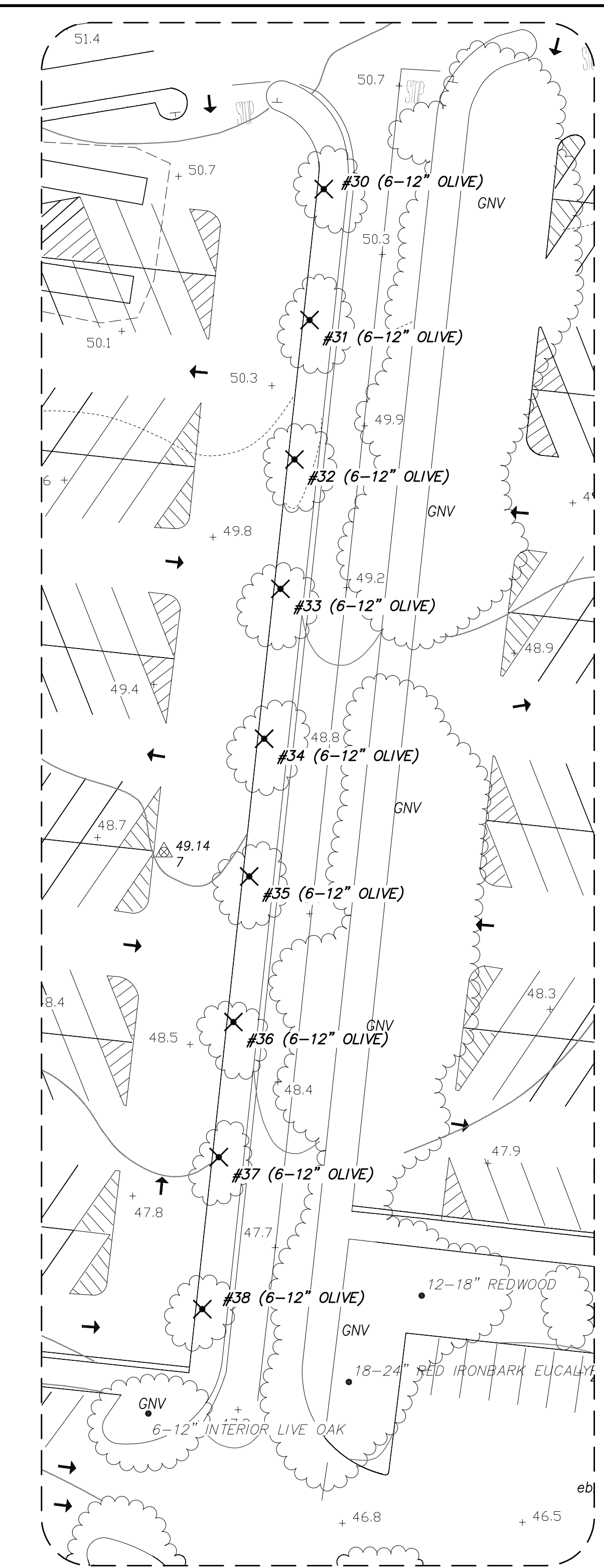
DETAIL 'A'
SCALE: 1"=40'



DETAIL 'B'
SCALE: 1"=40'



DETAIL 'C'
SCALE: 1"=30'



DETAIL 'D'
SCALE: 1"=30'

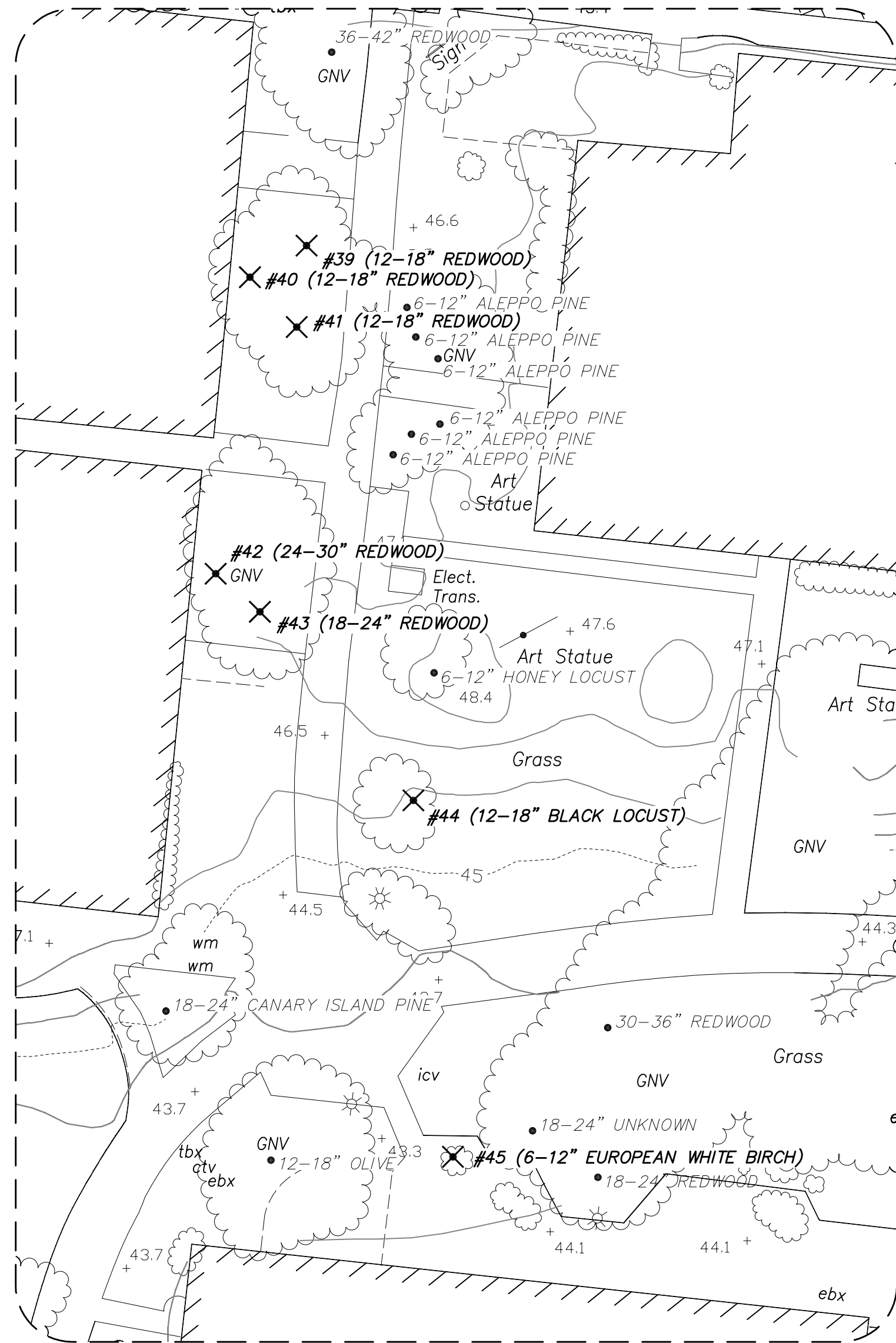
DESIGNED BY: BDF
 DRAFTED BY: CW
 CHECKED BY: BDF
 ISSUE DATE: 07/24/15

FCE FOULK CIVIL ENGINEERING, INC.
 Civil Engineering Land Surveying Planning
 4777 Mangels Boulevard, Fairfield, CA 94534
 (707)864-0784 fax (707)864-0793 e-mail: foulkce@gmail.com

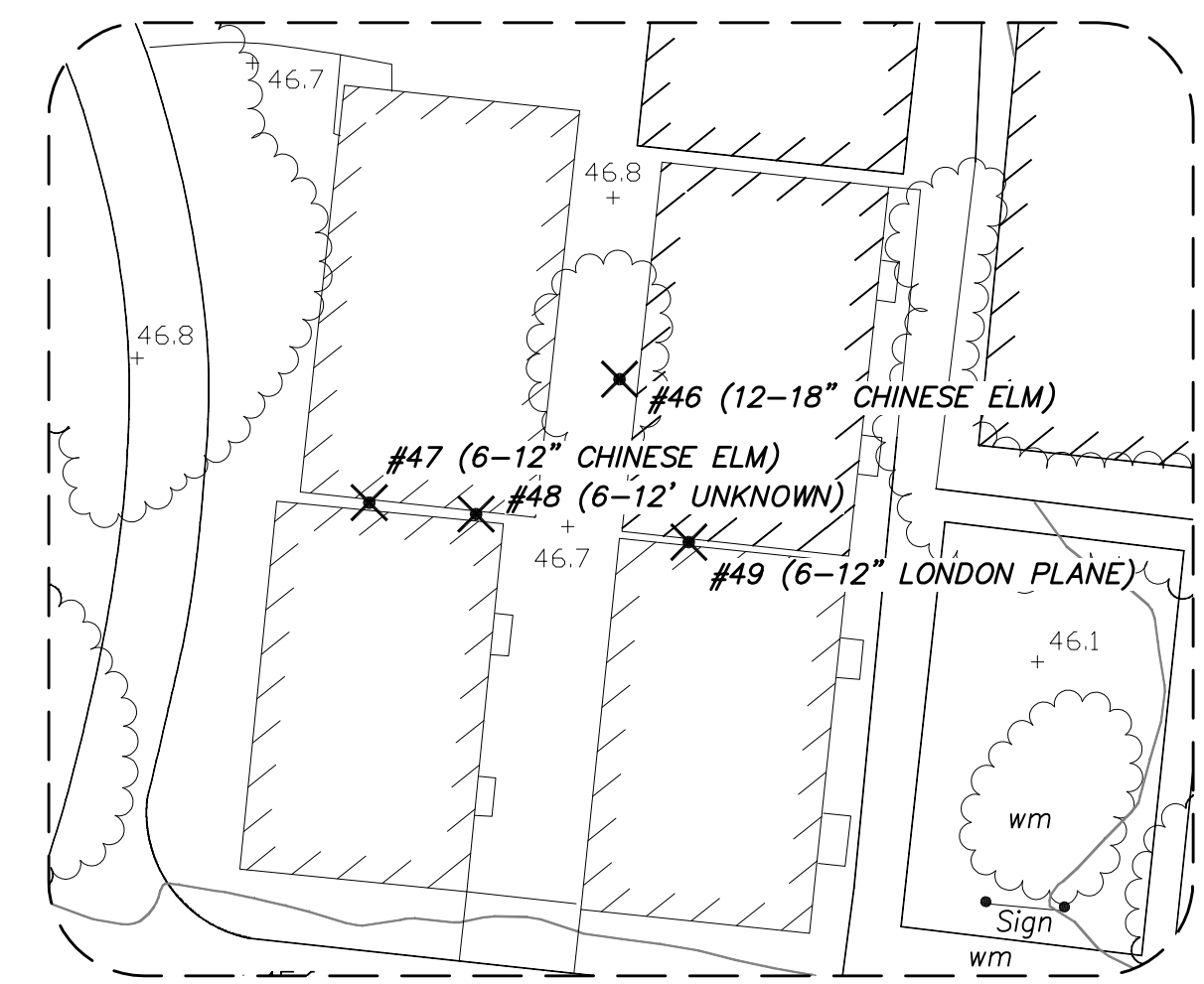
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PROJECT: **SOLANO COMMUNITY COLLEGE
 TREE REMOVAL PLAN
 FAIRFIELD, CA**
 SHEET TITLE: **DETAILS 'A' - 'D'**
 SCALE: AS NOTED DWG. NO: 15-008-TREE JOB NO: 15-008 XREF: NONE

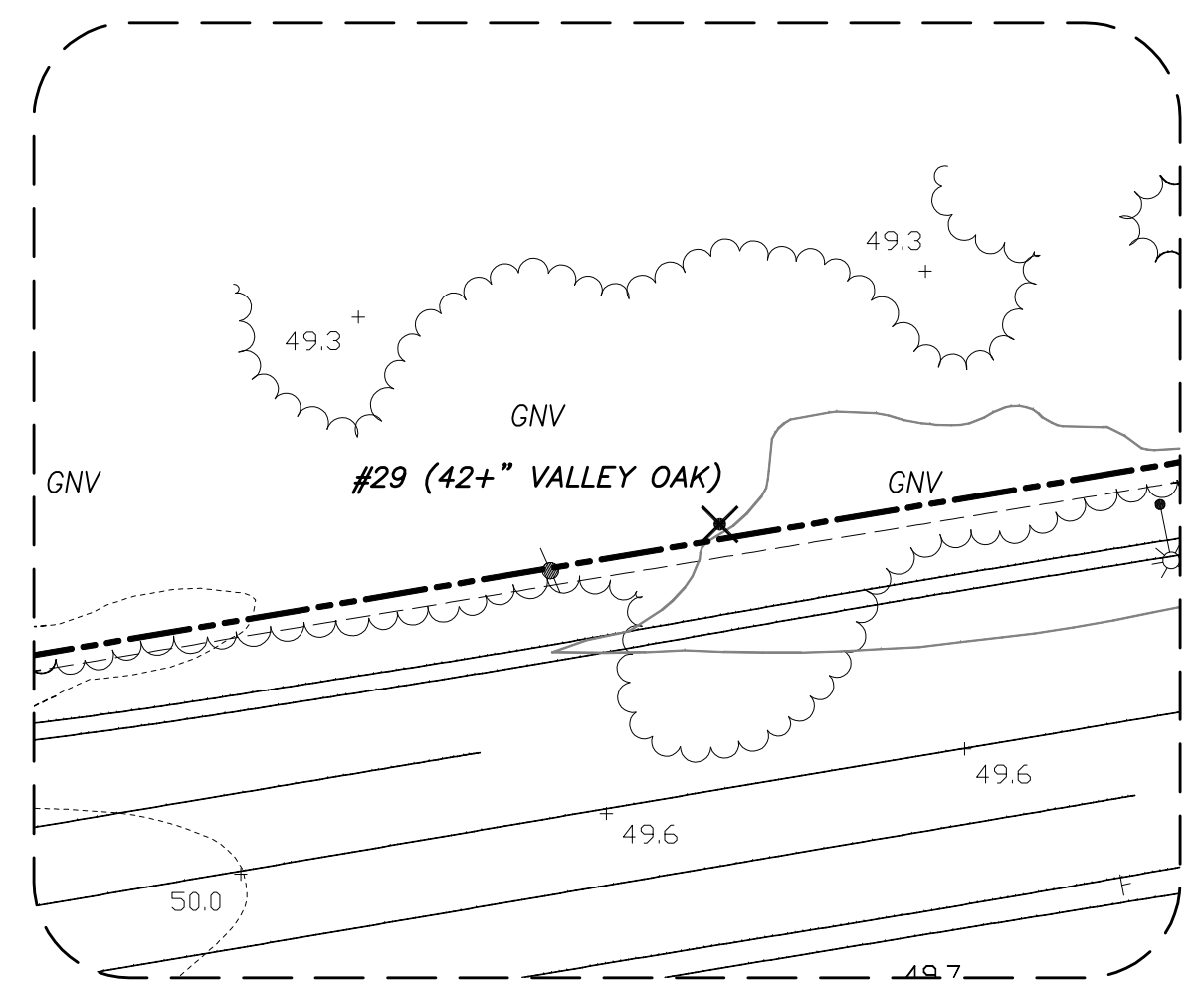
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OF **4**



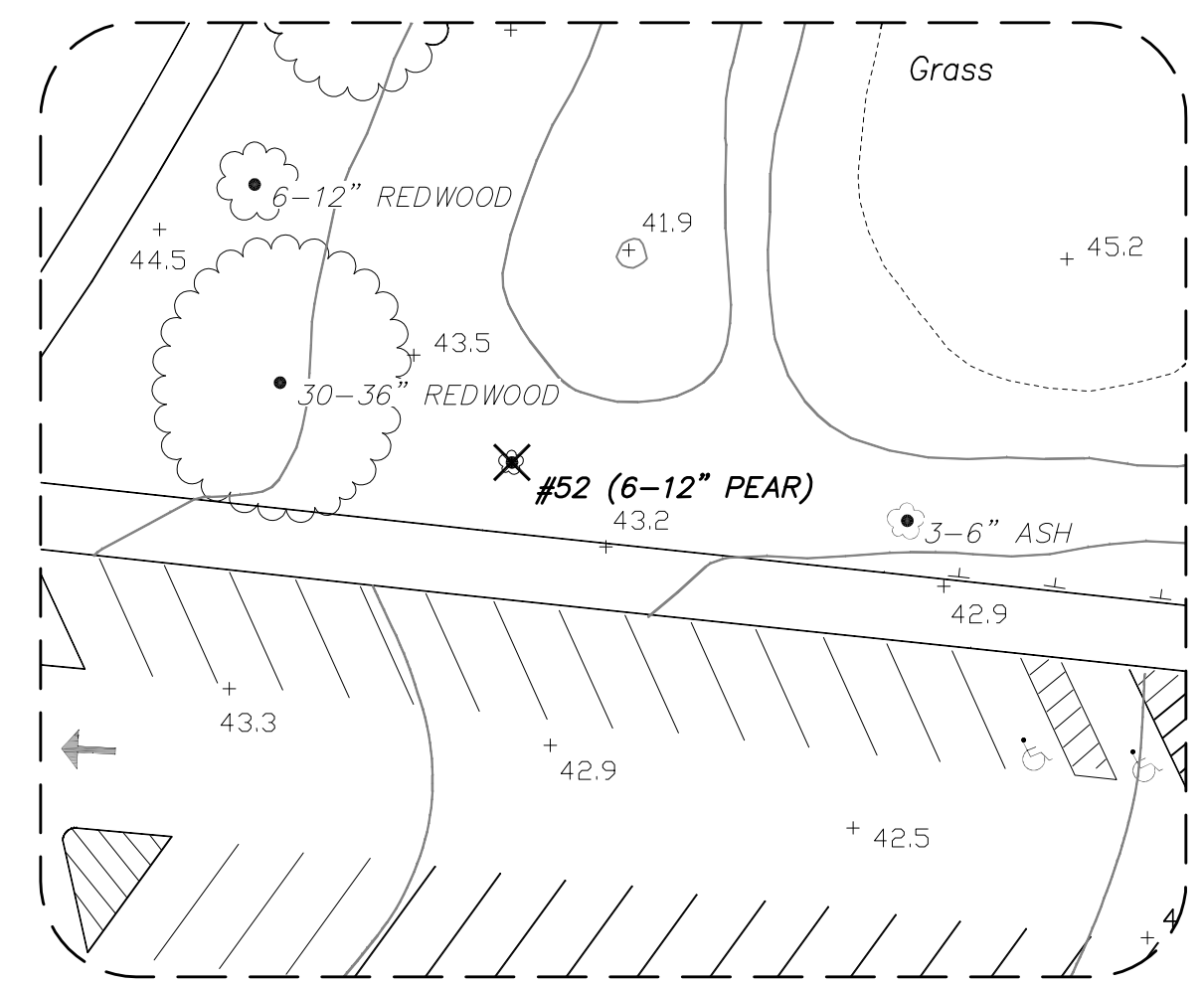
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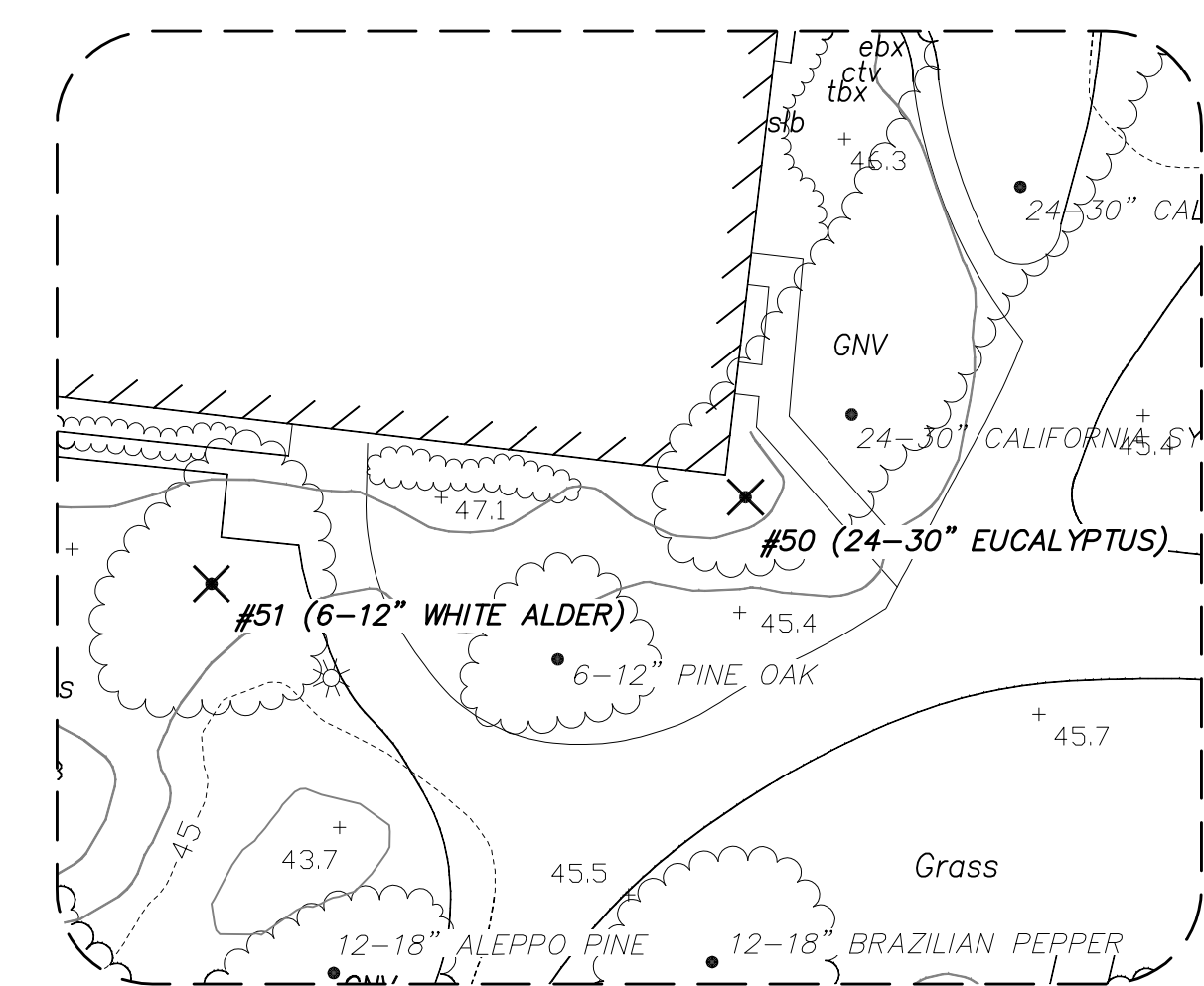
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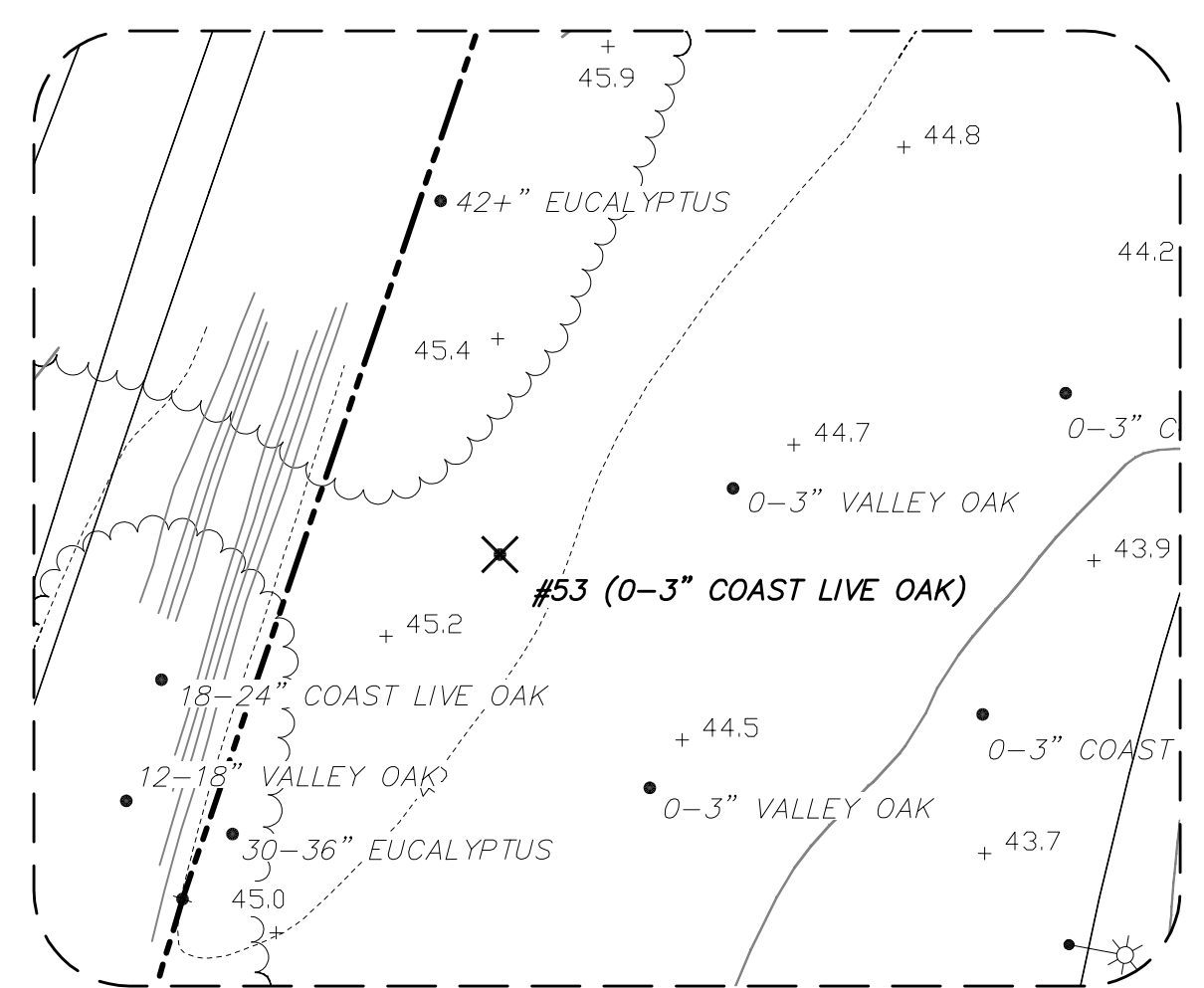
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SCALE: 1"=30'



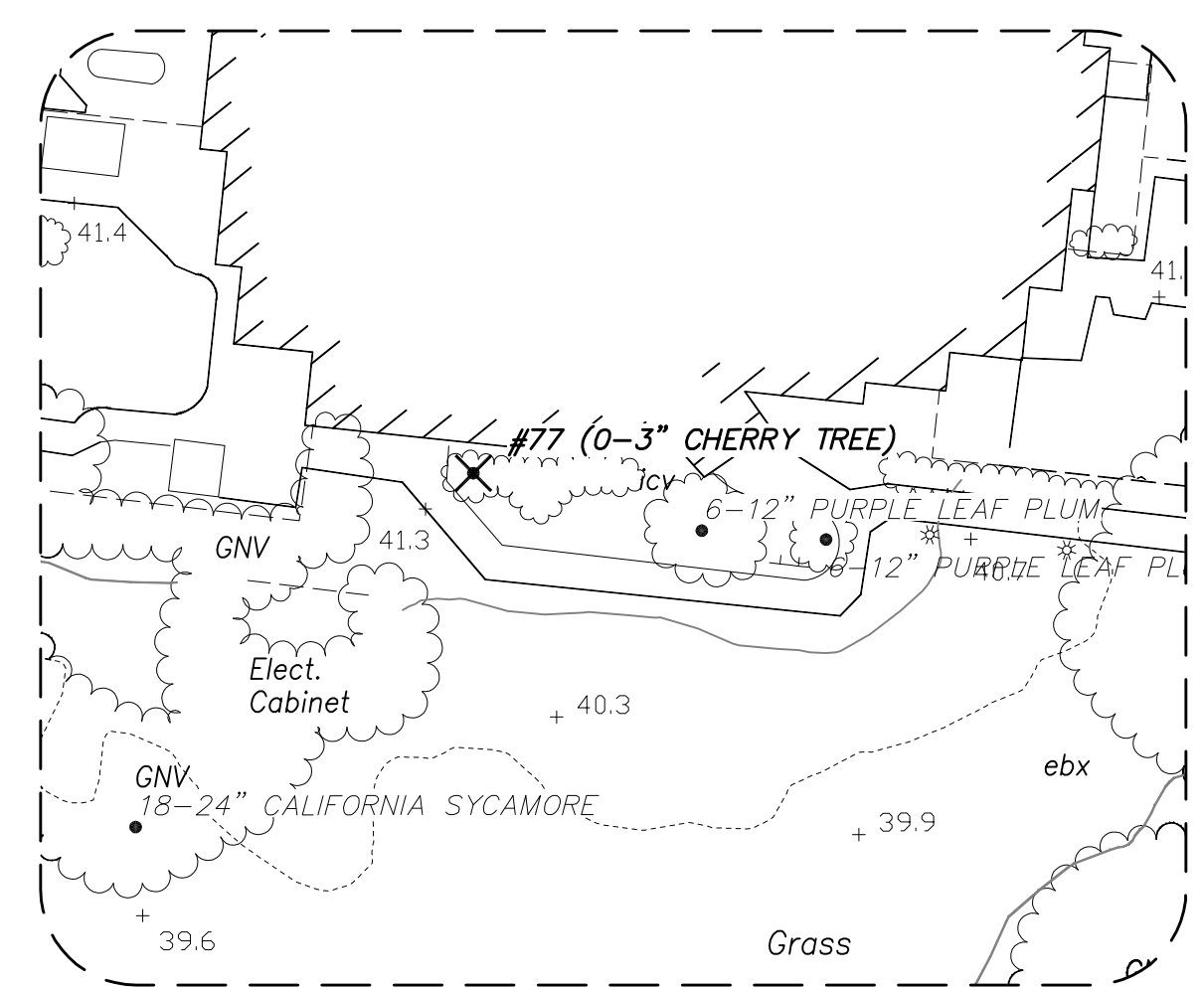
DETAIL 'H'
SCALE: 1"=30'



DETAIL 'I'
SCALE: 1"=30'



DETAIL 'J'
SCALE: 1"=30'



DETAIL 'K'
SCALE: 1"=30'

DESIGNED BY:	BDF
DRAFTED BY:	CW
CHECKED BY:	BDF
ISSUE DATE:	07/24/15

FCE FOULK CIVIL ENGINEERING, INC.
Civil Engineering Land Surveying Planning
4777 Mangels Boulevard, Fairfield, CA 94534
(707)864-0784 fax (707)864-0793 e-mail: foulkce@gmail.com

REV.	DATE	DESCRIPTION	BY	APPROVED

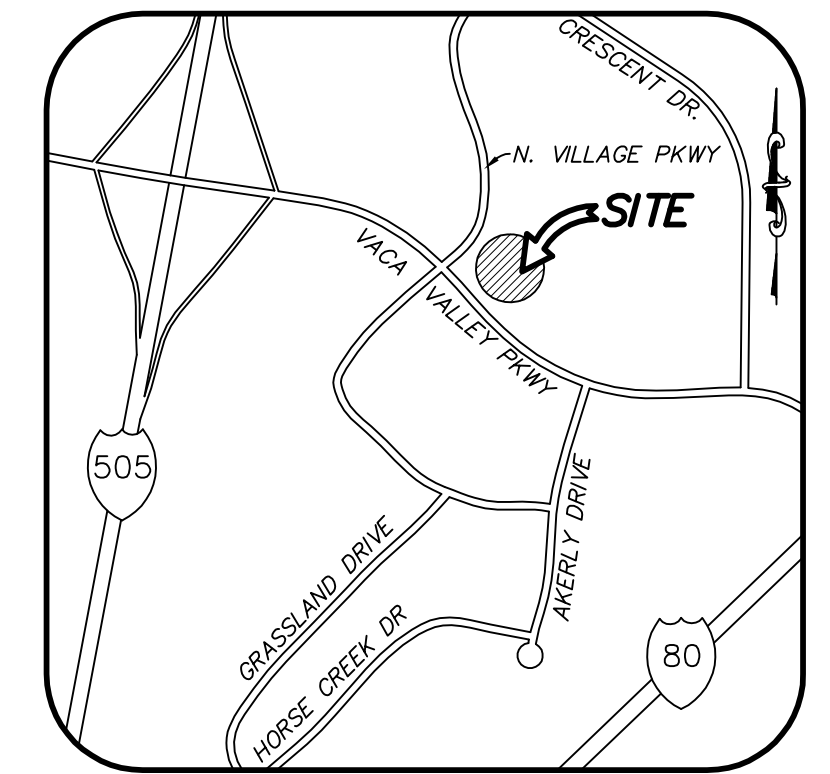
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SHEET TITLE:	DETAILS 'E' - 'K'		
SCALE:	AS NOTED	DWG. NO:	15-008-TREE
JOB NO:	15-008	XREF:	NONE

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SOLANO COMMUNITY COLLEGE, VACAVILLE CENTER TREE REMOVAL PLAN VACAVILLE, CALIFORNIA

TREES TO BE REMOVED		
TREE #	DESCRIPTION	TREE ID*
1	3-6" CHINESE PISTACHE	232183
2	0-3" REDWOOD	230528
3	0-3" REDWOOD	230526
4	0-3" REDWOOD	230525
5	6-12" WHITE ALDER	231464
6	12-18" WHITE ALDER	232134
7	12-18" WHITE ALDER	231272
8	12-18" WHITE ALDER	231271
9	12-18" WHITE ALDER	231270
10	12-18" WHITE ALDER	231268
11	12-18" WHITE ALDER	231269
12	12-18" WHITE ALDER	231267
13	12-18" WHITE ALDER	231265
14	12-18" WHITE ALDER	231266
15	12-18" WHITE ALDER	231264
16	12-18" WHITE ALDER	231263
17	12-18" WHITE ALDER	231262
18	12-18" WHITE ALDER	231251
19	12-18" WHITE ALDER	231250
20	12-18" WHITE ALDER	231249
21	6-12" WHITE ALDER	231252
22	12-18" WHITE ALDER	231261
23	12-18" WHITE ALDER	231259
24	12-18" WHITE ALDER	231258
25	12-18" WHITE ALDER	231260
26	12-18" WHITE ALDER	231257
27	18-24" UNKNOWN	232251
28	6-12" UNKNOWN	231254
29	6-12" FREMONT WESTERN COTTONWOOD	231255
30	18-24" FREMONT WESTERN COTTONWOOD	231256
31	6-12" UNKNOWN	231253
32	3-6" LOMBARDY POPLAR	232222

*ESTIMATE FOR SCOD-VACAVILLE CENTER LARGE
TREE HEALTH MITIGATION AND REMOVAL REPORT
BY A-PLUS TREE SERVICE CREATED JUNE 8, 2015



VICINITY MAP
NOT TO SCALE

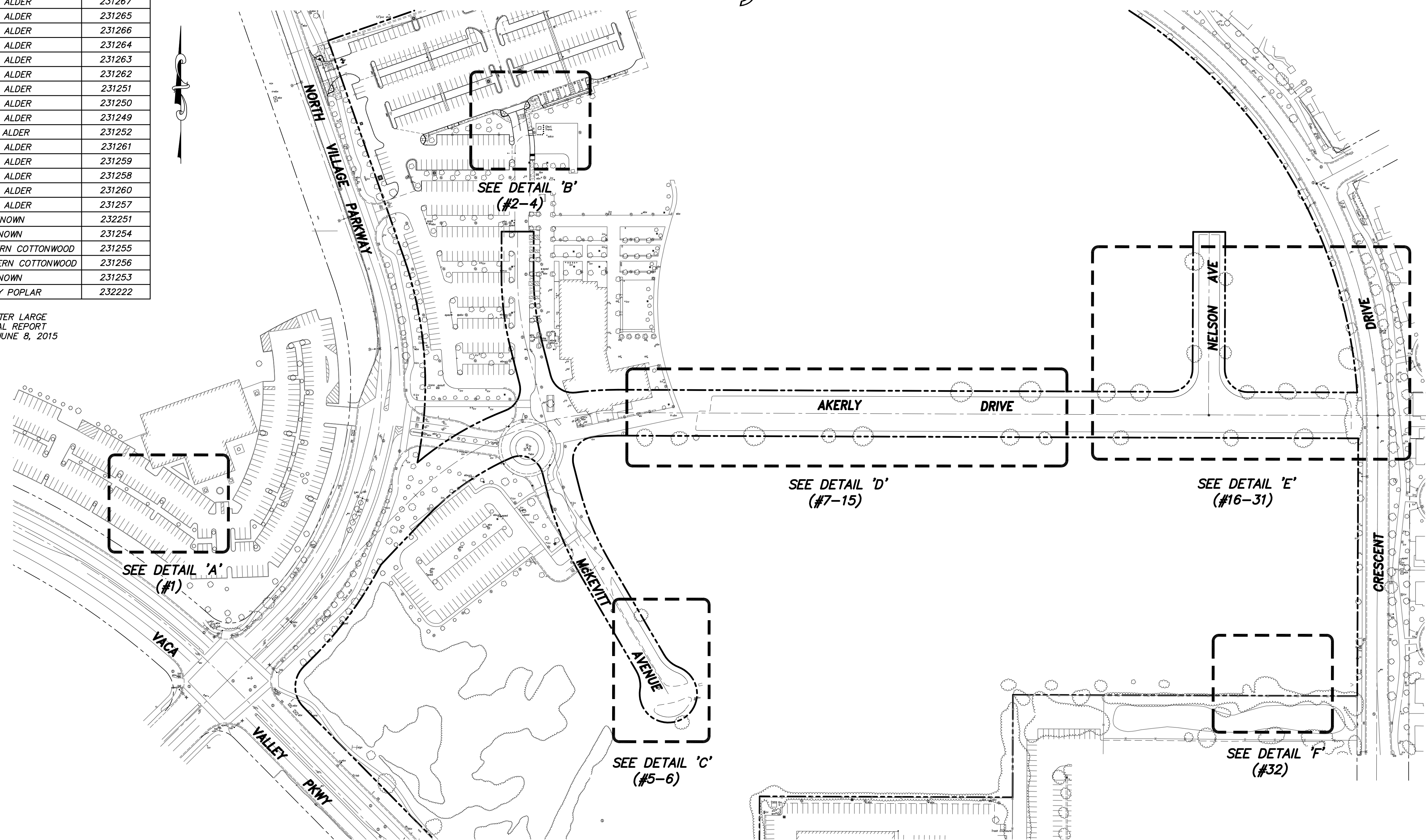
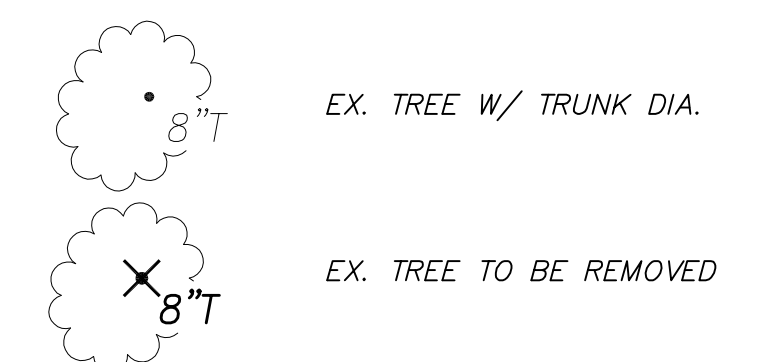
SHEET INDEX

- TITLE SHEET
- DETAILS 'A'-'F'

ABBREVIATIONS

AC	ASPHALT CONCRETE
COMM	COMMUNICATION
CONN	CONCRETE
CONN	CONNECT
DIA	DIAMETER
DWG	DRAWING
EA	EACH
EBX	ELECTRIC BOX
EC	EDGE OF CONCRETE
ELEC	ELECTRIC
EP	EDGE OF PAVEMENT
EPED	ELECTRIC PEDESTAL
EX/EXIST	EXISTING
FA	FIRE ALARM
GB	GRADE BREAK
GM	GAS METER
HCR	ADA ACCESSIBLE RAMP
INV	INVERT
IRR	IRRIGATION
SCO	SEWER CLEANOUT
SCC	SOLANO COMMUNITY COLLEGE
T	TREE/TELEPHONE
TBX	TELEPHONE BOX
TRANS	TRANSFORMER
TYP	TYPICAL

LEGEND



SITE MAP
SCALE: 1"=100'

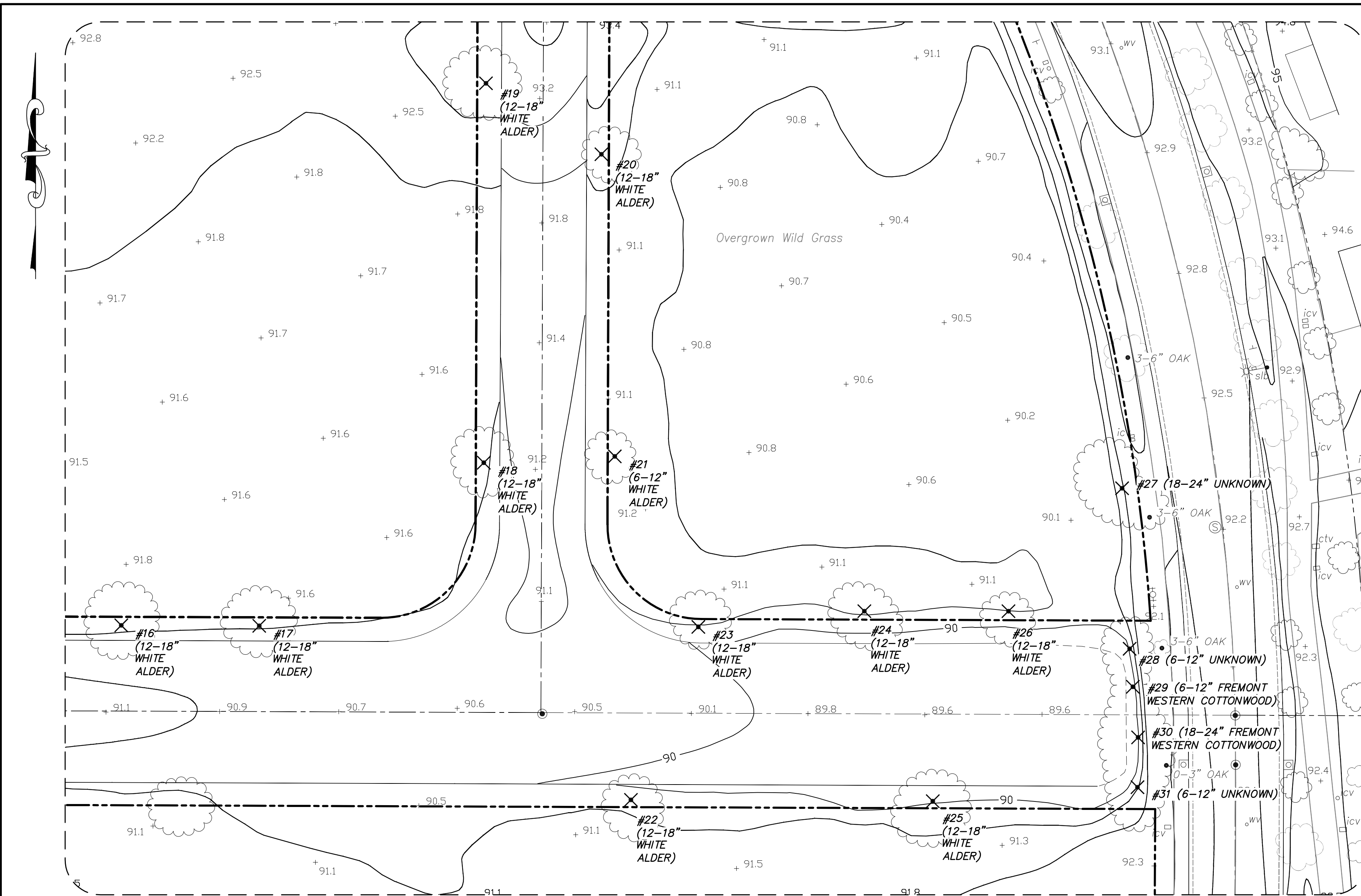
DESIGNED BY: BDF
DRAFTED BY: CW
CHECKED BY: BDF
ISSUE DATE: 07/24/15

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Civil Engineering Land Surveying Planning
4777 Mangels Boulevard, Fairfield, CA 94534
(707)864-0784 fax (707)864-0793 e-mail: foulkce@gmail.com

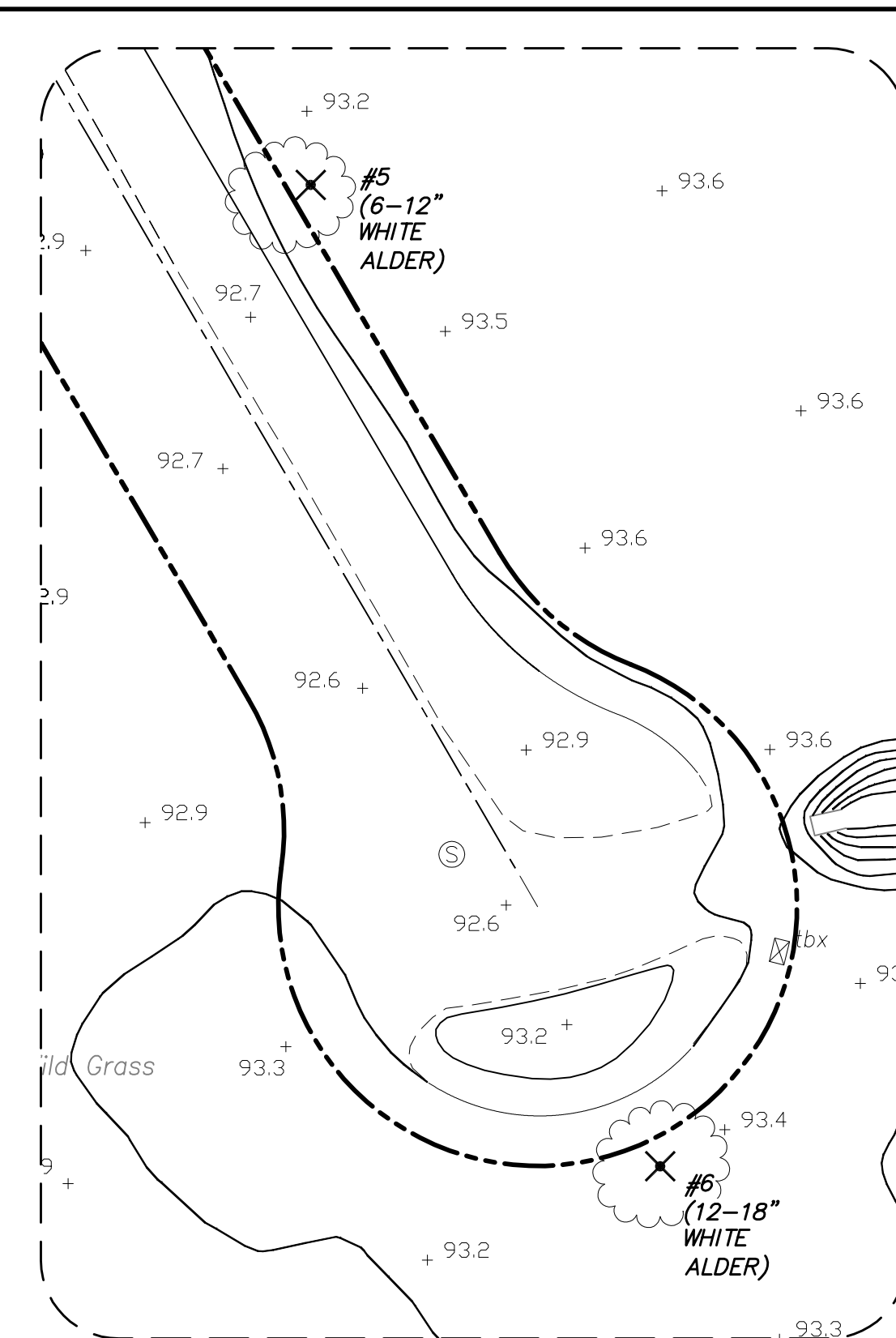
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PROJECT: SOLANO COMMUNITY COLLEGE, VACAVILLE CENTER
TREE REMOVAL PLAN
VACAVILLE, CA
SHEET TITLE: TITLE SHEET
SCALE: AS NOTED DWG. NO: 15-008-TREE JOB NO: 15-008 XREF: NONE

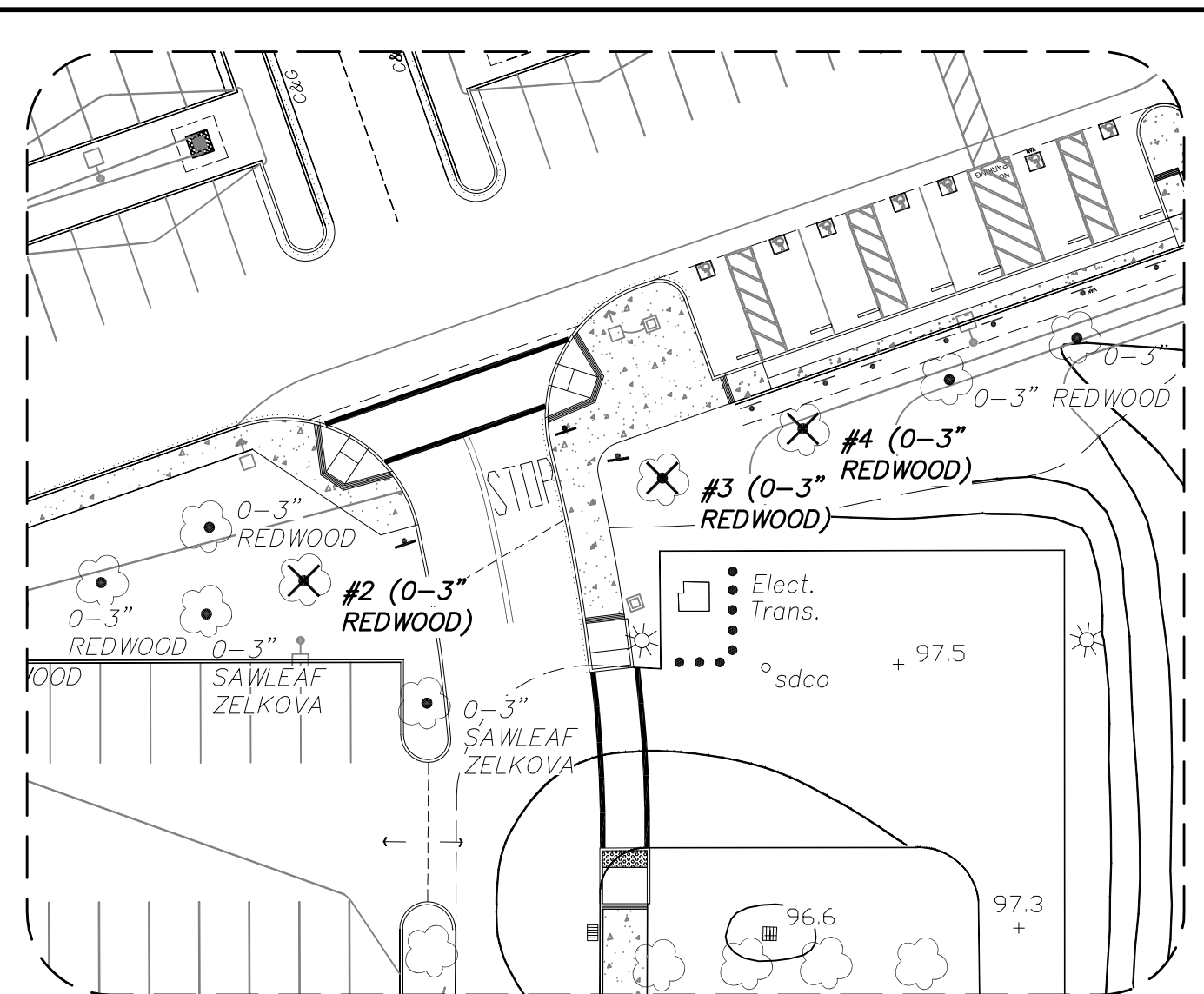
SHEET
1
OF 2



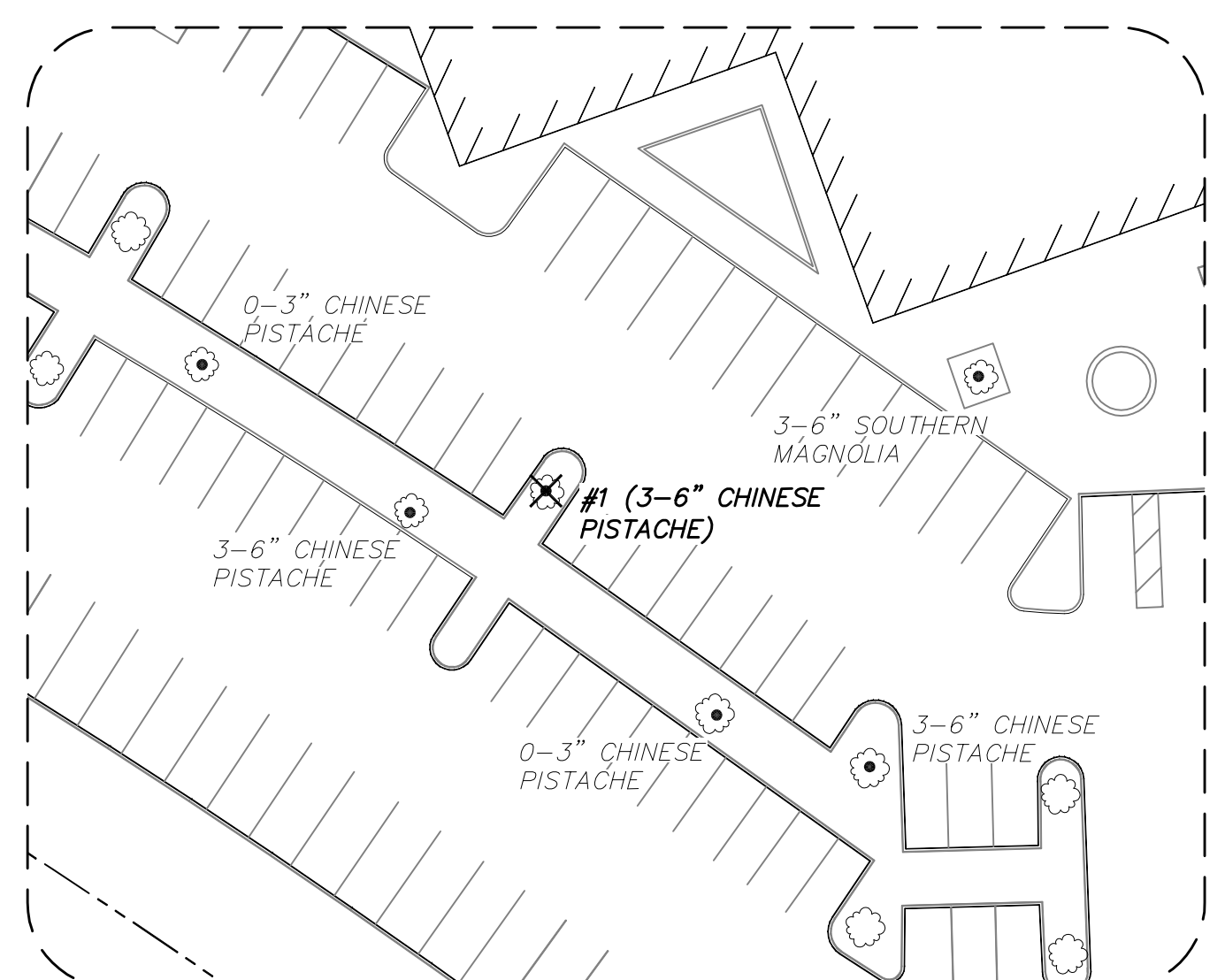
DETAIL 'E'
SCALE: 1"=30'



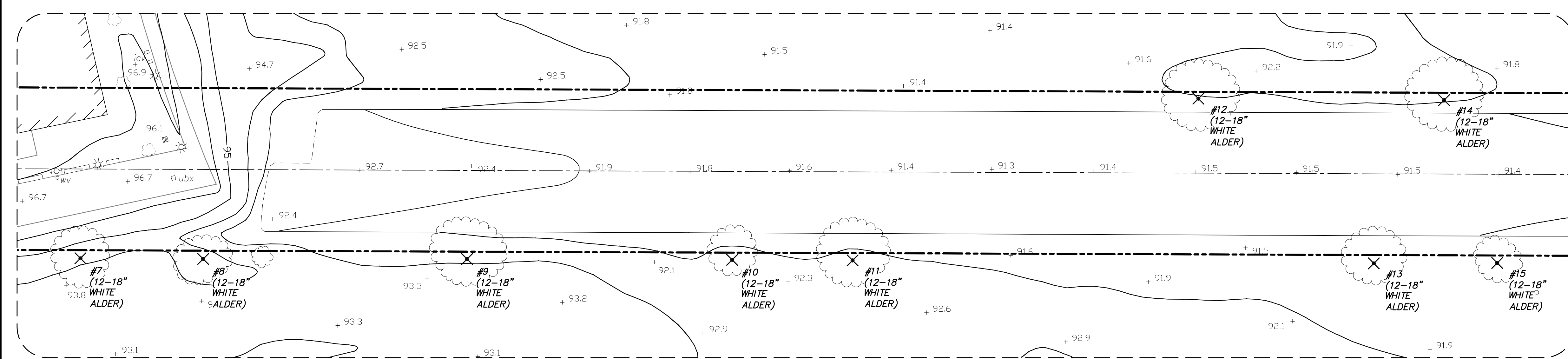
DETAIL 'C'
SCALE: 1"=30'



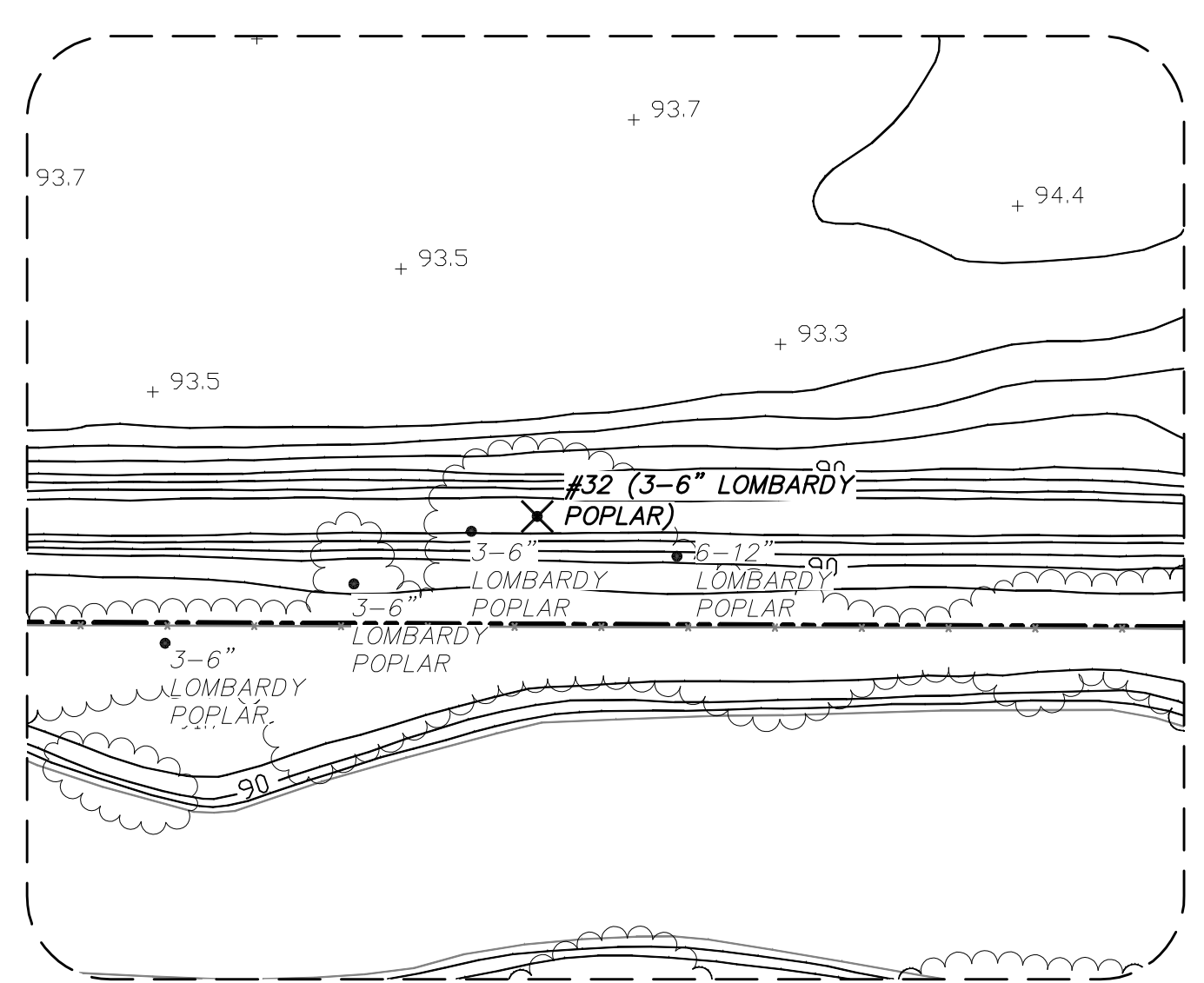
DETAIL 'B'
SCALE: 1"=30'



DETAIL 'A'
SCALE: 1"=30'



DETAIL 'D'
SCALE: 1"=30'



DETAIL 'F'
SCALE: 1"=30'

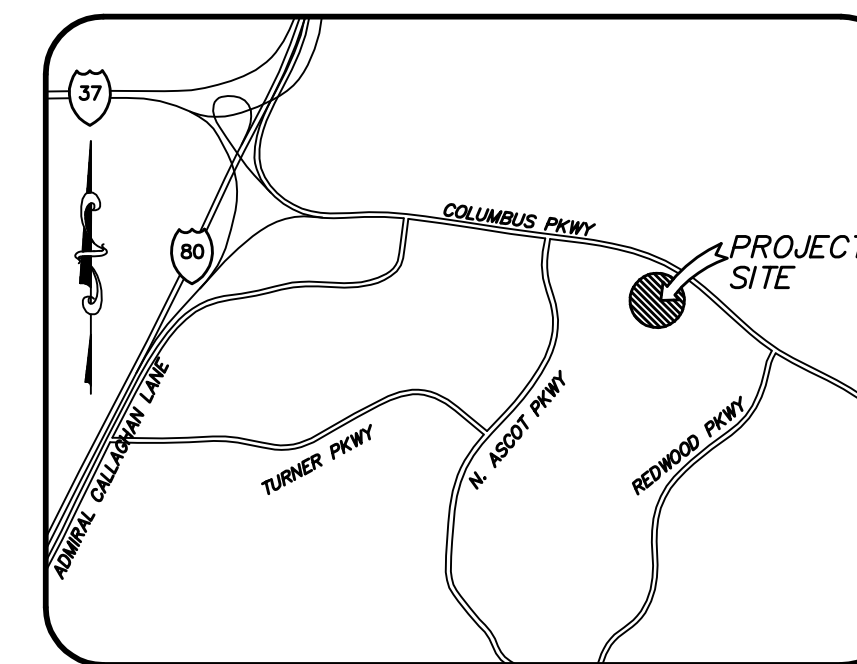
DESIGNED BY: BDF
 DRAFTED BY: CW
 CHECKED BY: BDF
 ISSUE DATE: 07/24/15

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 Civil Engineering Land Surveying Planning
 4777 Mangels Boulevard, Fairfield, CA 94534
 (707)864-0784 fax (707)864-0793 e-mail: foulkce@gmail.com

REV.	DATE	DESCRIPTION	BY	APPROVED

PROJECT: **SOLANO COMMUNITY COLLEGE, VACAVILLE CENTER**
TREE REMOVAL PLAN
VACAVILLE, CA
 SHEET TITLE: **DETAILS 'A' - 'F'**
 SCALE: AS NOTED DWG. NO: 15-008-TREE JOB NO: 15-008 XREF: NONE

SOLANO COMMUNITY COLLEGE, VALLEJO CENTER TREE CARE PLAN VALLEJO, CALIFORNIA



VICINITY MAP
NOT TO SCALE

SHEET INDEX

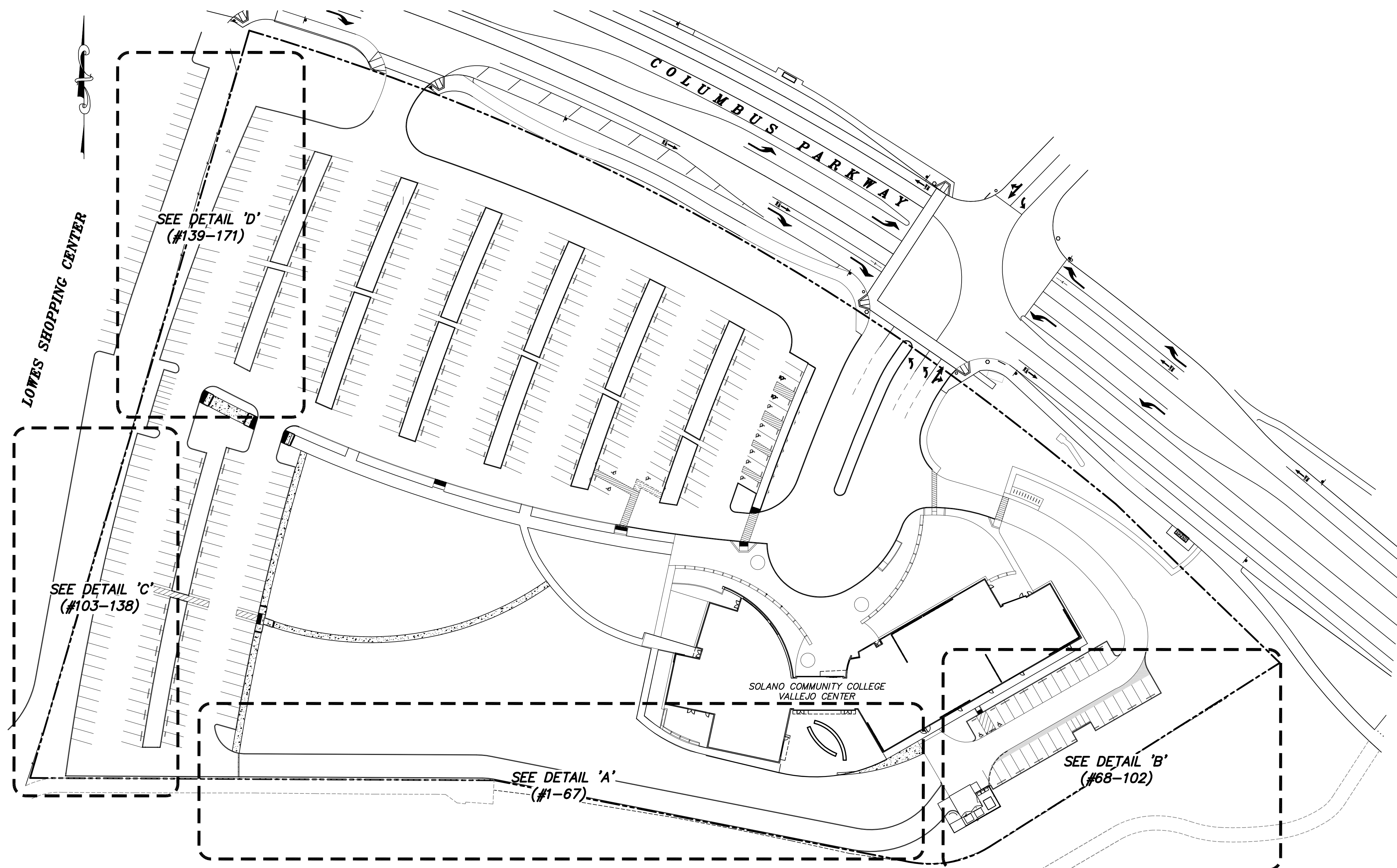
1. TITLE SHEET
2. DETAIL 'A' & TREE DATA TABLE
3. DETAILS 'B'-'D'

ABBREVIATIONS

AC	ASPHALT CONCRETE
COMM	COMMUNICATION
CONC	CONCRETE
CONN	CONNECT
DIA	DIAMETER
DWG	DRAWING
EA	EACH
EBX	ELECTRIC BOX
EC	EDGE OF CONCRETE
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FA	FIRE ALARM
GB	GRADE BREAK
GM	GAS METER
HCR	ADA ACCESSIBLE RAMP
INV	INVERT
IRR	IRRIGATION
SCO	SEWER CLEANOUT
SCC	SOLANO COMMUNITY COLLEGE
T	TREE/TELEPHONE
TBX	TELEPHONE BOX
TRANS	TRANSFORMER
TYP	TYPICAL

LEGEND

-
-



SITE MAP
SCALE: 1"=50'

DESIGNED BY: BDF
 DRAFTED BY: CW
 CHECKED BY: BDF
 ISSUE DATE: 07/24/15

FCE FOULK CIVIL ENGINEERING, INC.
 Civil Engineering Land Surveying Planning
 4777 Mangels Boulevard, Fairfield, CA 94534
 (707)864-0784 fax (707)864-0793 e-mail: foulkce@gmail.com

REV.	DATE	DESCRIPTION	BY	APPROVED

PROJECT: SOLANO COMMUNITY COLLEGE, VALLEJO CENTER
 TREE CARE PLAN
 VALLEJO, CA
 SHEET TITLE: TITLE SHEET
 SCALE: AS NOTED DWG. NO: 15-008-VALLEJO JOB NO: 15-008 XREF: NONE

SHEET
 1
 OF 3



DETAIL 'A'
SCALE: 1"=20'

TREES TO BE PRUNED/STAKE REMOVED

TREE #	DESCRIPTION	TREE ID*
1	3-6" LOMBARDY POPLAR	232416
2	3-6" LOMBARDY POPLAR	232420
3	3-6" LOMBARDY POPLAR	232423
4	3-6" LOMBARDY POPLAR	232426
5	3-6" LOMBARDY POPLAR	232430
6	3-6" LOMBARDY POPLAR	232433
7	3-6" LOMBARDY POPLAR	232436
8	0-3" LOMBARDY POPLAR	232438
9	3-6" LOMBARDY POPLAR	232439
10	3-6" LOMBARDY POPLAR	232440
11	0-3" LOMBARDY POPLAR	232441
12	3-6" LOMBARDY POPLAR	232442
13	3-6" LOMBARDY POPLAR	232443
14	3-6" LOMBARDY POPLAR	232444
15	3-6" LOMBARDY POPLAR	232445
16	6-12" LOMBARDY POPLAR	232446
17	3-6" LOMBARDY POPLAR	232447
18	3-6" LOMBARDY POPLAR	232448
19	3-6" LOMBARDY POPLAR	232449
20	3-6" LOMBARDY POPLAR	232450
21	3-6" LOMBARDY POPLAR	232451
22	3-6" LOMBARDY POPLAR	232452
23	6-12" LOMBARDY POPLAR	232453
24	3-6" LOMBARDY POPLAR	232454
25	6-12" LOMBARDY POPLAR	232455
26	6-12" LOMBARDY POPLAR	232456
27	6-12" LOMBARDY POPLAR	232457
28	3-6" LOMBARDY POPLAR	232458
29	3-6" LOMBARDY POPLAR	232412
30	6-12" LOMBARDY POPLAR	232406
31	6-12" LOMBARDY POPLAR	232403
32	3-6" LOMBARDY POPLAR	232397
33	6-12" LOMBARDY POPLAR	232400
34	3-6" LOMBARDY POPLAR	232392
35	6-12" LOMBARDY POPLAR	232389
36	6-12" LOMBARDY POPLAR	232386
37	3-6" LOMBARDY POPLAR	232383
38	6-12" LOMBARDY POPLAR	232381
39	6-12" LOMBARDY POPLAR	232375
40	6-12" LOMBARDY POPLAR	232372

TREES TO BE PRUNED/STAKE REMOVED

TREE #	DESCRIPTION	TREE ID*
41	6-12" LOMBARDY POPLAR	232368
42	6-12" LOMBARDY POPLAR	232365
43	6-12" VALLEY OAK	232578
44	6-12" LOMBARDY POPLAR	232363
45	6-12" LOMBARDY POPLAR	232359
46	6-12" LOMBARDY POPLAR	232356
47	6-12" LOMBARDY POPLAR	232354
48	6-12" LOMBARDY POPLAR	232351
49	6-12" LOMBARDY POPLAR	232348
50	6-12" LOMBARDY POPLAR	232345
51	6-12" LOMBARDY POPLAR	232339
52	6-12" LOMBARDY POPLAR	232334
53	6-12" LOMBARDY POPLAR	232331
54	6-12" LOMBARDY POPLAR	232327
55	6-12" LOMBARDY POPLAR	232320
56	6-12" LOMBARDY POPLAR	232314
57	6-12" LOMBARDY POPLAR	232309
58	6-12" LOMBARDY POPLAR	232304
59	6-12" LOMBARDY POPLAR	232299
60	6-12" LOMBARDY POPLAR	232298
61	6-12" LOMBARDY POPLAR	232297
62	6-12" LOMBARDY POPLAR	232296
63	0-3" LOMBARDY POPLAR	232295
64	0-3" LOMBARDY POPLAR	232294
65	0-3" LOMBARDY POPLAR	232293
66	0-3" LOMBARDY POPLAR	232292
67	0-3" LOMBARDY POPLAR	232291
68	0-3" LOMBARDY POPLAR	232256
69	0-3" LOMBARDY POPLAR	232257
70	0-3" LOMBARDY POPLAR	232258
71	3-6" LOMBARDY POPLAR	232259
72	6-12" LOMBARDY POPLAR	232260
73	3-6" LOMBARDY POPLAR	232261
74	6-12" LOMBARDY POPLAR	232262
75	6-12" LOMBARDY POPLAR	232263
76	6-12" LOMBARDY POPLAR	232264
77	6-12" LOMBARDY POPLAR	232265
78	6-12" LOMBARDY POPLAR	232266
79	6-12" LOMBARDY POPLAR	232267
80	6-12" LOMBARDY POPLAR	232268

TREES TO BE PRUNED/STAKE REMOVED

TREE #	DESCRIPTION	TREE ID*
81	6-12" LOMBARDY POPLAR	232269
82	6-12" LOMBARDY POPLAR	232270
83	6-12" LOMBARDY POPLAR	232271
84	6-12" LOMBARDY POPLAR	232272
85	6-12" LOMBARDY POPLAR	232273
86	6-12" LOMBARDY POPLAR	232274
87	6-12" LOMBARDY POPLAR	232275
88	6-12" LOMBARDY POPLAR	232276
89	6-12" LOMBARDY POPLAR	232277
90	6-12" LOMBARDY POPLAR	232278
91	6-12" LOMBARDY POPLAR	232279
92	6-12" LOMBARDY POPLAR	232280
93	6-12" LOMBARDY POPLAR	232281
94	6-12" LOMBARDY POPLAR	232282
95	6-12" LOMBARDY POPLAR	232283
96	6-12" LOMBARDY POPLAR	232284
97	6-12" LOMBARDY POPLAR	232285
98	6-12" LOMBARDY POPLAR	232286
99	6-12" LOMBARDY POPLAR	232287
100	6-12" LOMBARDY POPLAR	232288
101	6-12" LOMBARDY POPLAR	232289
102	6-12" LOMBARDY POPLAR	232290
103	0-3" LOMBARDY POPLAR	232508
104	0-3" LOMBARDY POPLAR	232505
105	0-3" LOMBARDY POPLAR	232506
106	0-3" LOMBARDY POPLAR	232507
107	0-3" LOMBARDY POPLAR	232512
108	0-3" LOMBARDY POPLAR	232509
109	0-3" LOMBARDY POPLAR	232510
110	0-3" LOMBARDY POPLAR	232511
111	0-3" LOMBARDY POPLAR	232518
112	0-3" LOMBARDY POPLAR	232513
113	0-3" LOMBARDY POPLAR	232514
114	0-3" LOMBARDY POPLAR	232515
115	0-3" LOMBARDY POPLAR	232516
116	0-3" LOMBARDY POPLAR	232517
117	0-3" LOMBARDY POPLAR	232524
118	0-3" LOMBARDY POPLAR	232519
119	0-3" LOMBARDY POPLAR	232520
120	0-3" LOMBARDY POPLAR	232521

TREES TO BE PRUNED/STAKE REMOVED

TREE #	DESCRIPTION	TREE ID*
121	0-3" LOMBARDY POPLAR	232522
122	0-3" LOMBARDY POPLAR	232523
123	0-3" LOMBARDY POPLAR	232603
124	0-3" LOMBARDY POPLAR	232525
125	0-3" LOMBARDY POPLAR	232526
126	0-3" LOMBARDY POPLAR	232527
127	0-3" LOMBARDY POPLAR	232528
128	0-3" LOMBARDY POPLAR	232608
129	0-3" LOMBARDY POPLAR	232604
130	0-3" LOMBARDY POPLAR	232605
131	0-3" LOMBARDY POPLAR	232606
132	0-3" LOMBARDY POPLAR	232607
133	0-3" LOMBARDY POPLAR	232613
134	0-3" LOMBARDY POPLAR	232609
135	0-3" LOMBARDY POPLAR	232610
136	0-3" LOMBARDY POPLAR	232611
137	0-3" LOMBARDY POPLAR	232612
138	0-3" LOMBARDY POPLAR	232617
139	0-3" LOMBARDY POPLAR	232614
140	0-3" LOMBARDY POPLAR	232615
141	0-3" LOMBARDY POPLAR	232616
142	3-6" LOMBARDY POPLAR	232621
143	0-3" LOMBARDY POPLAR	232618
144	3-6" LOMBARDY POPLAR	232619
145	0-3" LOMBARDY POPLAR	232620
146	0-3" LOMBARDY POPLAR	232622
147	0-3" LOMBARDY POPLAR	232623
148	0-3" LOMBARDY POPLAR	232624
149	0-3" LOMBARDY POPLAR	232625
150	0-3" LOMBARDY POPLAR	232626
151	0-3" LOMBARDY POPLAR	232627
152	0-3" LOMBARDY POPLAR	232628
153	0-3" LOMBARDY POPLAR	232629
154	0-3" LOMBARDY POPLAR	232630
155	0-3" LOMBARDY POPLAR	232631
156	0-3" LOMBARDY POPLAR	232632
157	0-3" LOMBARDY POPLAR	232633
158	0-3" LOMBARDY POPLAR	232634
159	0-3" LOMBARDY POPLAR	232635
160	0-3" LOMBARDY POPLAR	232636

TREES TO BE PRUNED/STAKE REMOVED

TREE #	DESCRIPTION	TREE ID*
161	0-3" LOMBARDY POPLAR	232637
162	0-3" LOMBARDY POPLAR	232638
163	0-3" LOMBARDY POPLAR	232639
164	0-3" LOMBARDY POPLAR	232640
165	0-3" LOMBARDY POPLAR	232641
166	0-3" LOMBARDY POPLAR	232642
167	0-3" LOMBARDY POPLAR	232643
168	0-3" LOMBARDY POPLAR	232644
169	0-3" LOMBARDY POPLAR	232645
170	3-6" LOMBARDY POPLAR	232646
171	3-6" LOMBARDY POPLAR	232647

*ESTIMATE FOR SCCD-VALLEJO CAMPUS CROWN THINNING AND STAKE REMOVAL REPORT BY A-PLUS TREE SERVICE. INVENTORY CONDUCTED FROM 01/07/2015 - 01/15/2015 BY RONNICK LICUDO.

DESIGNED BY: BDF
DRAFTED BY: CW
CHECKED BY: BDF
ISSUE DATE: 07/24/15

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Civil Engineering Land Surveying Planning
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REV.	DATE	DESCRIPTION	BY	APPROVED

PROJECT: SOLANO COMMUNITY COLLEGE, VALLEJO CENTER
TREE CARE PLAN
VALLEJO, CA
SHEET TITLE: **DETAIL 'A' & TREE DATA TABLE**
SCALE: AS NOTED DWG. NO: 15-008-VALLEJO JOB NO: 15-008 XREF: NONE

SHEET
2
OF 3

Site Summary

Property Information

Solano Community College (Fairfield Campus)
4000 Suisun Valley Rd.
Fairfield, CA 94534

Inventory conducted from 01/07/2015 to 01/15/2015
By Ronnick Licudo

Site Overview

Total trees: 695+

Total species: 59

Dominant species:

- | | |
|-----------------------------|----------------------------|
| 1. Sawleaf Zelkova (76) | 6. Valley Oak (26) |
| 2. Aleppo Pine (72) | 7. Hawthorn (25) |
| 3. Coast Live Oak (48) | 8. Koelreuteria sp. (25) |
| 4. Eucalyptus (45) | 9. Canary Island Pine (20) |
| 5. California Sycamore (28) | 10. White Mulberry (16) |
| | 11. Crepe Myrtle (12) |

Small trees and Seasonal leaf drop:

The inventory did not include trees that were hedged as these would be best managed with regular shearing and/or pruning by landscapers. Although nearly all the trees are included in the inventory, some smaller trees can be maintained by landscapers until they grow out of reach. These trees are mostly noted in ARBORplus.

The health of some of the trees may not be accurate because of fall leaf drop. Recommendations made for these trees can be adjusted following reassessment in the spring when they have new growth.

Scope of Work

Unlike the other two campuses, majority of the trees in this campus are well established. Early observations of the property include trees with poor to fair structure, concrete deformation and trees planted too close to buildings. The row of Eucalyptus located along Suisun Valley road and a Grove of Eucalyptus near the horticulture department all has tall upward growth with a top heavy canopy. Due to their narrow trunks and poor lateral attachments, a reduction of their crown is recommended so that the branch scaffolds would not succumb to failure. The grove of Eucalyptus is usually prioritized last but if there are specific trees that would want immediate work, the management should notify us.

The campus has significant hardscape damage caused by the root systems of specific trees. Camphors, Sycamores, Aleppo Pines and olives, all damaged the concrete divider and its side curb. There are many causes of this but it is also dependent on how the tree is planted, in which we do not have the

record of. Potential causes of the damages could be due to the maturity of the trees being greater than 15 to 20 years old, trees planted in restricted soil volumes, shallow top soil in which majority of the desired nutrients are concentrated, shallow foundations underneath the sidewalk, shallow irrigation systems. Removal is recommended for these trees to prevent further damage because the repair cost of concrete damage would cost a lot.

Some trees specially the larger trees are either significantly close to buildings or have extended branches towards building. This would be an issue for fire safety because there is a required three foot clearance that separates the trees from the façade of the building. In order to resolve this issue, proper pruning techniques will be implemented on specific trees while also providing the needed clearance. Trees such as the redwoods that are planted too close to buildings will be provided with TGR (Tree Growth Regulator) in order to slow down the growth of lateral branches but also improve its canopy growth.

There are some young trees planted on the property such as the soccer fields, softball field and baseball field areas. It is important to establish their structure early on which is why “young tree training” is issued as a treatment. Also, multiple young trees still have stakes attached onto them, and it is also important to remove these in order for these trees to develop a good taper and root structure for stability.

Pears display signs of fireblight, therefore, proper sterilization of equipment in every pruning cut will be implemented in order to slow the spreading. In addition, fireblight treatment will also be sprayed in infected areas to also minimize the spread of the bacterial disease.

Majority of the trees already have well established structures. Though the architecture of the tree is poor due to many multiple leaders of a tree, we can still crown reduce them to lessen the load each branch would have to carry. This will entail to a lesser chance of failing for it is a liability if such branch would fall onto something such as a vehicle. In addition, many Aleppo pines are lion-tailed (the interior canopy of the tree is overly thinned). This is an issue due to the following reasons: lion-tailed trees allows limbs to become weak and may break especially due to the trees top heavy structure, Sunscald can also become an issue due to the increase of sunlight on the interior of the trees due to the lack of interior foliage, vigorous new growth will develop within the interior part of the tree and will form with poor and weak attachments, numerous foliage were removed causing less stored energy for future growth. Increased branch failure, as a result of energy deficiency, can be hazardous to pedestrians especially because these trees are located near high pedestrian traffic areas.

The scope of work is to eliminate trees causing damage to the property, properly prune trees in order for them to have a reliable structure that would not fail and also fertilization of trees doing poorly. It is noted that some trees can be pruned by staff if they are 12' or less.

Trees recommended for removal may either be delayed or removed sooner. There are several trees that are causing hardscape damage or are within close proximities of buildings that are recommended for removals. Majority of the trees are recommended to be removed within the first year of tree work but this can be modified to be removed later within the three year process for budgeting purposes.

Stump Grind is included for the majority of removals, though the recommendation can be removed if the college does not want the stumps to be grinded. The purpose of the recommendation is to allow for future implementation of a tree replacement plan in order to maintain the canopy density of the site.

Observation and Recommendation

The request for proposal was accompanied by specific concerns, which are addressed below.

Removals:



Camphors, Sycamores, and Olives in parking lots.

The following trees have caused concrete deformation of the divider. (ie. Pavement and curb). In addition, some of the mentioned trees that are leaning could be a potential hazard to the property.

Level of hazard for Sycamores and Camphors: Medium to High depending on automobile traffic.

Level of hazard for Olives: Low

Approximated cost of Removals: \$15,110.00
Approximated cost of Grind Stumps: \$4,390.00



Aleppo Pines along Solano College Road (Baseball field).

The following trees have caused concrete deformation of the divider. (ie. Pavement and curb). In addition, some of the mentioned trees that are leaning could be a potential hazard to the property.

Level of hazard: Medium, dependent on pedestrian traffic.

Approximated cost of Removals: \$15,110.00
Approximated cost of Grind Stumps: \$4,390.00



Trees planted near buildings

These trees (Alder, Eucalyptus, Elm, Cherry, etc.) are planted too close to building proximities. The reason for the recommendation is the fact that it could cause potential damage to the foundation of buildings. Also, due to their close distance to the buildings, these trees will constantly need clearance pruning and it would be more cost-effective in the long run to remove the tree instead.

Level of hazard: Low

Approximated cost of Removals: \$ 2,425.00

Approximated cost of Grind Stumps: \$ 640.00

Site Summary

Property Information

Solano Community College (Vacaville Campus)
2001 North Village Parkway
Vacaville, CA 95688

Inventory conducted from 01/07/2015 to 01/15/2015
By Ronnick Licudo

Site Overview

Total trees: 496+

Total species: 25

Dominant species:

- | | |
|----------------------|--------------------------|
| 1. Raywood Ash (81) | 6. Chinese Pistache (30) |
| 2. Callery Pear (55) | 7. Redwood (29) |
| 3. Hornbeam (42) | 8. White Alder (28) |
| 4. Oak (36) | 9. Italian Alder (26) |
| 5. Crepe Myrtle (36) | 10. Gingko (26) |

Small trees and Seasonal leaf drop:

The inventory did not include trees that were hedged as these would be best managed with regular shearing and/or pruning by landscapers. Although nearly all the trees are included in the inventory, some smaller trees can be maintained by landscapers until they grow out of reach. These trees are mostly noted in ARBORplus.

The health of some of the trees may not be accurate because of fall leaf drop. Recommendations made for these trees can be adjusted following reassessment in the spring when they have new growth.

Scope of Work

Being that the Vacaville Campus is one of the newer campuses, it is expected to have majority of the trees to be in its youth stage. The fact that majority of the trees are young, it is important to maintain their health so that they would grow with minimal complication in the future which is why early fertilization is recommended. In addition, structure will also need to be maintained during the trees' earlier years. This will be done by implementing structural pruning techniques for the younger trees (Young tree training) so that a central leader with adequate lateral branch attachments is maintained. Other than their overall structure, developing their structural stability is also as important. A lot of the young trees still have stakes attached onto them, and it is also important to remove these in order for these trees to develop a good taper and root structure for stability in case of strong wind pressures.

The White Alders located on the east side of the property are generally in poor condition with

majority having poor structure. Due to their poor structure and health, some branch attachments have failed. For health, structural and aesthetic reasons, these trees should be removed especially if the campus plans to expand.

Pears display signs of fireblight, therefore, proper sterilization of equipment will be implemented in order to prevent further spreading. In addition, fireblight treatment will also be sprayed in infected areas to minimize the spread of the bacterial disease.

There is also a row of Lombardy poplars along the swale/stream in the southwest side boundary of the property. These trees will usually be prioritized last due to their distance from automobile and pedestrian traffic, as well as the main buildings.

The scope of work is to mainly implement proper pruning techniques onto the young trees to acquire/maintain acceptable structure. Fertilization will also be included into the scope of work for it will improve the health of trees within the property. Trees that are under 12' and below can be pruned by staff, which is noted in the inventory.

Observation and Recommendation

The request for proposal was accompanied by specific concerns, which are addressed below.

Removals:



White Alders

The majority of White Alders presented presents poor structure and displays multiple signs of broken limbs. Some of the trees in the area have declining canopies. The trees is recommended to be removed due to health and structural reasons. In addition, if the campus plans to expand, the trees should also be removed for aesthetic reasons.

Level of hazard: low

Approximated cost of Removals: \$10,150.00

Approximated cost of Grind Stumps: \$3,160.00



Young Redwood trees in the parking lot

The canopy had diedback and eighty percent of the foliage had declined.

Level of hazard: None

Approximated cost of Removals: \$180.00

Approximated cost of Grind Stumps: \$ 0.00

Site Summary

Property Information

Solano Community College (Vallejo Campus)
545 Columbus Pkwy
Vallejo, CA 94591

Inventory conducted from 01/07/2015 to 01/15/2015
By Ronnick Licudo

Site Overview

Total trees: 415+

Total species: 9

Dominant species:

- | | |
|--------------------------|-----------------------|
| 1. Lombardy Poplar (170) | 6. Eucalyptus (13) |
| 2. Chinese Pistache (87) | 7. Coast Live Oak (9) |
| 3. Valley Oak (53) | 8. Gingko (7) |
| 4. Chinese Elm (42) | 9. Crepe Myrtle (6) |
| 5. Honey Locust (28) | |

Small trees and Seasonal leaf drop:

The inventory did not include trees that were hedged as these would be best managed with regular shearing and/or pruning by landscapers. Although nearly all the trees are included in the inventory, some smaller trees can be maintained by landscapers until they grow out of reach. These trees are mostly noted in ARBORplus.

The health of some of the trees may not be accurate because of fall leaf drop. Recommendations made for these trees can be adjusted following reassessment in the spring when they have new growth.

Scope of Work

The Vallejo Campus is the latest one to be established so it is expected to have majority of the trees to be young and have been recently planted. Due to their youth stages, it is important to maintain or improve their health so that they would grow with minimal complication in the future which is why early fertilization is recommended. In addition, structure will also need to maintain during the trees' earlier years. This will be done by implementing structural pruning techniques for young trees (Young tree training) so that in the future they will maintain a central leader that could support the load of lateral branch attachments. Other than their overall structure, developing their structural stability is also as important. A lot of these young trees still have stakes attached onto them, and it is also important to remove these in order for trees to develop a good taper and root structure for stability in case of strong wind pressures.

There is a row of Lombardy Poplars in the back of the campus building that are all well established

in structure. Removing the stakes of these trees will allow its leader to develop a better taper and a stronger root system for structural stability. Also in compromise of removing the stakes, thinning of such trees will allow for strong wind pressure to pass through easier so that it would not completely tip the tree in case of an extremely strong wind.

The scope of work is to mainly implement proper pruning techniques onto the young trees to acquire/maintain acceptable structure. Fertilization will also be included into the scope of work for it will improve the health of trees within the property. Trees that are under 12' and below can be pruned by staff, which is noted in the inventory.

Observation and Recommendation

The request for proposal was accompanied by specific concerns, which are addressed below.

Crown thin and removal of stakes:



Lombardy Poplar

Future thinning to allow strong wind pressure to easily pass through the canopy.

Level of hazard: None

Approximated cost of Crown Thin: \$ 4, 771.00

Cost of stake removal: \$ 0.00