LEGEND

EXISTING		PROPOSED
	PROPERTY LINE	
	RIGHT OF WAY	
	CENTER LINE	
○	MANHOLE	●
Ⓣ	TELEPHONE MANHOLE	
Ⓔ	ELECTRIC MANHOLE DRAIN	
	INLET	■
8"W	WATER LINE	8"W
CTV	CABLE TV CONDUITS LINE	
12"SD	DRAIN LINE	12"SD
6"SS	SEWER LINE	6"SS
18"CS	COMBINED SERVICE LINE	18"CS
	FIRE HYDRANT	
	WATER VALVE	
	POST IND. VALVE	
	SEWER CLEAN OUT	
M	WATER METER	M
	FIRE DEPT. CONNECTION	
	ENLARGER/REDUCER	
	THRUST BLOCK	
	CONCRETE CURB	
155.10	SPOT ELEVATION	35.25 FG
RIDGE	RIDGE LINE	RIDGE
	TOP OF PAVEMENT	46.50 TP
	TOP OF WALK	46.50 TW
	EDGE OF PAVEMENT	
	DRAINAGE DIRECTION	
	SIGNAL LIGHT	
	PARKING LIGHT	
UGT	U.G. TELEPHONE LINE	
UGE	U.G. ELECTRIC LINE	
	PULL BOX	
	UTILITY POLE	
G	GAS METER	
CTV	CABLE TV BOX	
	UTILITY POLE W/GUY	
	PUBLIC STREET LIGHT	
	SIGN	
	FENCE	
	WALL	
	GUARD POST	
	BENCH MARK	
	TREE TO BE REMOVED	
	TREE	
	VAULT	
	LANDSCAPE DRAIN	
	BACKFLOW DEVICE	

ABBREVIATIONS

ABS	ACRYLONITRILE–BUTADIENE –STYRENE	R	RADIUS
AD	AREA DRAIN	R/W	RIGHT OF WAY
AFL	ABOVE FLOWLINE	RWL	RAIN WATER LEADER
BW	BOTTOM OF WALL	RP	REDUCED PRESSURE
BFF	BELOW FINISH FLOOR	S	SEWER
COTG	CLEANOUT (TO GRADE)	S=	SLOPE
DCA	DOUBLE CHECK ASSEMBLY	SD	STORM DRAIN
DI	DRAIN INLET	SDCO	STORM DRAIN CLEANOUT
FDC	FIRE DEPT CONNECTION	SOV	SHUT OFF VALVE
FF	FINISHED FLOOR	SS	SANITARY SEWER
FG	FINISH GRADE AROUND EXTERIOR OF THE BUILDING EXCEPT FLAT WORK	SSCO	SANITARY SEWER CLEANOUT
		T	TRANSFORMER
FH	FIRE HYDRANT	TBW	TOP BACK OF WALK
FL	FLOWLINE	TC	TOP OF CURB
FS	FIRE SERVICE	TG	TOP OF GRATE
GB	GRADE BREAK	TP	TOP OF PAVEMENT
GR	GRATE	TS	TOP OF SIDEWALK
HP	HIGH POINT	TW	TOP OF WALL
IRR	IRRIGATION SERVICE	W	WATER
LF	LINEAL FEET	WM	WATER METER
MH	MANHOLE	WS	WATER SERVICE
NTS	NOT TO SCALE	VCP	VITRIFIED CLAY PIPE
PL	PROPERTY LINE	SRCP	SANTA ROSA CAST PRODUCT
PVC	POLYVINYL CHLORIDE		

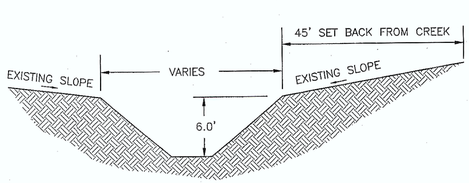
TREE INFORMATION

DATA SHOWN IS BASED ON TREE INVENTORY DATED APRIL 24, 2008, PREPARED BY HDR ENGINEERING, INC.

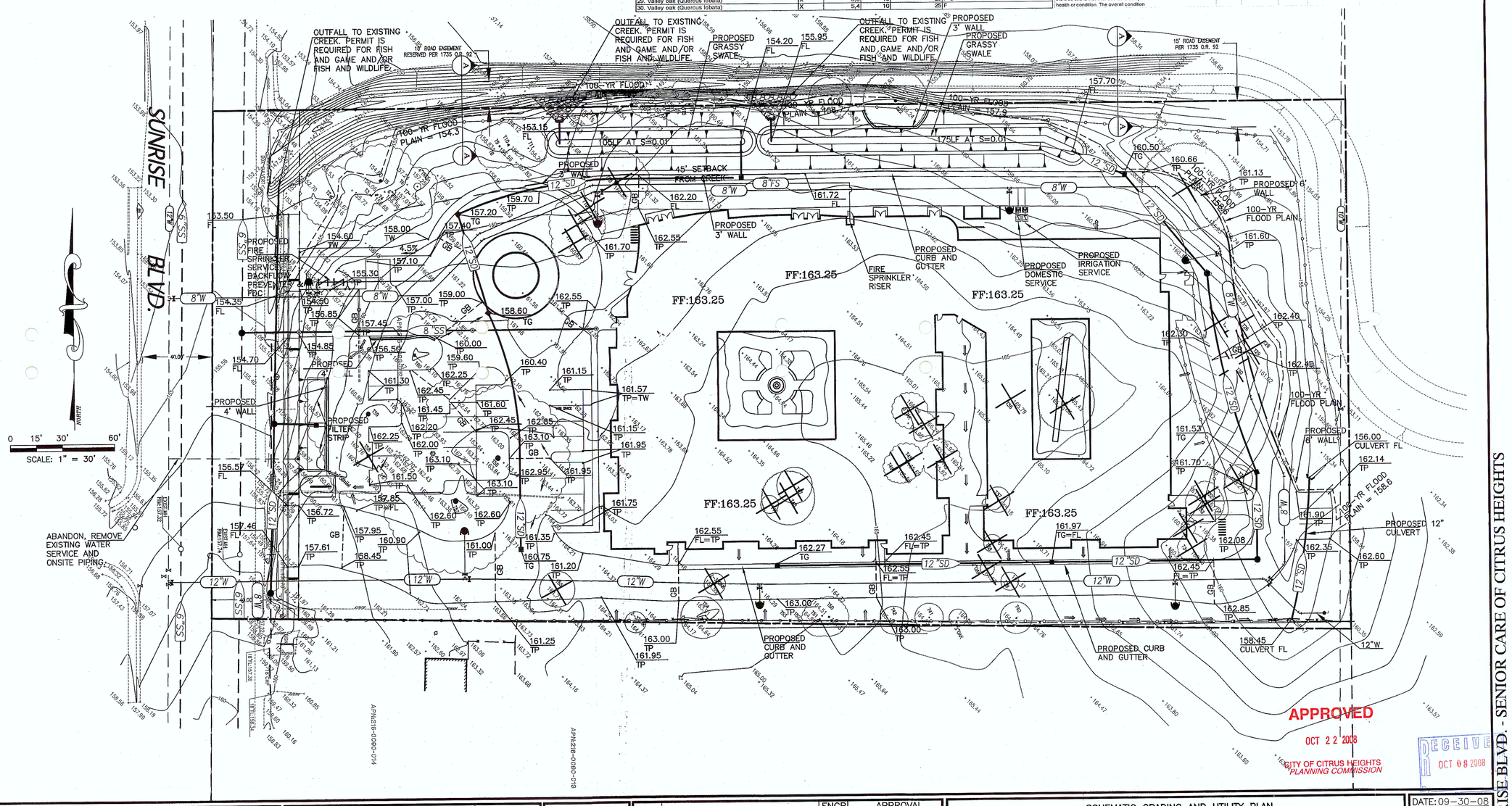
HDR Attachment C: Tree Inventory (Trees over 4" dbh)

	Tree to be removed	Tree Number/ Common Name/ Species DBH (inches) [1,2]	Dripline (feet) [3]	Height (feet) [4]	Vigor/ Comments [5,6]
1. Interior live oak (Quercus wislizenii)		8,4	25	30	F
2. Sawleaf zelkova (Zelkova serrata)		11,8,8,6,6	25	35	F-P
3. Oregon ash (Fraxinus latifolia)		9,9	20	30	F-P
4. Oregon ash (Fraxinus latifolia)		11,10	20	30	F-P
5. Interior live oak (Quercus wislizenii)		22	30	40	F
6. Fruit tree (Prunus sp.)		5	20	30	F
7. Fruit tree (Prunus sp.)		5,4,3,3	15	25	F-G
8. Interior live oak (Quercus wislizenii)		6,6	20	25	G
9. Valley oak (Quercus lobata)		12	30	45	F-G
10. Willow (Salix sp.)		8,6,4	20	25	F
11. Valley oak (Quercus lobata)		7	15	35	G
12. Almond (Prunus dulcis)		6,5,5	15	25	F-G
13. Blue oak (Quercus douglasii)		6	10	20	G
14. Blue oak (Quercus douglasii)		6	10	20	G
15. Interior live oak (Quercus wislizenii)		5	10	20	G
16. Blue oak (Quercus douglasii)		8,8	15	25	F-G
17. Blue oak (Quercus douglasii)	X	12	20	35	F
18. Interior live oak (Quercus wislizenii)	X	9,8,8	20	35	F
19. Sawleaf zelkova (Zelkova serrata)	X	5	10	30	F-G
20. Interior live oak (Quercus wislizenii)	X	16,12	25	40	F; weak crotch at co-dominant stems. Tree is a potential future failing hazard.
21. Valley oak (Quercus lobata)		12	10	30	F
22. Interior live oak (Quercus wislizenii)		20	20	35	F
23. Willow (Salix sp.)	X	16,14,12	25	45	F-G; trunk was inaccessible due to thick blackberry bushes and dbh was visually estimated.
24. Interior live oak (Quercus wislizenii)		8	15	30	F-G; trunk was inaccessible due to thick blackberry bushes and dbh was visually estimated.
25. Interior live oak (Quercus wislizenii)	X	9,10	20	35	P; tree has fallen over and is declining.
26. Valley oak (Quercus lobata)	X	4	10	25	
27. Valley oak (Quercus lobata)		4	10	25	G; tree contains small nest.
28. Interior live oak (Quercus wislizenii)		4,3,3	5	30	F
29. Valley oak (Quercus lobata)	X	5,6	10	25	F-G
30. Valley oak (Quercus lobata)	X	5,4	10	25	F
31. Interior live oak (Quercus wislizenii)	X	6	10	20	G
32. Valley oak (Quercus lobata)	X	4	5	20	F
33. Interior live oak (Quercus wislizenii)	X	8	15	20	F-G
34. Interior live oak (Quercus wislizenii)	X	8,6	15	25	G
35. Blue oak (Quercus douglasii)	X	13,12	20	35	F
36. White mulberry (Morus alba)	X	7,6,4,4,4,4,4	20	30	F
37. Interior live oak (Quercus wislizenii)	X	4,3	10	20	F-G
38. Valley oak (Quercus lobata)	X	4,3	10	20	F-G
39. Valley oak (Quercus lobata)	X	4	5	15	F
40. Interior live oak (Quercus wislizenii)		4,4,3	10	15	F-G
41. Valley oak (Quercus lobata)		10	15	35	F-G
42. Valley oak (Quercus lobata)		9	10	35	F-G
43. Interior live oak (Quercus wislizenii)	X	6,6,3	15	25	F-G
44. Interior live oak (Quercus wislizenii)	X	4	5	15	G
45. Interior live oak (Quercus wislizenii)	X	8,7	10	25	G
46. Interior live oak (Quercus wislizenii)	X	4,4,3	10	25	G
47. Willow (Salix sp.)	X	8,8,8	10	25	F; trunk was inaccessible due to thick blackberry bushes and dbh was visually estimated.
48. Willow (Salix sp.)	X	6,6	15	25	F; trunk was inaccessible due to thick blackberry bushes and dbh was visually estimated.
49. Valley oak (Quercus lobata)	X	4	5	20	F-G
50. Valley oak (Quercus lobata)		12	15	40	F
51. Valley oak (Quercus lobata)		8	15	40	F
52. Privet (Ligustrum lucidum)		4,4	10	30	F-G
53. Valley oak (Quercus lobata)		4	10	30	F-G
54. Interior live oak (Quercus wislizenii)		10	20	30	F
55. Horticultural tree	X	7,5,4	20	25	F
56. London plane tree (Platanus x acerifolia)		36	30	60	F-G
57. London plane tree (Platanus x acerifolia)		32	30	50	F-G
58. London plane tree (Platanus x acerifolia)	X	24	25	50	F-P
59. London plane tree (Platanus x acerifolia)		30	30	60	F
60. Interior live oak (Quercus wislizenii)		22	25	45	F

notes:
(1). Diameter at Breast Height or approximately 4.5 feet above grade.
(2). Multiple stems are separated by a comma.
(3). Visually estimated.
(4). Visually estimated.
(5). G = Good; F-G = Fair to Good; G = Good; F-P = Fair to Poor; P = Poor.
(6). This vigor rating is the result of a rapid general assessment of tree vigor at the time of the survey based on the above ground portions of the tree and is not intended as a comprehensive evaluation of tree health or condition. The overall condition



EXISITNG CREEK
CROSS SECTION A-A NTS



APPROVED
OCT 22 2008
CITY OF CITRUS HEIGHTS
PLANNING COMMISSION

RECEIVED
OCT 08 2008

BENCHMARK ELEVATION: 154.97'
RAMSET AND 7/8" METAL DISC STAMPED "CO. B.M. 9–103" LOCATED IN NORTH END OF WEST HEADWALL OF BRIDGE ON SUNRISE BLVD. OVER CRIPPLE CREEK, 150' SOUTH OF TWIN OAKS AVE.

FIELD BOOK NUMBER: _____ PAGE: ____

JTS ENGINEERING CONSULTANTS, INC.
1808 J STREET
SACRAMENTO, CALIFORNIA 95814 (916) 441–6708

DESIGNED:	PHYA	SCALE:
DRAWN:	PHYA	H:1"=30'
CHECKED:	FNW	V:
SUBMITTED:	FRANK N. WALKER	RCE: 35635

NO.	DESCRIPTION	ENGR INIT	APPROVAL BY	APPROVAL DATE

SCHEMATIC GRADING AND UTILITY PLAN
8220 SUNRISE BLVD.
SENIOR CARE OF CITRUS HEIGHTS

CITY OF CITRUS HEIGHTS — APN: 216–0090–012 — CALIFORNIA

DATE: 09–30–08
SHEET C1 OF 1

Exhibit F

JOB NO: 2006–092

8220 SUNRISE BLVD. - SENIOR CARE OF CITRUS HEIGHTS

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