

COLLEGE OF MARIN

TREE HEALTH PROJECT

KENTFIELD CAMPUS

JULY 10, 2014



CLIENT

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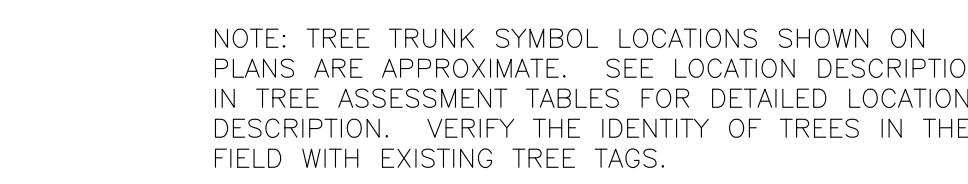
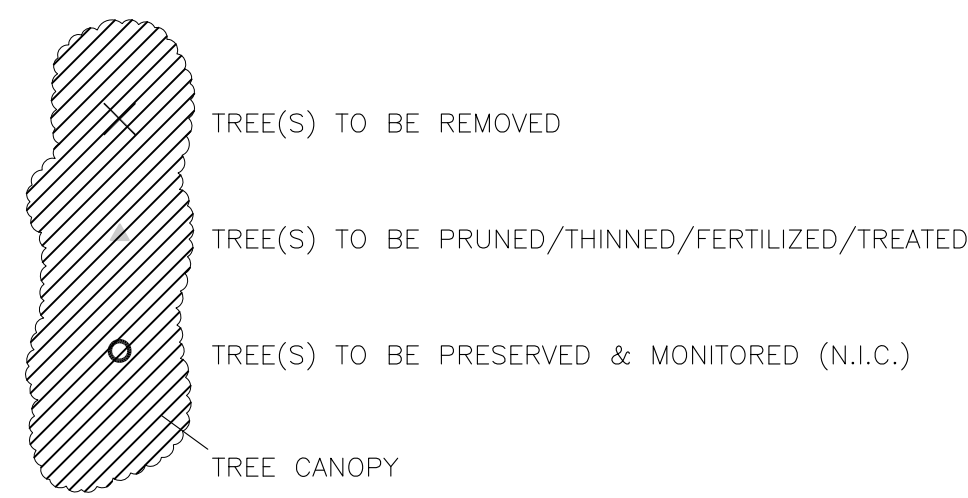
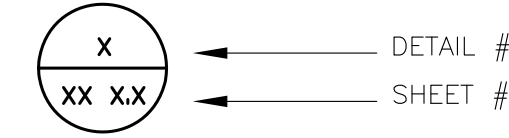
LANDSCAPE GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE, THE UNIFORM BUILDING CODE, CAL-OSHA AND STATE REQUIREMENTS, AND THE GOVERNING BUILDING AUTHORITY. ALL CODES, STANDARDS AND SPECIFICATIONS SHALL BE AS AMENDED TO DATE, ANY VIOLATION WILL RESULT IN STOPPING OF ALL WORK UNTIL THE VIOLATION IS CORRECTED.
2. THE DRAWINGS AND SPECIFICATIONS DESCRIBE IN GENERAL THE QUALITY AND CHARACTER OF THE MATERIALS, SHAPE AND CONFIGURATION OF IMPROVEMENTS AND THE DESIGN INTENT OF THE COMPLETED WORK. MISCELLANEOUS ITEMS OF WORK, MATERIAL, EQUIPMENT, ETC., NECESSARY TO COMPLETE THE WORK SHALL BE PROVIDED BY THE CONTRACTOR WHETHER OR NOT MENTIONED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
3. PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE DISTRICT. BARRICADES, SIGNS, LIGHTS, ETC., REQUIRED FOR THE PROTECTION OF PUBLIC, PERSONNEL, PROPERTY AND MATERIAL SHALL BE PROVIDED FOR AND MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR, AND SHALL CONFORM TO ALL GOVERNING CODES, ORDINANCES AND REGULATIONS. THE CONTRACTOR SHALL EMPLOY ALL MEANS NECESSARY TO CONTROL DUST AT AND NEAR THE SITE OF WORK AND ALONG APPROACH ROUTES TO THE WORK SITE.
4. PROVIDE ALL TOOLS, TRANSPORTATION, UTILITIES, TEMPORARY FACILITIES, AND OTHER SERVICES AS NECESSARY FOR PROPER EXECUTION OF THE WORK, AND SHALL ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF THESE ELEMENTS DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE DISTRICT'S REPRESENTATIVE FOR DESIGNATION OF THE MATERIAL STORAGE AREA AT THE JOB SITE.
5. MAINTAIN "GOOD HOUSEKEEPING" PRACTICES AT THE JOB SITE. REMOVE DEBRIS PROMPTLY FROM THE JOB SITE AND DISPOSE OF AT AN APPROVED DUMPSITE. LEAVE THE JOB SITE "BROOM CLEAN" AT THE END OF EACH WORKDAY. BEFORE ACCEPTANCE BY THE DISTRICT'S REPRESENTATIVE, THE COMPLETED CONSTRUCTION SHALL BE CLEARED, AND ALL OTHER TOUCHUP WORK COMPLETED.
6. FIELD INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS, ELEVATIONS AND DIMENSIONS OF THE PROJECT, AS SHOWN ON OR REFERENCED IN THE DRAWINGS AND SPECIFICATIONS, AND NOTIFY THE DISTRICT'S REPRESENTATIVE ABOUT ANY CONDITION REQUIRING MODIFICATION OR CHANGE PRIOR TO BIDDING. EXAMINE THE DRAWINGS AND SPECIFICATIONS AND CLEARLY UNDERSTAND THE EXISTING CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED PRIOR TO BIDDING. ENTERING INTO AN AGREEMENT WITH THE DISTRICT INDICATES THAT THE CONTRACTOR HAS VISITED THE SITE, FAMILIARIZED HIMSELF OR HERSELF WITH EXISTING CONDITIONS AND REVIEWED SAME WITH REQUIREMENTS OF CONTRACT DOCUMENT. NO ALLOWANCES OF ANY KIND WILL BE MADE FOR ANY EXTRA COST DUE TO THE CONTRACTOR'S FAILURE TO INFORM THE DISTRICT'S REPRESENTATIVE OF DISCREPANCIES IN TIME TO ISSUE CORRECTIVE ORDERS PRIOR TO BIDDING. THE CONTRACT DOCUMENTS ILLUSTRATE THE INTENT OF THE WORK TO BE PERFORMED.
7. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
8. THE EXISTENCE AND LOCATIONS OF ANY UNDERGROUND UTILITY PIPELINES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. USE CAUTION IN ALL EXCAVATION OPERATIONS.
9. WHERE ELEVATIONS OF EXISTING UTILITIES ARE UNKNOWN, POTHOLE AND VERIFY PRIOR TO STARTING CONSTRUCTION. CONTACT DISTRICT'S REPRESENTATIVE IF THERE ARE CONFLICTS WITH THE DESIGN.
10. UNDERGROUND UTILITIES INDICATED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES INCLUDING TELEPHONE, WATER, GAS, TV, TRAFFIC SIGNAL STREET LIGHTING, ETC. WITH THE APPROPRIATE AGENCY. NEITHER THE DISTRICT NOR THE LANDSCAPE ARCHITECT ASSUMES RESPONSIBILITY THAT THE UNDERGROUND UTILITIES INDICATED WOULD BE THOSE ENCOUNTERED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A. 800-642-2444) 48 HOURS MINIMUM PRIOR TO ANY EXCAVATION.
11. CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS WORK TO AVOID CONFLICTS BETWEEN SEWER LATERALS, STORM DRAINS AND WATER MAINS.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE DISTRICT'S REPRESENTATIVE OF ANY DIFFERENCES IN LOCATIONS OF EXISTING UTILITIES FROM THAT SHOWN, OR ANY CONFLICTS WITH THE DESIGN BEFORE CONTINUING WORK IN THAT AREA.

13. UTILITY CONNECTIONS AND DISCONNECTIONS NECESSARY TO COMPLETE THE WORK SHALL BE PERFORMED IN SUCH MANNER IN ORDER TO MINIMIZE UTILITY SERVICE INTERRUPTIONS TO FACILITY OPERATIONS IN THE VICINITY OF CONSTRUCTION. COORDINATE ALL "DOWN TIME" WITH THE DISTRICT AND WITH THE APPROPRIATE AGENCY.
14. PROVIDE ADEQUATE COVER FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
15. ANY PERMANENT MONUMENTS OR POINTS DAMAGED OR DESTROYED SHALL BE REPLACED BY A LICENSED ENGINEER OR LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
16. CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE WORK UNDER CONTRACTS THAT MAY BE UNDERWAY CONCURRENTLY WITH THIS PROJECT.
17. OBTAIN ENCROACHMENT PERMITS REQUIRED FOR WORKING WITHIN EXISTING PUBLIC RIGHT-OF-WAYS. NOTIFY DISTRICT'S REPRESENTATIVE FOURTEEN (14) DAYS PRIOR TO START OF WORK WITHIN EXISTING PUBLIC RIGHT-OF-WAYS.
18. TRAFFIC CONTROL: PRIOR TO BEGINNING ANY WORK ON EXISTING STREETS, PARKING LOTS, OR DRIVEWAYS, ADVANCE-WARNING SIGNS SHALL BE INSTALLED. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH CALTRANS' MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES' CURRENT EDITION AND ANY ADDITIONAL COUNTY REQUIREMENTS. FAILURE TO COMPLY MAY RESULT IN IMMEDIATE STOPPAGE OF WORK UNTIL THE PROPER TRAFFIC CONTROL IS IN ORDER.
19. PROVIDE BARRICADE TO PROTECT THE GENERAL PUBLIC AND TO PREVENT UNCONTROLLED ACCESS TO THE SITE AT ALL TIMES.
20. PROVIDE FOR EGRESS AND INGRESS TO ON-SITE FACILITIES THAT ARE TO REMAIN OPERATIONAL DURING ALL PHASES OF THE WORK.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE, AND OTHER IMPROVEMENT WITH A SMOOTH TRANSITION IN GRADING TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPE, LOW SPOTS, OR HAZARDOUS CONDITIONS.
22. WASTEWATER GENERATED DURING THE WORK SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO ELIMINATE DISCHARGE TO THE STORM DRAIN SYSTEM AND, IF NECESSARY, PROVIDE AN AREA FOR ON-SITE WASHING ACTIVITIES DURING CONSTRUCTION. MATERIALS THAT COULD CONTAMINATE STORM RUNOFF SHALL BE STORED IN AREAS WHICH ARE DESIGNED TO PREVENT EXPOSURE TO RAINFALL AND NOT ALLOW STORM WATER TO RUN ONTO THE AREA.
23. FLUSHING OF STREETS AND PARKING LOTS TO REMOVE DIRT AND DEBRIS IS PROHIBITED UNLESS PROPER SEDIMENT CONTROLS ARE USED. PREFERABLY, AREAS REQUIRING CLEANING SHOULD BE SWEEPED.
24. ANY REVISIONS OR ADDITIONAL WORK REQUIRED AS A RESULT OF FIELD CONDITIONS OR LOCAL GOVERNING AUTHORITIES SHALL BE BROUGHT TO THE ATTENTION OF THE DISTRICT'S REPRESENTATIVE BEFORE THE WORK IS PERFORMED. WORK PERFORMED BY THE CONTRACTOR WITHOUT WRITTEN AUTHORIZATION SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR WHO SHALL BEAR ALL COSTS ATTRIBUTABLE THERETO. ANY AND ALL REVISIONS SHALL BE IN WRITTEN CHANGE ORDER FORM AND APPROVED AND AUTHORIZED BY THE DISTRICT BEFORE BEGINNING WORK.
25. ANY DEVIATIONS OR CHANGES IN THESE PLANS, WITHOUT OFFICIAL APPROVAL OF THE LANDSCAPE ARCHITECT SHALL ABSOLVE THE LANDSCAPE ARCHITECT OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION OR CHANGE.
26. IF ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING STUMP REMOVAL, GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED AND THE FIND REPORTED TO THE PROPER AUTHORITIES. A PROFESSIONAL ARCHAEOLOGIST SHALL HAVE AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES. IF THEY ARE DEEMED NECESSARY, SKELETAL MATERIALS MUST BE REPORTED PROMPTLY TO THE COUNTY CORONER.

ABBREVIATIONS AND LEGEND

- A.G. ABOVE GRADE
- BLDG. BUILDING
- BR BRIDGE
- BTWN. BETWEEN
- CLR CLEAR
- CONC. CONCRETE
- CU CULVERT
- (E) EXISTING
- MAX. MAXIMUM
- MIN. MINIMUM
- N/A NOT APPLICABLE
- (N) NEW
- (N.I.C.) NOT IN CONTRACT
- NTS NOT TO SCALE
- SHT. SHEET
- TYP. TYPICAL
- W/ WITH

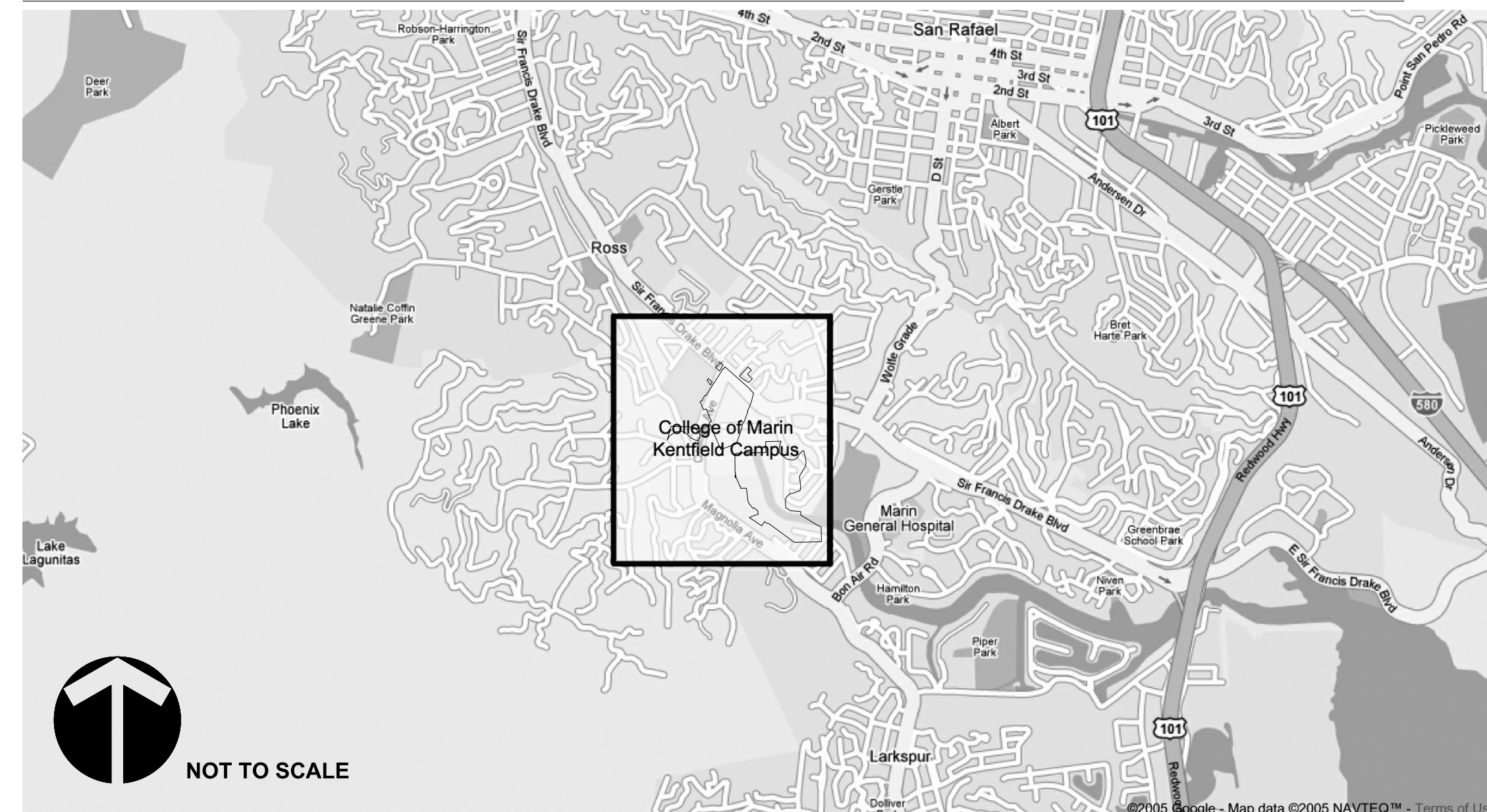


LIST OF DRAWINGS

SHEET NO.	TITLE	TREES COVERED
L-1.00	KENTFIELD CAMPUS KEYMAP	---
L-1.01	ENLARGED PLAN, COLLEGE AVE & SIR FRANCES DRAKE INTERSECTION	1-26
L-1.02	ENLARGED PLAN, CIRCLE DRIVE EAST	34-46
L-1.03	ENLARGED PLAN, CIRCLE DRIVE MIDDLE	47-71
L-1.04	ENLARGED PLAN, CIRCLE DRIVE WEST	72-99
L-1.05	ENLARGED PLAN, CENTRAL QUAD NORTH	101-121
L-1.06	ENLARGED PLAN, REDWOOD GROVE & CENTRAL QUAD SOUTH	122-158
L-1.07	ENLARGED PLAN, FINE ARTS NORTH	161-191
L-1.08	ENLARGED PLAN, FINE ARTS EAST	209-214
L-1.09	ENLARGED PLAN, FINE ARTS SOUTH	223-258
L-1.10	ENLARGED PLAN, FINE ARTS WEST	265-280
L-1.11	ENLARGED PLAN, DICKSON HALL COMPLEX	287-297
L-1.12	ENLARGED PLAN, PARKING LOT #4	301-305
L-1.13	ENLARGED PLAN, FUSSELMAN HALL & STUDENT SERVICES CENTER	306-328
L-1.14	ENLARGED PLAN, SCIENCE CENTER NORTH	329-346, 451
L-1.15	ENLARGED PLAN, SCIENCE CENTER SOUTH	347-361
L-1.16	ENLARGED PLAN, PARKING LOT #6	362-377
L-1.17	ENLARGED PLAN, PARKING LOTS #7 & #9	378-394
L-1.18	ENLARGED PLAN, ADMINISTRATIVE CENTER	395-404
L-1.19	ENLARGED PLAN, HARLAN CENTER/OLNEY HALL	410-411
L-1.20	ENLARGED PLAN, LEARNING RESOURCE CENTER/OLNEY HALL	426-436
L-1.21	ENLARGED PLAN, CORTE MADERA CREEK/COLLEGE AVENUE	437-448
L-1.22	ENLARGED PLAN, PARKING LOT #2	452-466
L-1.23	KENTFIELD CAMPUS - RIPARIAN ZONE, PARKING LOT #17	467, UN-NUMBERED TREES
L-1.24	ENLARGED PLAN, PHYSICAL EDUCATION BUILDING SOUTHWEST	468-489
L-1.25	ENLARGED PLAN, PHYSICAL EDUCATION BUILDING NE & COLLEGE AVE	490-509
L-1.26	ENLARGED PLAN, PARKING LOT #11 AND PARKING LOT #12 SOUTH	510-520
L-1.27	ENLARGED PLAN, PARKING LOT #12	522-529
L-1.28	ENLARGED PLAN, RUNNING TRACK	539-537
L-1.29	ENLARGED PLAN, PHYSICAL EDUCATION BUILDING NORTH & BALL FIELD NE	538-546
L-1.30	ENLARGED PLAN, PARKING LOT #15 WEST & SOUTH	547-563
L-1.31	ENLARGED PLAN, PARKING LOT #15 NORTHEAST	564-578
L-1.32	ENLARGED PLAN, PARKING LOT #15 NORTHWEST & PARKING LOT #16	565-607

PROJECT SITE:

COLLEGE OF MARIN - KENTFIELD CAMPUS



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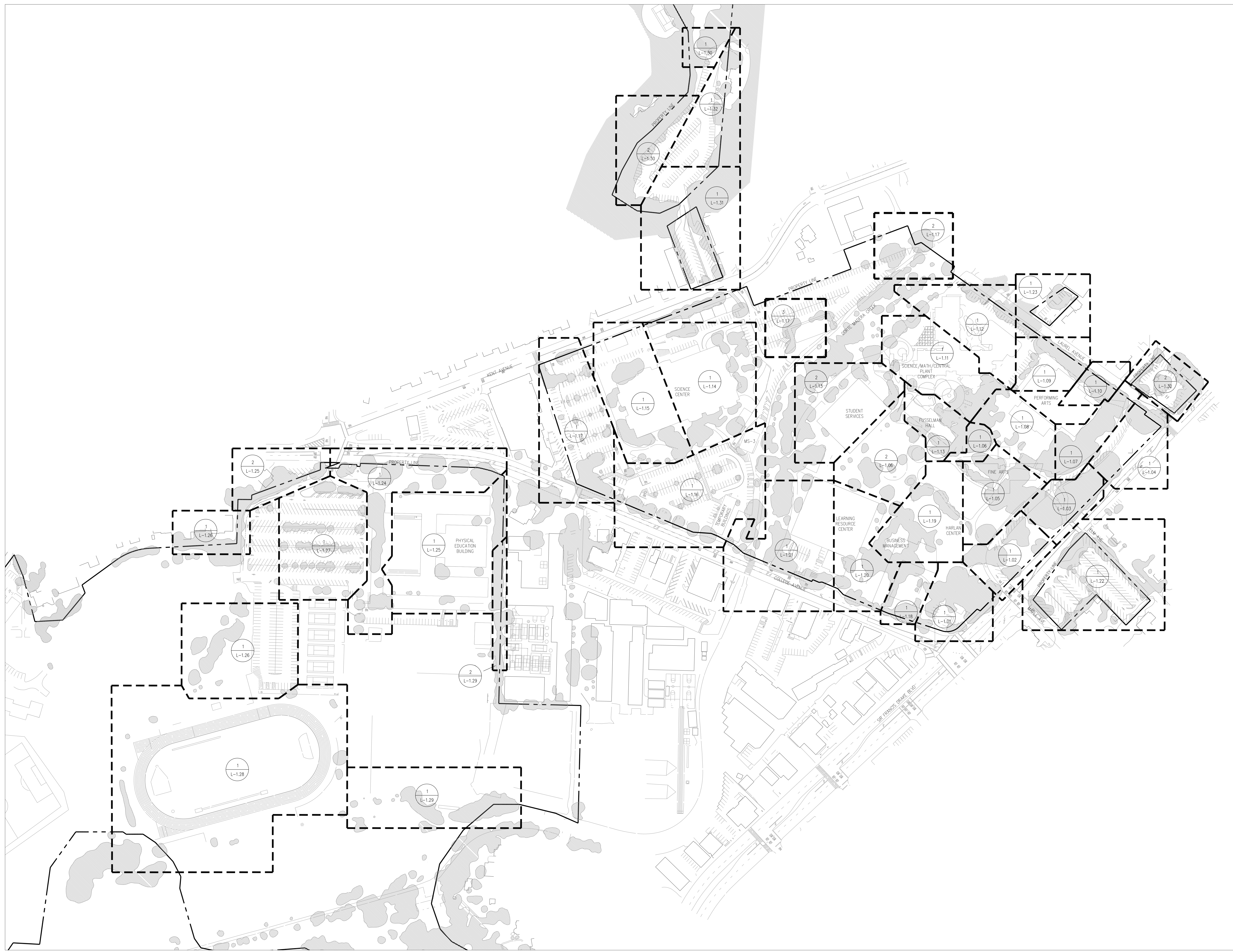
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TREE REMOVAL

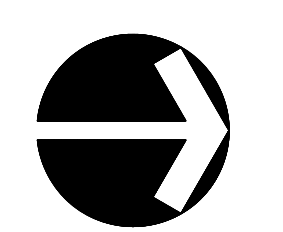
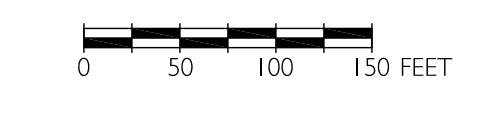
Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: NTS

INDEX, NOTES, &
ABBREVIATIONS
L-0.00



1 KENTFIELD CAMPUS SITE PLAN
1" = 100', CONTOUR INTERVAL = 1'

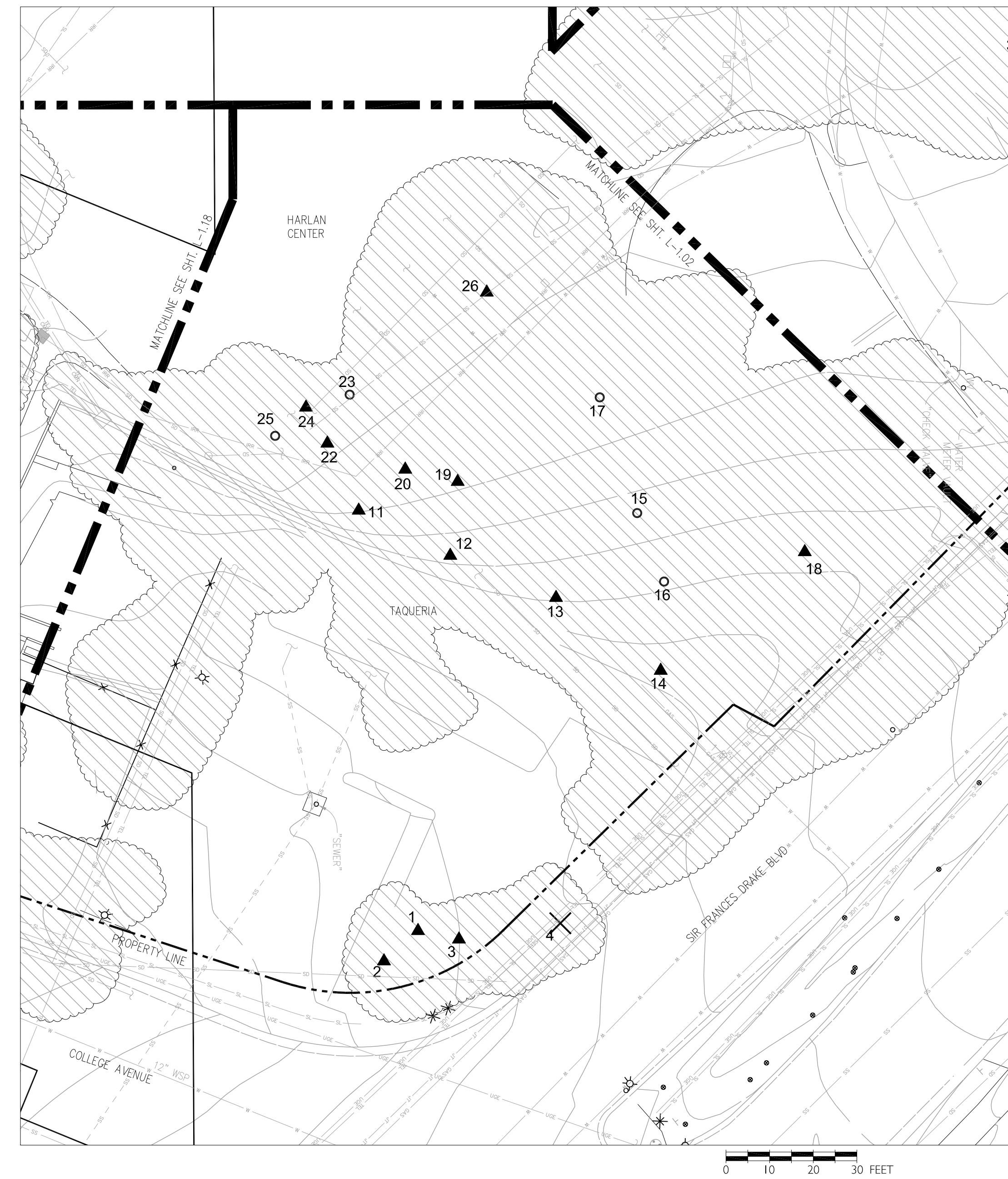


REV.	DATE	ISSUE

TREE REMOVAL
Kentfield Campus
District Project # _____
AE Project # _____ date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 100' 0' 50' 10'

**ENLARGED SITE KEYPLAN
KENTFIELD CAMPUS
L-1.00**

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
1	Coast Redwood	<i>Sequoia sempervirens</i>	Tree closest to the intersection of College Ave. and Sir Francis Drake.	18"	Good	Good	None		Prune branches and foliage up to 10' for visual clearance.	3
2	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 5' southeast of T-1. This tree is 11' northeast from one parking spot. It is 7' south of another parking spot. It is approximately 8.5' to the curb of the intersection of the sidewalk of Sir Francis Drake and College Ave.	12"	Good	Good	None		Prune branches and foliage up to 10' for visual clearance.	3
3	Coast Redwood	<i>Sequoia sempervirens</i>	North-most tree in the center parking lot island. This tree is approximately 2' northwest of a railroad tie for the asphalt parking space. The tree is 5' south of the intersection of the Sir Francis Drake and College Avenue sidewalks	12"	Good	Good	None		Prune branches and foliage up to 10' for visual clearance.	3
4	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' north/northwest of T-3	24"	Good	Good	Severe. Damaging sidewalk.		Removal for ADA compliance.	3
11	Coast Redwood	<i>Sequoia sempervirens</i>		24"	Good; this tree is being heavily impacted by construction. Soil is piled at base of tree. Construction path is directly adjacent to root zone.	Good; edge tree.	None		This tree needs to be monitored closely after construction. Remove sprouts for visual clearance.	1
12	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 12' north of T-11	36"	Good; edge tree. Two feet from construction path.	Good	None		Monitor tree for stress post construction.	2
13	Coast Redwood	<i>Sequoia sempervirens</i>	10' north of T-12	24"	Good; edge tree. Two feet from construction path.	Good	None		Monitor tree for stress post construction.	2
14	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 8' north of T-13	30"	Good; edge tree. Two feet from construction path.	Good	None		Monitor tree for stress post construction.	2
15	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 18-20' north/northwest of T-14	5'	Good; dominant.	Good	None		None	5
16	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 8' north/northwest of T-15	48"	Good	Good	None		None	5
17	Coast Redwood	<i>Sequoia sempervirens</i>	12' east-northeast of T-15	18"	Good	Good	None		None	5
18	Coast Redwood	<i>Sequoia sempervirens</i>	8-10' north/northeast of T-17	24"	Good; interior tree.	Good	None		Prune sprouts at base.	3
19	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 10-12' due east of T-18. This tree is 4.5' from the Taqueria wire fence	36"	Good; edge tree. Three feet from construction path.	Good	None		Prune sprouts. Monitor for stress post construction.	2
20	Coast Redwood	<i>Sequoia sempervirens</i>	8' north/northwest of T-19; approximately 8-10' south/southwest of T-18	30"	Good; ten feet from construction path.	Good	None		Prune sprouts. Monitor for stress post construction.	2
22	Coast Redwood	<i>Sequoia sempervirens</i>	15' north of T-20	30"	Good	Good to fair; asymmetrical canopy.	None		Prune sprouts for visual clearance.	3
23	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 10' south of T-22; approximately 4' from the wood border of the soil path	30"	Fair to good. Interior tree. Low LCR	Fair	None		None	5
24	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 6' west-northwest of T-23; 10' southeast of T-22	72"	Good; dominant tree in stand.	Good. Some over extending branches in lower canopy.	None		Consider reducing some lower branches to mitigate failure.	4
25	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 25' due west of T-15; adjacent to the lawn area	42"	Good	Good	None		None	5
26	Valley Oak	<i>Quercus lobata</i>	25' south of T-25; north of the humanities building	36"	Fair; mature. In TPZ	Fair; asymmetrical crown. Recently had crown cleaning.	None		Clear ivy from base. Monitor cables annually.	4



1 COLLEGE AVE. & SIR FRANCIS DRAKE BLVD. INTERSECTION (TREES 1-26)
1" = 20'. CONTOUR INTERVAL '1'

TREE ASSESSMENT & SCHEDULE OF WORK TABLE NOTES:

- TREE NUMBER, SPECIES, SIZE, LOCATION, CONDITION, AND OBSERVED INFRASTRUCTURE CONFLICTS ARE PROVIDED FOR INFORMATION ONLY.
- DESCRIPTION OF WORK IN THE SCHEDULE OF WORK TABLE SHALL TAKE PRECEDENCE OVER SYMBOLS ON THE PLAN.
- TREE LOCATIONS INDICATED ON THE DRAWING ARE APPROXIMATE. TREE LOCATION IS FURTHER DESCRIBED IN THE TREE LOCATION COLUMN OF THE ASSESSMENT TABLE. CONTRACTOR TO VERIFY ACTUAL TREE LOCATION IN THE FIELD USING EXISTING TREE TAGS LOCATED AT THE BASE OF THE TREE TRUNK.
- INFORMATION LISTED IN THE "OBSERVED INFRASTRUCTURE CONFLICTS" COLUMN IS PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY AND IS BASED ON CONDITIONS VISIBLE AND OBSERVED IN THE FIELD. REFER ALSO TO UNDERGROUND UTILITY LOCATIONS SHOWN ON THE PLANS. CONTRACTOR TO VERIFY ALL UTILITY CONFLICTS AT EACH TREE. SEE ALSO LANDSCAPE GENERAL NOTES SHEET L-0.00 FOR ADDITIONAL INFRASTRUCTURE AND UTILITY NOTES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLES ALL SIDES OF TREE STUMPS TO BE GROUND TO VERIFY LOCATION AND DEPTH OF ANY UTILITIES AFFECTED BY STUMP GRINDING. MINIMUM DEPTH OF POTHOLES SHALL BE 18" (6" DEEPER THAN ANTICIPATED STUMP GRINDING DEPTH).
- DECIDUOUS TREES, PARTICULARLY ELM AND ASH TREES ARE IDEALLY PRUNED IN EARLY WINTER DURING THEIR DORMANT PERIOD. PINE AND FIR TREES ARE IDEALLY NOT PRUNED DURING THE SUMMER WHEN THEY ARE SUSCEPTIBLE TO BEETLES. CONTRACTOR TO PROVIDE SCHEDULE OF PRUNING FOR DISTRICT ARBORIST'S APPROVAL AT THE START OF THE PROJECT IN ORDER TO ASCERTAIN THE BEST POSSIBLE TIME TO PRUNE THE TREES WITHIN THE DURATION OF THE CONTRACT.
- SEE SPECS. SECTION 31 13 16; PRUNING, TREE REMOVAL, AND FERTILIZATION FOR ADDITIONAL INFORMATION.



KEY MAP - NOT TO SCALE

TREE REMOVAL

Kentfield Campus

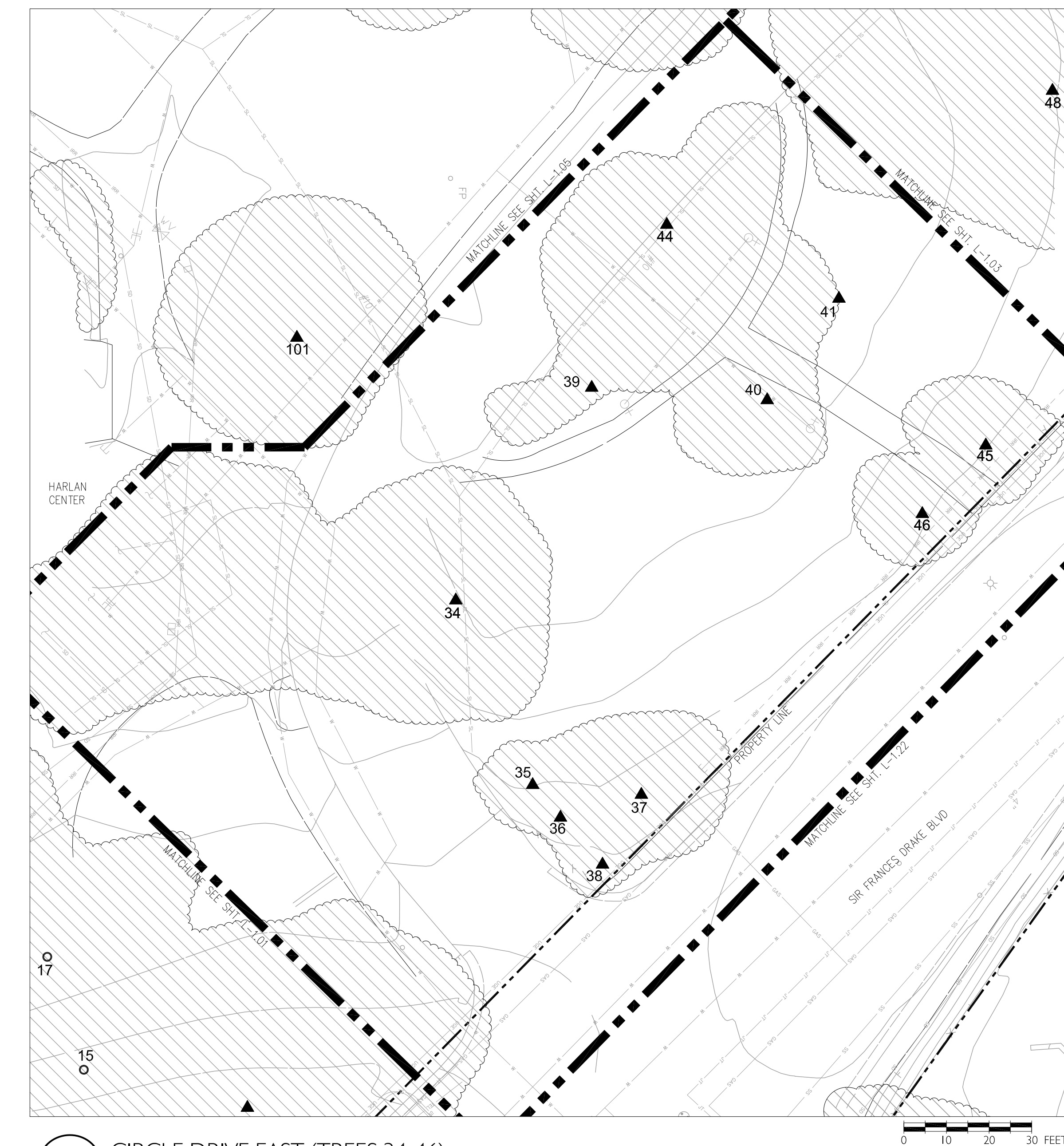
District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

COLLEGE & SIR FRANCIS
DRAKE (TREES 1-26)

L-1.01

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
34	Giant Sequoia	<i>Sequoiadendron giganteum</i>	In southwestern part of Circle Dr. area; just south of lawn area; immediately adjacent to a cut stump to the east-northeast	72"	Good. Infected with seiridium canker.	Good. Some crossing branches and deadwood.	None		Pole prune for visibility to 10'. Prune or remove shrubs for visibility.	2
35	European White Birch	<i>Betula pendula</i>	In island of trees located to the northeast of the giant sequoia with three European White Birch; within a large juniper thicket; 9.7' south/southwest of the bus stop on Sir Francis Drake	24"	Good	Fair. Some evidence of branch loss.	None		Prune branches less than 2" diameter up to 10' for visual clearance. Prune or remove understory shrubs for visibility.	4
36	European White Birch	<i>Betula pendula</i>	6' to the northeast of T-35; immediately west of the east-most entrance to the Circle Dr.	12"	Fair	Fair. Suppressed.	None		Prune branches less than 2" diameter up to 10' for visual clearance. Prune or remove understory shrubs for visibility.	2
37	European White Birch	<i>Betula pendula</i>	Southwest of T-36; 9' west of the Circle Dr.	12"	Fair	Poor	None		Prune branches less than 2" diameter up to 10' for visual clearance. Prune or remove understory shrubs for visibility.	2
38	Juniper	<i>Juniperus sp.</i>	Southwest of T-37	Multi-stemmed	Fair	Fair	None	Thick understory shrub growth	Prune or remove understory shrubs for visibility.	3
39	English Holly	<i>Ilex aquifolium</i>	35' west of T-34; 3'-4' from parking area on Circle Dr.; 25' northwest of the flagpole	12"	Poor. Semi-defoliated.	Fair	None.		Reassess in spring. Possible removal for health.	4
40	Port Orford Cedar	<i>Chamaecyparis lawsoniana</i>	Located up the stone path; at the southwest corner of the T intersection of the stone path through the Circle Dr. area	48"	Good.	Very poor. Co-dominant leaders targeting roads and a bus stop.	Insignificant.		Prune all branches to 10' for visibility. Install cabling between two spars.	1
41	Lawson Cypress	<i>Chamaecyparis lawsoniana</i>	Southeastern corner of the T intersection of the stone path that goes through the Circle Dr.; 15-20' from T-40	48"	Good	Poor. Co-dominant leaders with included bark. Two very interesting low branches forming subordinate trees.	None.		Prune low branches up to 10' excluding the two large interesting ones.	1
44	English Holly	<i>Ilex aquifolium</i>	2.5' north of curb for the parking area	12"	Fair. Sparse foliage.	Fair	None		Prune 3" branches up to 7'.	4
45	Northern White Cedar	<i>Thuja occidentalis</i>	7' west of the flagstone walk, entering off Sir Francis Drake and 7' from the Sir Francis Drake sidewalk	Multi-stemmed	Fair but stressed.	Fair	None		Remove surrounding shrubs, procumbent branches and interior branches with little or no foliage.	2
46	Northern White Cedar	<i>Thuja occidentalis</i>	Approximately 5' east of the flagstone walk and 7' south of the Sir Francis Drake sidewalk	Multi-stemmed	Fair but stressed.	Fair	None		Remove surrounding shrubs, procumbent branches and interior branches with little or no foliage.	2

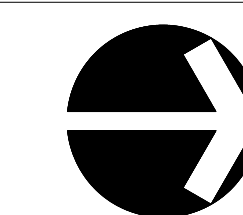
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 CIRCLE DRIVE EAST (TREES 34-46)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE



rev. date issue

TREE REMOVAL

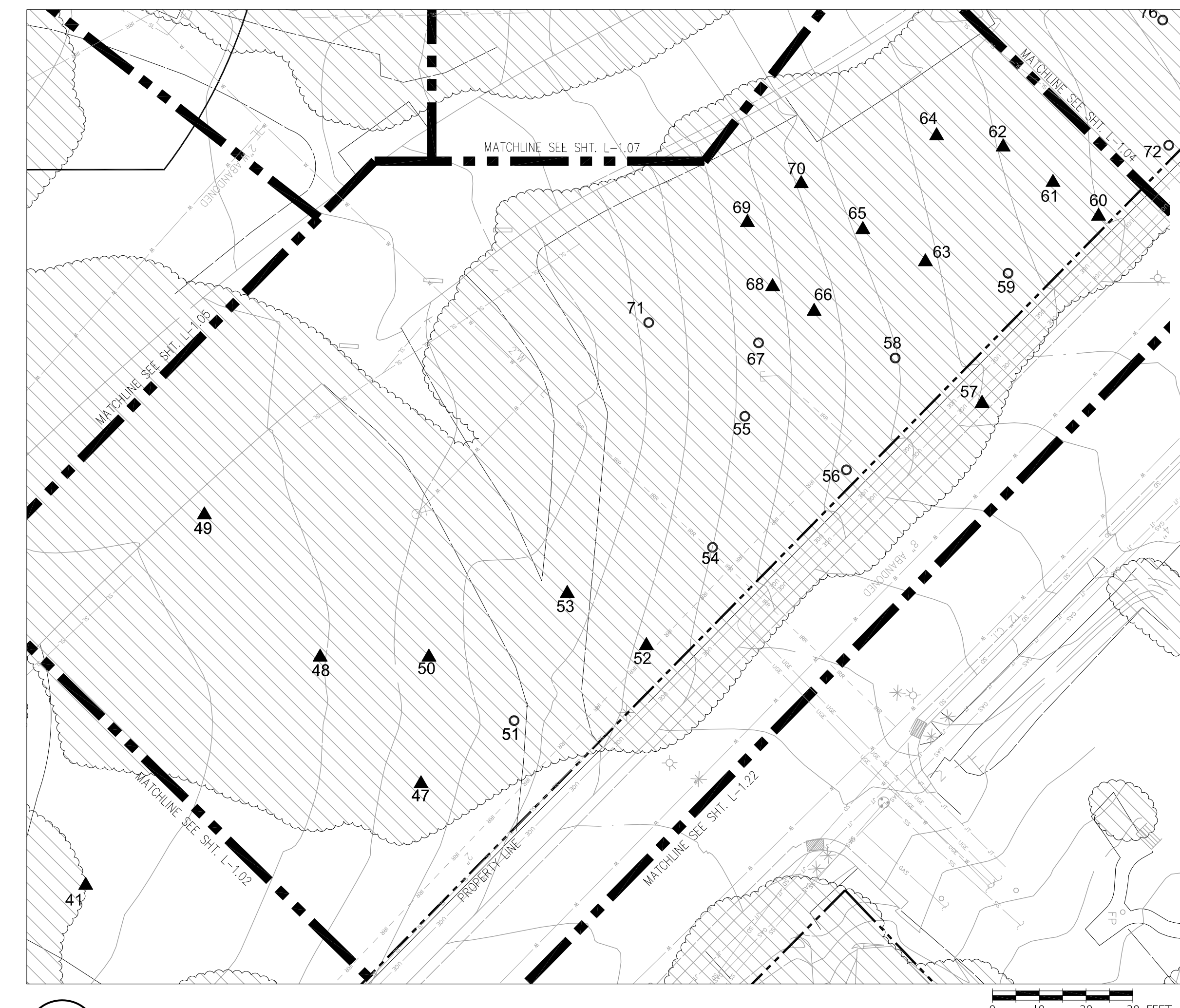
Kentfield Campus

Dist. Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

CIRCLE DRIVE EAST
(TREES 27-46)
L-1.02

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
47	Incense Cedar	<i>Calocedrus decurrens</i>	Southeast of the sidewalk connecting with the Sir Francis Drake sidewalk and the crosswalk north across Sir Francis Drake	72"	Good	Poor to fair, 3 co-dominant stems.	None		Prune foliage up to 10' for visual clearance.	4
48	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 25' south of T-47 and midway between T-47 and T-49	60"	Good	Good	None.		Prune suckers for visibility.	3
49	Zelcova	<i>Zelcova serrata</i>	South of T-48.	60"	Good	Fair. Some odd pruning cuts in the past and some decay in the base.	None.	There are some dead branches over the parking area/road with defoliated bark that target cars and pedestrians.	Prune deadwood greater than 3" in diameter especially one ~10" limb over the road.	2
50	Chestnut	<i>Castanea sp.</i>	Approximately 8' southeast of T-51 (Dracaena) and 20' southwest of T-47	18"	Good	Fair to good.	None		Prune small diameter branches up to 10'	3
51	C.F. Dracaena	<i>Dracaena sp.</i>	Approximately 10-12' east of the accessible sidewalk that goes out to a crosswalk across Sir Francis Drake; approximately 8' northwest of T-50	8' tall	Good	Good	None		None	5
52	Coast Redwood	<i>Sequoia sempervirens</i>	In a V-shaped area 5' west of the large sidewalk connecting to the crosswalk; 12' south of the Sir Francis Drake sidewalk; approximately 6' east of T-53	60"	Good	Fair. Subordinate stem at 80' targeting SFD.	Some lifting of pavement. No trip hazard.		Remove sprouts at base for visual clearance.	2
53	Coast Redwood	<i>Sequoia sempervirens</i>	6' west of T-52; approximately 4' northeast of T-54	36"	Good	Good. Interior so low LCR.	None		Remove sprouts at base for visual clearance.	2
54	Coast Redwood	<i>Sequoia sempervirens</i>	4' southwest of T-53; approximately 4' southeast of T-55	48"	Good	Good	None		None	5
55	Coast Redwood	<i>Sequoia sempervirens</i>	4' northwest of T-54 and approximately 10' east/southeast of T-56	48"	Good	Good	None		None	5
56	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 6' south of the sidewalk along Sir Francis Drake; approximately 15' east of a sidewalk that enters from the campus down to Sir Francis Drake	60"	Good	Good	None		None	5
57	Black Oak	<i>Quercus kelloggii</i>	2.5' west of the sidewalk descending toward the road; approximately 5' from a broken water valve access; approximately 12' from the traffic signal control for electric underground	30"	Fair.	Fair amount of large diameter deadwood in canopy targeting sidewalks.	Fair to good.	None	Prune deadwood over sidewalks.	3
58	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' south/southwest of T-57; approximately 5' northeast of T-59	24"	Good	Good	None		None	
59	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' west of the sidewalk descending from campus	30"	Good	Fair. J-butt/invagination and extremely low LCR.	None		None	
60	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 8' west of T-58	12"	Fair.	Suppressed.	Fair. Reformed top.	None	Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
61	Incense Cedar	<i>Calocedrus decurrens</i>	20-25' south of the Sir Francis Drake sidewalk and 12' west of T-60	36"	Faith to good.	Fair. Corrected lean towards SFD.	None		Prune up to 10' for visual clearance.	3
62	Coast Redwood	<i>Sequoia sempervirens</i>	Mid-stand in a grove of trees	18"	Good	Good. Prior topping but it appears stable at the new height. Several nests in canopy.	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
63	Coast Redwood	<i>Sequoia sempervirens</i>	At west end of small stand of Redwoods just east of the grove of Birch	24"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
64	Coast Redwood	<i>Sequoia sempervirens</i>	Southwest most tree in grove of Redwoods just before the grove of Birch; approximately 10' north of the sidewalk running along the parking area	36"	Good	Good	Slight pavement disturbance.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
65	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 12' north of the sidewalk running along the parking area to the south	18"	Good	Good	None		Prune branches and foliage up to 10'.	3
66	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' north of the sidewalk along the parking area; mid-grove on the south side of the group of trees	48"	Good	Fair to good. Asymmetric canopy away from stand. Slight lean.	None		Remove understory plants other than ferns. Prune sprout growth at base and foliage up to 10'.	2
67	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 10' north/northwest of T-56	36"	Good	Good	None		None	5
68	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' southwest of the curved sidewalk that descends from the campus down to Sir Francis Drake and 8' west of T-69	Dual stem; 30' & 18"	Good	Fair. Co-dominant stems.	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	4
69	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 4-5' west of the descending sidewalk	36"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
70	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 9' west of the descending sidewalk and approximately 15' north of the sidewalk adjacent to the parking area	30"	Good	Fair to good. Subordinate stem at 40' targeting street parking.	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance. Remove subordinate stem.	3
71		<i>Prunus sp.</i>	In an island between the sidewalk that descends north to the crosswalk on Sir Francis Drake; approximately 12' west of the sidewalk, 10' east of another sidewalk and approximately 15' north of the parking area	6"	Good	Good. Grafted.	None		None	5

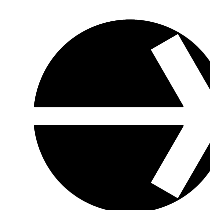
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



CIRCLE DRIVE MIDDLE (TREES 47-71)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE



rev.	date	issue

TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20' 0' 10' 0'

CIRCLE DRIVE MIDDLE
(TREES 47-71)
L-1.03

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
72	European White Birch	<i>Betula pendula</i>	Approximately 10' south of the Sir Francis Drake sidewalk	16"	Fair. Some branch dieback.	Poor. Acute angle crotches and crossing branches.	None.	Deadwood is of a relatively small diameter and not a significant concern.	None	5
73	European White Birch	<i>Betula pendula</i>	Approximately 10' south of the sidewalk along Sir Francis Drake and 6' west of tree #72	12"	Fair. Some branch dieback.	Fair	None.		None.	5
76	European White Birch	<i>Betula pendula</i>	Approximately 6' east of black-top sidewalk	12"	Poor	Poor. Stunted growth and branch dieback.	None		None	5
77	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 6' south of T-76; approximately 7' east of the black-top sidewalk	24"	Good	Good	Slight lifting of sidewalk.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
82	European White Birch	<i>Betula pendula</i>	Mid-grove to the west of the black top sidewalk; along the west edge of this grove	12"	Poor. Significant dieback.	Poor. Many stub cuts and broken branches.	None	This tree will continue to decline and will not recover.	None	5
84	European White Birch	<i>Betula pendula</i>	Approximately 8' north/northwest of a Coast Redwood which is close to the sidewalk along the parking area; one of the southernmost trees	12"	Very poor. Nearly dead.	Very poor. The base is covered with fungal fruiting bodies indicating sapwood decay and compromised structure.	None.	This tree could fall at any time.	Remove	1
92	Coast Redwood	<i>Sequoia sempervirens</i>	Less than 1' west of the black-top sidewalk that goes from the parking area to the sidewalk by Sir Francis Drake	24"	Good	Good	Slightly lifting black-top.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
94	Coast Redwood	<i>Sequoia sempervirens</i>	In a planting island between the black-top extension of the sidewalk along the parking area and the parking area curb; 2-3' north of the parking area curb and 3' south of the black-top walkway	42"	Fair to good. Somewhat sparse canopy.	Good	Slight lifting of sidewalk.		Prune up to 10'.	4
95	Coast Redwood	<i>Sequoia sempervirens</i>	7' north of the black-top extension of the parking lot sidewalk; approximately 15' east of concrete sidewalk along Laurel Ave.	60"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
96	Coast Redwood	<i>Sequoia sempervirens</i>	Along the east edge of the grove, about mid-grove	48"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
97	Coast Redwood	<i>Sequoia sempervirens</i>	Along the east perimeter of the grove	48"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
98	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' east of the sidewalk along Laurel Ave.	36"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance. Remove redwood sapling under canopy to prevent competition.	2
99	Coast Live Oak	<i>Quercus agrifolia</i>	Near northwest edge of this group of trees; 7' from the sidewalk along Laurel Ave.	30"	Good	Good	None		Prune up to 10' for visual clearance.	2

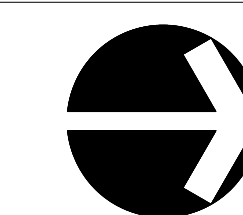
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



CIRCLE DRIVE WEST (TREES 72-99)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE



rev.	date	issue

TREE REMOVAL

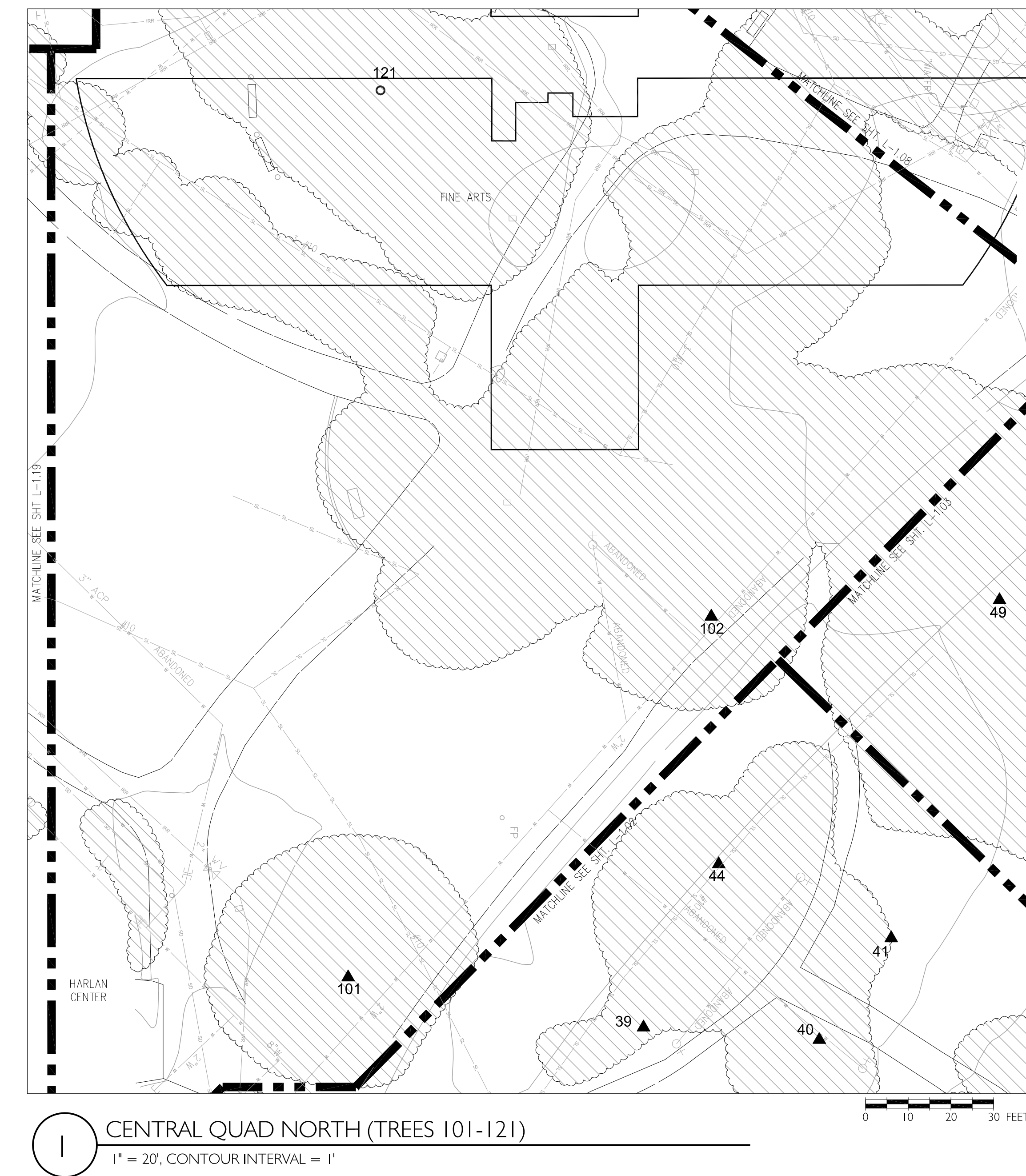
Kentfield Campus

Distict Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

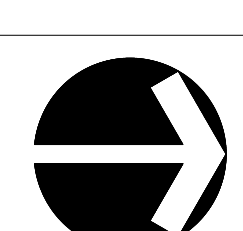
CIRCLE DRIVE WEST
(TREES 72-100)
L-1.04

Tree #	Species (common)	Species (scientific)	TREE ASSESSMENT						SCHEDULE OF WORK	
			Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
101	Bronze Beech	<i>Fagus sylvatica</i>	Northeast most tree in Section 2; approximately 15' west of a black-top sidewalk; approximately 15-20' south of the black-top sidewalk on the south perimeter of the parking area	48"	Good	Fair to good. Double stem and crossing branches.	None.		Prune lower branches less than 4" diameter up to 10'.	3
102	Pin Oak	<i>Quercus palustris</i>	Immediately south, within 1' of the curb of the parking area off of Circle Dr.; in the middle of the black-top sidewalk	18"	Fair to poor. Stressed from construction.	Poor. Common attachment of the main scaffold branches. Grafted at base to coast live oak root stock. Poor past pruning.	Cracked curb.		Reassess in spring. There appears to be a good deal of deadwood in the canopy.	1
121	Coast Redwood	<i>Sequoia sempervirens</i>	5' east of the west perimeter black-top sidewalk	12"	Good	Good	None		None	5

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.

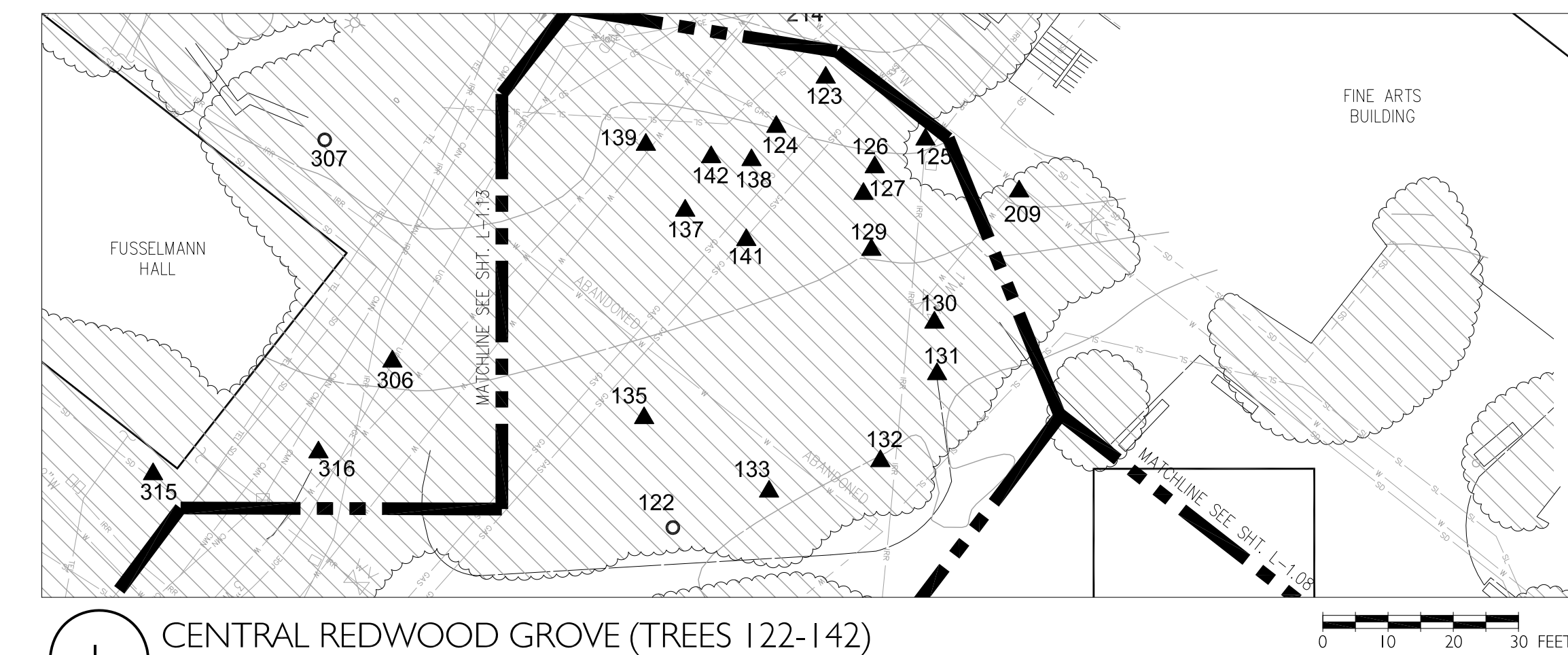


rev.	date	issue



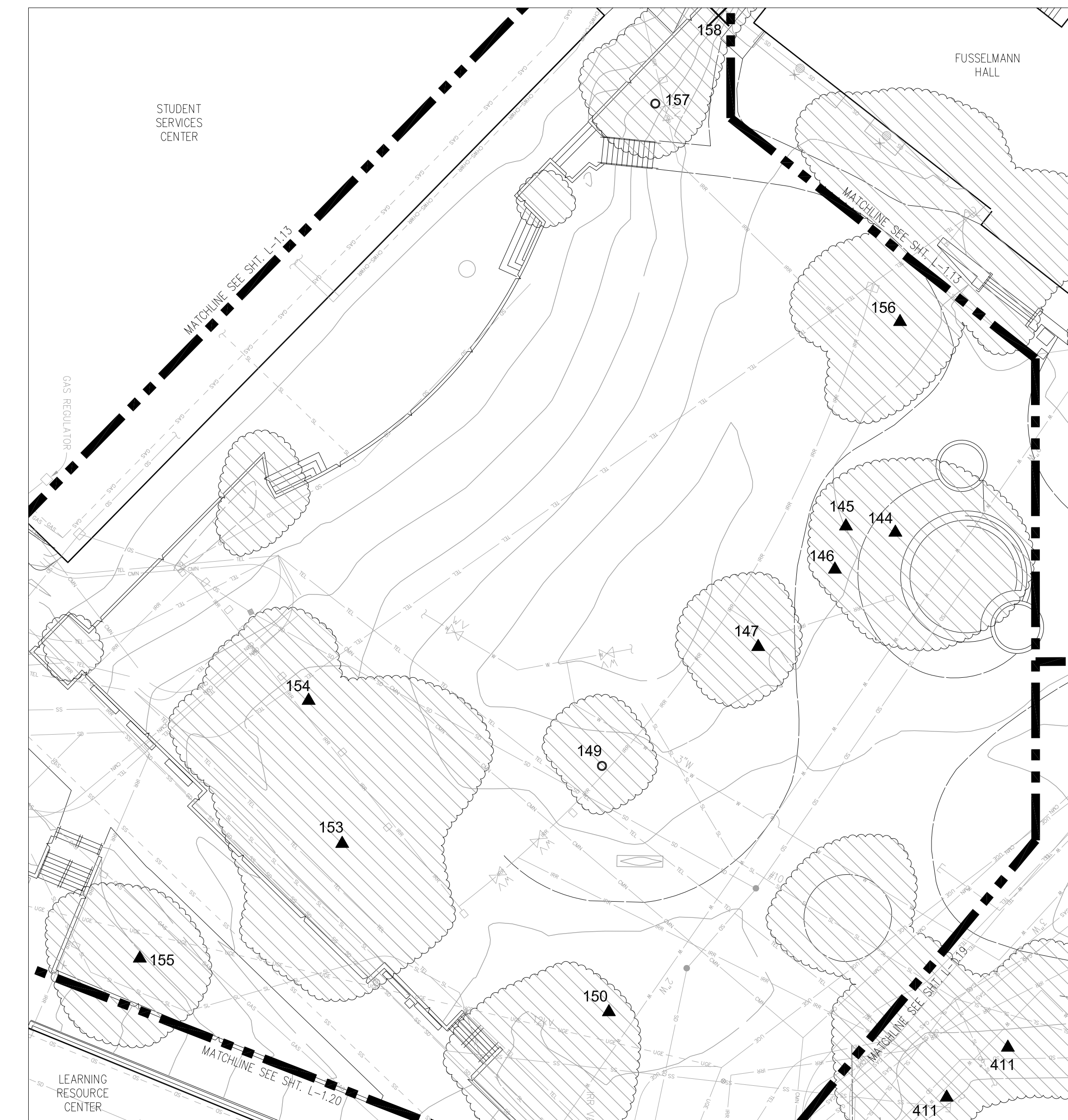
TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
122	Mimosa	<i>Albizia julibrissin</i>	Southeast corner of this planting zone just over a bench and recycling bin	18"	Good	Fair, Strong corrected lean.	None		None	5
123	Coast Redwood	<i>Sequoia sempervirens</i>	Northeast corner of the grove; located 4' east of the west perimeter sidewalk	36"	Good	Good	Cracking black-top.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
124	Coast Redwood	<i>Sequoia sempervirens</i>	2.5' south of T-123	48"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
125	Coast Redwood	<i>Sequoia sempervirens</i>	3' east of T-123	48"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
126	Coast Redwood	<i>Sequoia sempervirens</i>	Immediately adjacent to concrete bench; 4' east of T-125 and approximately 4.5' northwest of T-127	60"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
127	Coast Redwood	<i>Sequoia sempervirens</i>	At northeast corner of this grouping; approximately 4' T-129 and about 5' from T-126	72"	Good	3 stems, 2 broken.	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
129	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 3' from T-130; in the center of this Redwood grove	36"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
130	Coast Redwood	<i>Sequoia sempervirens</i>	On the east side of the grove between T-131 and T-127	18"	Good	Broken top and suppressed.	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
131	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 4' south of T-130 and 8' north of T-132	24"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
132	Coast Redwood	<i>Sequoia sempervirens</i>	Southeast corner of this grove	60"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
133	Coast Redwood	<i>Sequoia sempervirens</i>	Located 3' northwest of T-132	12"	Good	Good, Suppressed.	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
135	Coast Redwood	<i>Sequoia sempervirens</i>	Internal tree	18"	Good	Good, Suppressed.	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
137	Coast Redwood	<i>Sequoia sempervirens</i>	Along the south perimeter of the stand near the southwest corner of the grove	36"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
138	Coast Redwood	<i>Sequoia sempervirens</i>	Southwest-most tree in the grove	24"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
139	Coast Redwood	<i>Sequoia sempervirens</i>	2' north of T-138; 1' south of T-141; approximately 7' east of black-top pathway that leads to the BBQ area	36"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
141	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 1' north of T-139	18"	Good	Good, Suppressed.	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
142	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 3' north of T-141	24"	Good	Good	None/insignificant.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
144	Loquat	<i>Eriobotrya japonica</i>	Grouping of three Loquats in a planter box, toward the southwest corner of Zone 2	Cluster of three	Fair	Much deadwood present with black coating covering various branches.	None		Crown cleaning	2
145	Loquat	<i>Eriobotrya japonica</i>	Northeast tree in this grouping of three	Cluster of three	Fair	Much deadwood present with black coating covering various branches.	None		Crown cleaning. Remove any bright infected areas during the summer. Switch to bubbler irrigation.	2
146	Loquat	<i>Eriobotrya japonica</i>	South-most tree in the grouping of three	Cluster of three	Fair	Much deadwood present with black coating covering various branches.	None		Crown cleaning	2
147	Port Orford Cedar	<i>Chamaecyparis lawsoniana</i>	Toward the south end of the lawn area and approximately 30' southeast of the Loquat	24"	Good.	Good	None	Adventitious sprouts present that have a potential to compete with main stem	Remove all competing sprouts down to grade.	2
149	Ginkgo	<i>Ginkgo biloba</i>	Approximately 30' east/southeast of the cedar	16"	Good, Excellent trunk taper.	Fair to good	None		None	5
150	Sweetgum	<i>Liquidambar styraciflua</i>	Above the retaining wall between the Learning Resource Center and the quadrangle	24"	Fair	Fair to good	None	2" dead limb hanging in canopy	Remove dead limb	4
153	Big Leaf Maple	<i>Acer macrophyllum</i>	In a large planting island east of the retaining wall near the Student Resource Center	44"	Fair; epiphytes present in main crotch at 7' suggesting possible decay. Old cabling system present. Cables display slacking. One cable is attached in to a dead stub.			Large dead limb extending east north east.	Crown cleaning. Cabling system needs maintenance. Additional risk assessment.	1
154	Akebono Cherry	<i>Prunus x yedoensis 'Akebono'</i>	In planting bed near stair and retaining wall east of the Student Resource Center	18"	Fair to poor. Mature tree in decline. Sun scald present.	Poor to fair	None		Trim back long extending limb.	4
155	Camphor	<i>Cinnamomum camphora</i>	North of the Learning Resource Center along the sidewalk	20"	Fair. Girdling roots present.	Fair	None		Crown cleaning.	4
156	European Horsechestnut	<i>Aesculus hippocastanum</i>	East of a large stump in front of Fusselman Hall	16"	Fair to good	Fair	New construction present within 5' of root crown. Roots have been disturbed to install new bench footings. Concrete has been poured within root zone.	Tree should be monitored during and after construction.	Monitor for signs of decline and schedule health assessment if symptoms are present.	2
157	Swamp Cypress		Off of the southeast corner of Fusselman Hall and the northwest corner of the Student Services Building	12"	Fair	Good	None		None	5
158	Dawn Redwood	<i>Metasequoia glyptostroboides</i>	Near the southeast corner of Fusselman Hall	14"	Poor health due to confined root zone and high albedo area.	Fair. Two competing leaders.	None	Longevity of this tree is in doubt due to its placement and high albedo.	Remove	1

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



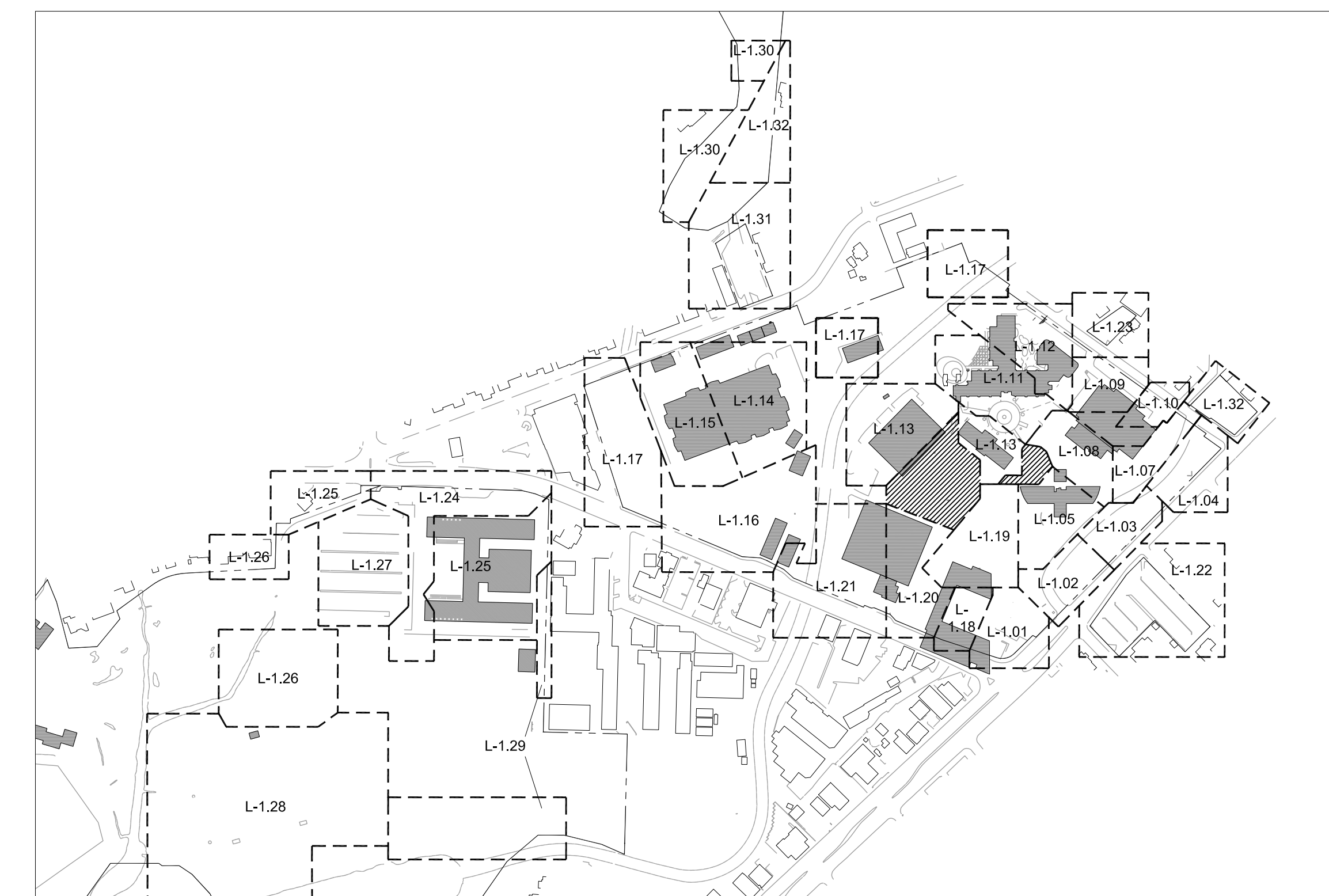
1 CENTRAL REDWOOD GROVE (TREES 122-142)

1" = 20', CONTOUR INTERVAL = 1'



2 CENTRAL QUAD SOUTH (TREES 144-158)

1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE

rev.	date	issue

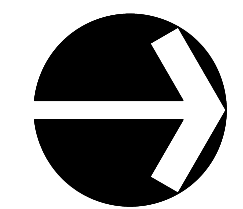
TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

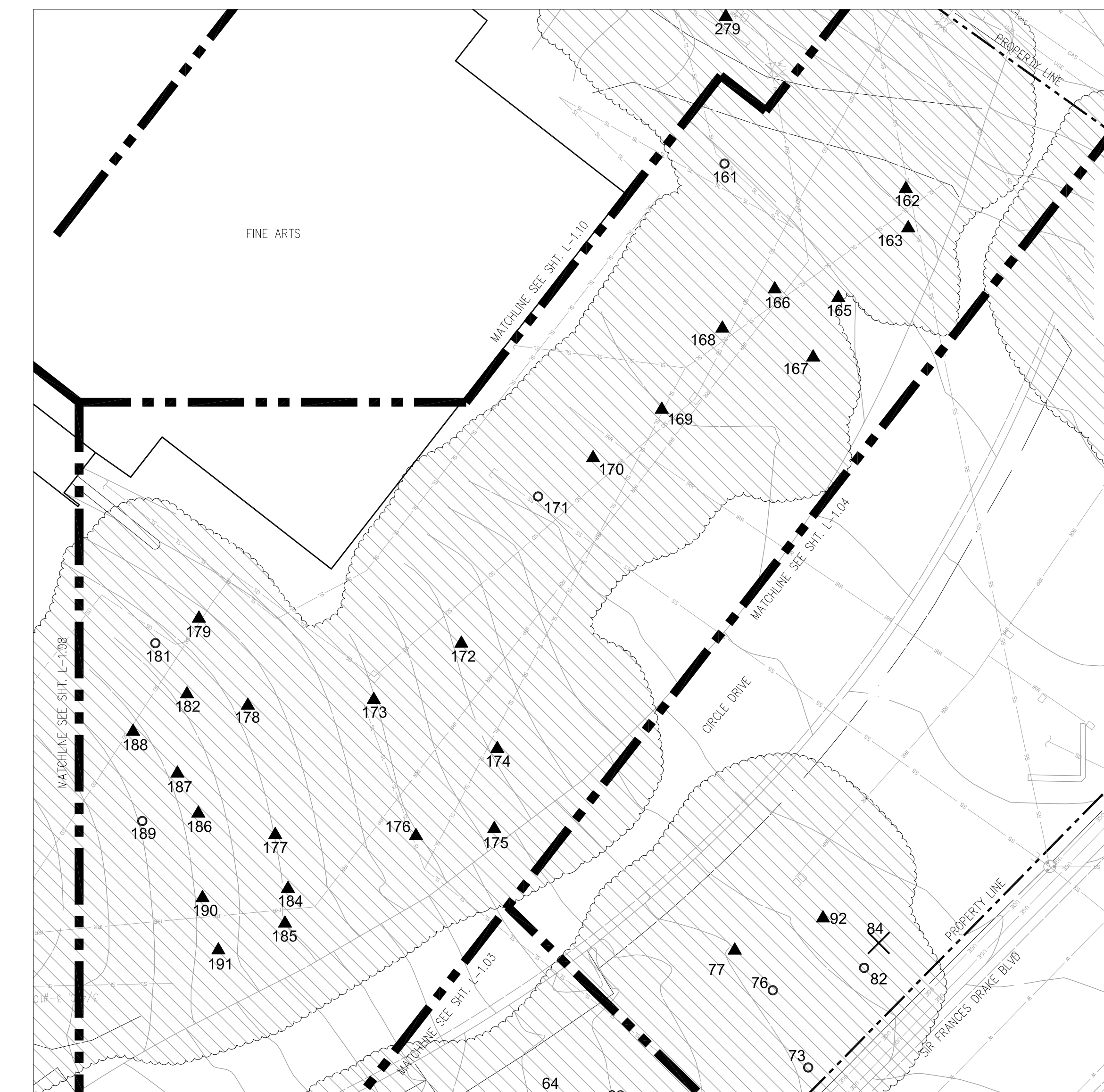
REDWOOD GROVE & CNTRL
QUAD SO. (TREES 122-158)

L-1.06



Tree #	Species (common)	Species (scientific)	TREE ASSESSMENT						SCHEDULE OF WORK	
			Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
161	Coast Redwood	<i>Sequoia sempervirens</i>	4' south of the sidewalk north of the Fine Arts Center; approximately 5' from the sidewalk leading to the east entrance, next to the black-top driveway for this building	12"	Fair; sparse crown with competition on either side.	Good		None	None	5
162	Coast Redwood	<i>Sequoia sempervirens</i>	In a planter box between the driveway entrance to the Fine Arts Building and the sidewalk for the building; approx. 20' north/northeast of the northwest corner of the building; approximately 1.5' south from a cement retaining wall for the driveway and approximately 2' north of the cement walkway	20"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	3
163	Coast Redwood	<i>Sequoia sempervirens</i>	7' northeast of the northeast corner of the concrete slab to the ascending sidewalk	12"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	3
165	Coast Redwood	<i>Sequoia sempervirens</i>		10"	Good	Good		None	Limb up branches < 3" in diameter up to 10' high for visual clearance. Remove all sprouts down to grade.	2
166	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 7' south of the concrete perimeter to the planting area; approx. 18-20' north of the sidewalk along the north side of the building	32"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
167	Coast Redwood	<i>Sequoia sempervirens</i>	10' north of the sidewalk along the north side of the building and approximately 12' south of the concrete perimeter of the planting area	30"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
168	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 4' north of the water valve; approx. 8' north of the concrete sidewalk along the north side of the building; approx. 4' south of the concrete perimeter to the planting area	34"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
169	Coast Redwood	<i>Sequoia sempervirens</i>	Opposite the center door on the north side of the building; 2' north of the sidewalk (along the north side of the building) and 3' south of the concrete perimeter	22"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance.	2
170	Coast Redwood	<i>Sequoia sempervirens</i>	Within 20' of the northeast corner of the brick building; approximately 4' north of the north sidewalk; approx. 3' south of the concrete perimeter to the planting area	44"	Good. Top appears to have broken out but doesn't seem to have had any effect on overall health.	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
171	Coast Redwood	<i>Sequoia sempervirens</i>	10' north of the north sidewalk along the building; approx. 22' north of the northeast corner of the brick building	35"	Good	Good		None	None	5
172	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' north of T-171	12"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
173	English Oak	<i>Quercus robur</i>	Approximately 12' east of the T-172 and 171; approx. 15' north of a descending stairway, the sidewalk opposite the northeast corner of the brick music building	22"	Fair	Fair. Multiple stems arising from main trunk at 10'		None	Deadwood evident in crown. Crown cleaning	3
174	English Oak	<i>Quercus robur</i>	Located between T-173 and T-175	20"	Fair	Fair		None	Deadwood evident in crown. Crown cleaning	3
175	English Oak	<i>Quercus robur</i>	Northeast-most tree off of the northeast corner of the brick Music Building; approximately 12' west of a black-top walkway that goes down to the northeast entrance; approx. 12' south of the curb to the parking area; approx. 15' east of the last tree	22"	Fair	Fair		None	Deadwood evident in crown. Crown cleaning	3
176	Coast Redwood	<i>Sequoia sempervirens</i>	3' east of the descending black-top sidewalk down to the northeast corner of the music building; approx. 15' southwest of a Monterey pine	18"	Fair; showing signs of stress past construction. Pitch present on trunk. Sparse crown.	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade. Irrigate to mitigate stress.	2
177	Incense Cedar	<i>Calocedrus decurrens</i>	Approximately 8' east of the head of the descending stairway to the northeast corner of the brick music building	10"	Fair; being shaded out by adjacent redwood grove.	Good		None	Remove deadwood. Remove vines at base of tree.	4
178	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' south/southeast of T-177, and approximately 20' north of a large dominant Atlas Cedar	14"	Fair; suppressed by adjacent redwoods.	Fair. Asymmetrical canopy.		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	3
179	Hollyleaf Cherry	<i>Prunus ilicifolia</i>	Approximately 15' northwest of the large Cedar and just outside of the clay storage unit for the kiln; approx. 12' north/northwest of a stone bench	Multi-stem; approx. 10' at base of trunk	Good	Good		None	Remove vines from base of tree. Prune to raise canopy to a height of 5' for visual clearance	3
181	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 25' north of the concrete walk along the north part of the Art Building; in the center of the Redwood grove	16"	Good	Fair. Asymmetrical crown.		None	None.	5
182	Coast Redwood	<i>Sequoia sempervirens</i>	In the center of the stand and is a dominant tree	30"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	3
184	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 2' south of the black-top sidewalk along the south side of the parking area	24"	Fair; top of tree is sparse. Recent construction to adjacent walkway seems to be causing stress.	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade. Irrigate to mitigate stress.	2
185	Coast Redwood	<i>Sequoia sempervirens</i>	Located in the center of the stand	10"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
186	Coast Redwood	<i>Sequoia sempervirens</i>	Located mid-grove	22"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
187	Coast Redwood	<i>Sequoia sempervirens</i>	Located mid-grove	18"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
188	Coast Redwood	<i>Sequoia sempervirens</i>	At the south side of the grove; near the north concrete wall of the Art Building; approximately 20' northeast of the Atlas Cedar	32"	Good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
189	Coast Redwood	<i>Sequoia sempervirens</i>	Located mid-stand	24"	Good	Good		None	None	5
190	Coast Redwood	<i>Sequoia sempervirens</i>	Located mid-grove	22"	Fair to good	Good		None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	2
191	Coast Redwood	<i>Sequoia sempervirens</i>	Less than 1' from the black-top sidewalk that runs along the south perimeter of the parking area	28"	Fair; Significant root mass removed due to construction on northeast side of tree. Sparse growth at top of tree.	Fair		None	Monitor tree for decline. Remove all sprouts and branches < 3" in diameter up to ten feet.	2

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 FINE ARTS NORTH (TREES 161-191)

1" = 20', CONTOUR INTERVAL = 1'

0 10 20 30 FEET



KEY MAP - NOT TO SCALE

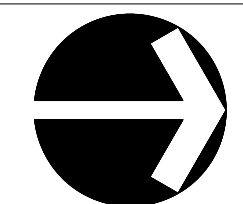


TREE REMOVAL

Kentfield Campus

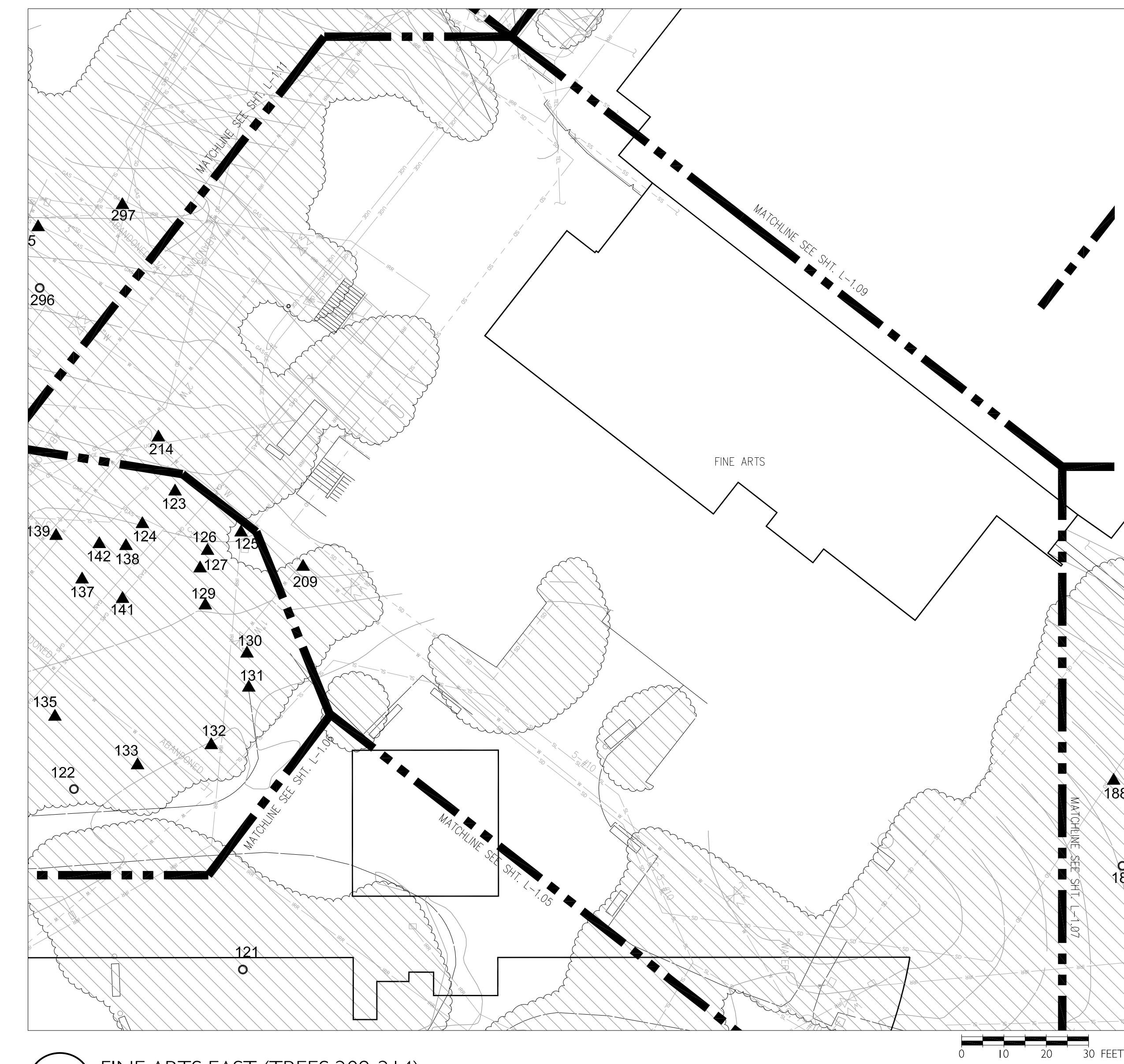
Dist. Project # _____ date: 07/10/14
AE Project # _____ drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

FINE ARTS NORTH (TREES 159-192)
L-1.07

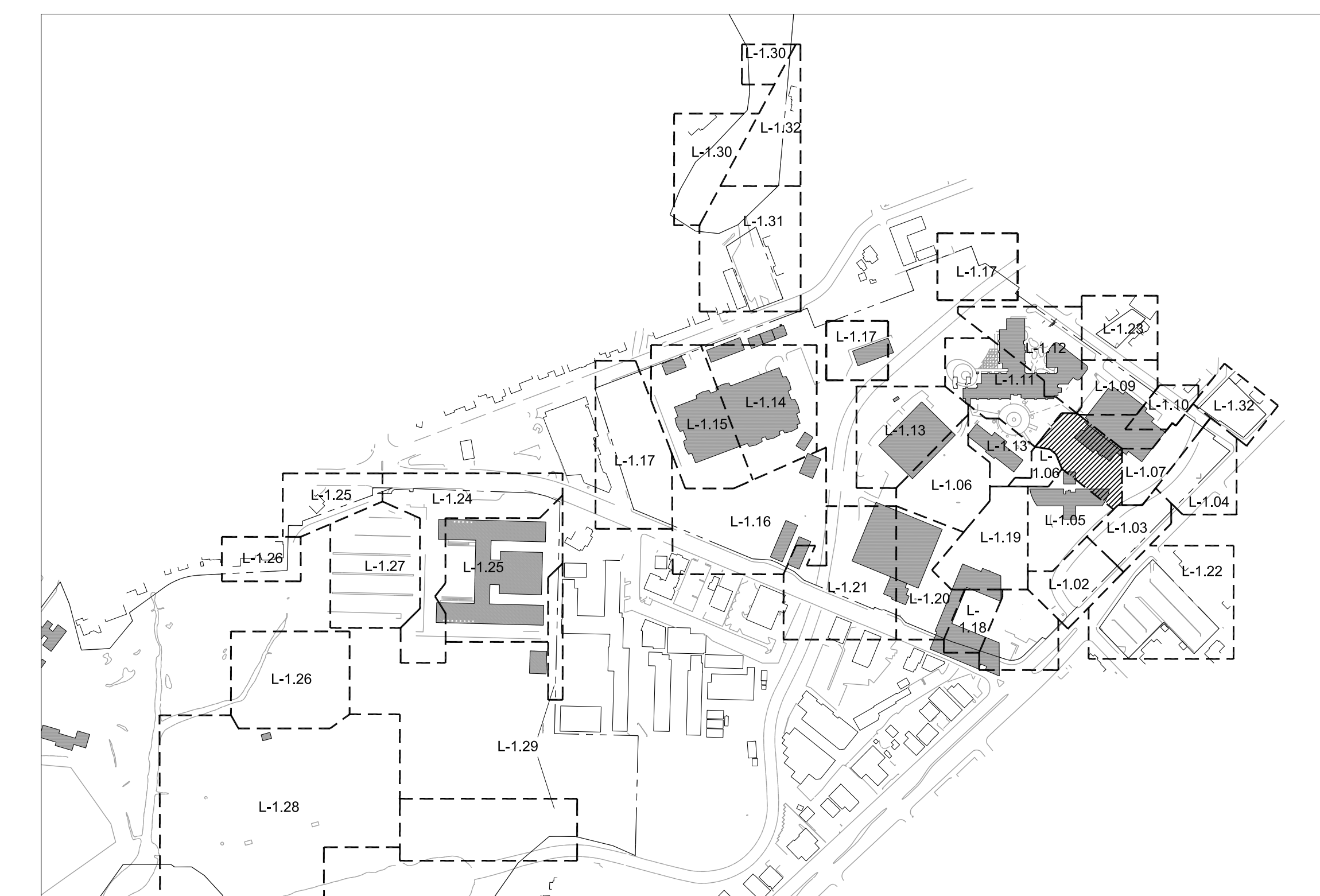


TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
209	American Persimmon	<i>Diospyros virginiana</i>	Opposite an equipment enclosure at the south end of the Fine Arts Building; within 4' of the black-top sidewalk	10"	Fair to poor; mature to over mature.	Fair; leggy structure. Has been directionally pruned away from pathway.	None		Reduce crown 15% and crown clean.	3
214	Coast Redwood	<i>Sequoia sempervirens</i>	In the middle of the black top sidewalk that descends to the west parking lot	24"	Good; some roots have been dug up to accommodate placement of rocks around a drainage grate.	Good	Good	Damage from digging probably won't cause significant damage.	Supply irrigation to mitigate root disturbance.	3

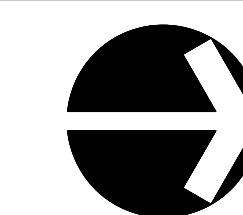
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 FINE ARTS EAST (TREES 209-214)
1" = 20', CONTOUR INTERVAL = 1'

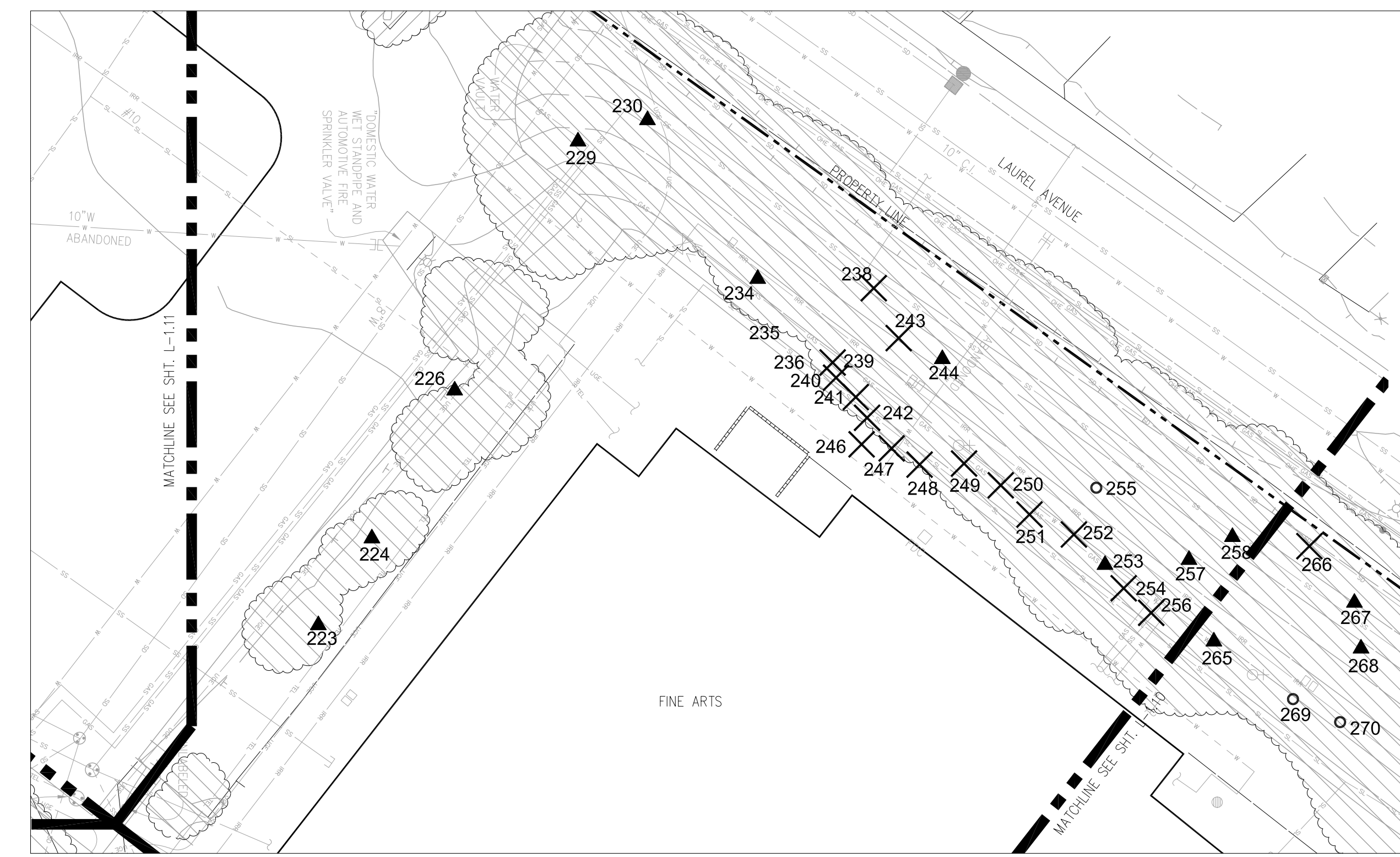


KEY MAP - NOT TO SCALE



Tree #	Species (common)	Species (scientific)	TREE ASSESSMENT					SCHEDULE OF WORK		
			Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
223	Coast Redwood	<i>Sequoia sempervirens</i>	Opposite the studio theater entrance; 10' south of the black-top sidewalk along the south side of the building; approximately 10' north of the west parking lot north curb	18"	Good	Good	None	None	Limb up branches < 3" in diameter up to 8' for visual clearance.	3
224	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' west of T-223 and approximately 8' south of the sidewalk along the south end of the building; toward the center of the building wall	8"	Good	Good	None	None	Limb up branches < 3" in diameter up to 8' for visual clearance.	3
226	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 7' south of the black-top sidewalk along the south side of the Fine Arts Theater; within 25' of the southwest corner of the building	10"	Good; top died out at one time and has come back with multiple sprouts.	Good	None	None	Prune top to select one dominant leader. Prune sprouts down to grade and raise canopy to 8'	3
229	Coast Redwood	<i>Sequoia sempervirens</i>	Southeast-most tree in the planting strip; approximately 8' from the curved curb that connects the drive along the west side of the Theater Arts Building and the drive apron to the north exit from the parking lot	Double trunk; 26", 28"	Good	Good	None	None	Limb up branches < 3" in diameter up to ten feet for visual clearance.	3
230	Coast Redwood	<i>Sequoia sempervirens</i>	Southwest-most tree in the planting area; approximately 6' south of a manhole and 10' north of the curb to the north exit driveway apron from the west parking lot; approx. 15' east/northeast of an underground electric facility adjacent to a power-pole	Double trunk; 20", 24"	Good	Good	None	None	Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove all sprouts down to grade.	3
234	Coast Live Oak	<i>Quercus agrifolia</i>	4' west of the curb to the driveway apron along west side of the Studio Arts Building	14"	Fair; significant damage from tall trucks.	Fair	None	None	Prune to raise canopy for clearance from trucks.	2
235	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	Approximately 4.5' from the curb along the driveway that runs west of the Fine Arts Center; approximately 15' north/northeast of T-234	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
236	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	Approximately 3' north of T-235	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
238	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' up slope from the black-top sidewalk along Laurel; approx. 20' down slope from the west curb of the west side driveway	30"	Fair; sparse upper crown. Appears to be stressed. Three adjacent giant sequoia were removed which was a significant change for this tree.	Fair to good	None	None	Thick ivy is growing at base of the tree. Remove all competing ivy. The ivy competes for water and nutrients.	3
239	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	Approximately 3.5' west of the curb to the driveway along the west side of the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
240	Ornamental Cherry	<i>Prunus sp.</i>	4' west of the curb to the driveway along the west side of the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
241	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	North of T-240	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
242	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	4' from the curb and 4' north of T-241	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
243	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 6' northeast from a sewer line clean out area; approx. 20' upslope of the black-top sidewalk along Laurel Ave.; 20' downslope of the curve to the driveway west of the Fine Arts Building	Double trunk; 18" and 22"	Good	Good	None	None	Thick ivy is growing at base of the tree. Remove	3
244	Coast Redwood	<i>Sequoia sempervirens</i>	Within 2' east of the black-top sidewalk along Laurel Ave.; approximately 10' east of the curve along Laurel Ave.	30"	Fair; cavity at base four feet in length.	Fair	None	None	Irrigation head very close to root crown. More extensive tree risk assessment to observe extent of decay at root crown. Limb up branches < 3" in diameter up to ten feet for visual clearance.	3
246	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	4' west of the west driveway curb for the Fine Arts Building; up-slope of T-243	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
247	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	3' north of the tree T-246	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
248	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
249	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	In a row 4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
250	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	In a row 4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
251	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	In a row 4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
252	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	In a row 4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
253	Coast Redwood	<i>Sequoia sempervirens</i>		24"	Good	Good	None	None	4" diameter sprout growing at base off the main trunk. Limb up branches < 3" in diameter up to ten feet for visual clearance. Remove 4" diameter sprout at base of tree down to grade.	3
254	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	In a row 4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
255	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	In a row 4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
256	Carolina Laurel Cherry	<i>Prunus caroliniana</i>	In a row 4' west of the curb to the west driveway for the Fine Arts Building	4"	Fair; being shaded out by adjacent redwood grove.	Fair	None	None	Remove	2
257	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 12' upslope from the black-top sidewalk along Laurel Ave.; along the high power lines and secondaries	Cluster of six stems; -14"	Fair to good. 100% LCR	Good	None	None	Raising canopy should be a priority. Limb up branches < 3" in diameter up to ten feet for visual clearance.	2
258	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 12' upslope from the black-top sidewalk along Laurel Ave.	18"	Fair; stressed. Sparse crown.	Good	None	None	Limb up branches < 3" in diameter up to ten feet for visual clearance.	3

NOTE: SEE TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES ON SHEET L-1.01.



1 FINE ARTS SOUTH (TREES 222-258)
1" = 20', CONTOUR INTERVAL = 1'

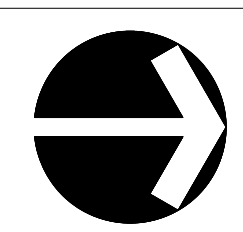


KEY MAP - NOT TO SCALE

rev.	date	issue

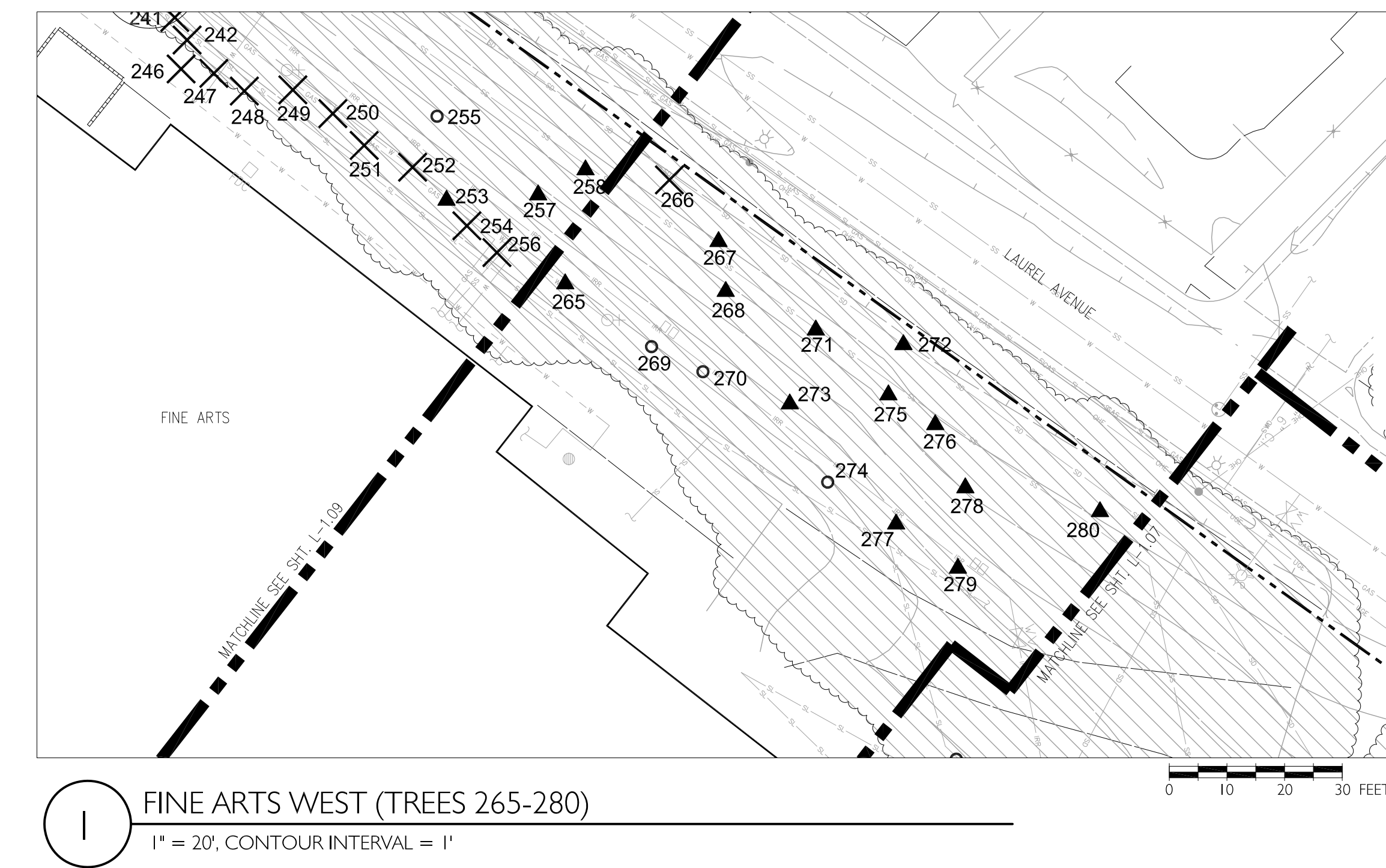
TREE REMOVAL
Kentfield Campus

Distict Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'



TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
265	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' directly upslope from tree T-266; approximately 2' down-slope of the curb	36"	Good	Good	None		Prune sprout growth.	3
266	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 7' upslope from the black-top sidewalk along Laurel Ave.	24"	Fair to good; past decay at base seems to have healed over.	Poor to fair; twisting shape at top. Subordinate leader growing where limbs have been removed for power line clearance.	None	Thick ivy at base of tree seems to be keeping soil very moist. Tree is being out-competed by adjacent trees.	Remove to reduce competition in the stand.	2
267	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 12' north of tree T-266 and 7' upslope of the sidewalk along Laurel Ave.	18"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
268	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 10' up-slope of the black-top sidewalk along Laurel Ave.; 20' downslope of the curb to the west driveway for the Fine Arts building	Clump of four trees at 12" each	Fair; These are interior trees and are crowding one another.	Fair.	None.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
269	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' up-slope of T-268; approximately 10' downslope of the curb	12"	Good	Good	None		None	5
270	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 15' down-slope of the curb and up-slope of the dominant T-271	16"	Good	Good	None		None	5
271	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 10' up-slope of the sidewalk along Laurel Ave.	36"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
272	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 9' up-slope of the sidewalk along Laurel Ave; extends directly up towards the power lines	Sprout growth post-removal	Good	Poor. Too crowded.	None		Either select a single sprout to remain to fill the space or regularly cut back all the sprouts.	2
273	Coast Redwood	<i>Sequoia sempervirens</i>	8' from the west curb of the Fine Arts building driveway	Multi-stem; 36", 30", 12"	Fair to good.	Fair. Co-dominant leaders but they look OK.	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	4
274	Coast Redwood	<i>Sequoia sempervirens</i>	10' west of the driveway curb	30"	Good	Good	Some apparent root damage to the adjacent driveway.		None	5
275	Coast Redwood	<i>Sequoia sempervirens</i>	2' upslope of the sidewalk along Laurel Ave. and about 20' below T-274	24"	Fair to good	Fair to good. Asymmetric canopy away from stand.	None.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
276	Coast Redwood	<i>Sequoia sempervirens</i>	10' from the sidewalk along Laurel Ave.; down-slope of T-277	Multi-stem; 18", 12", 12"	Good	Fair. Co-dominant leaders but they look ok.	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	3
277	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 8' west of the curb to the west driveway for the Fine Arts building	30"	Good	Good	Some sidewalk damage from roots.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
278	Coast Redwood	<i>Sequoia sempervirens</i>	Mid-stand approximately 20' below the driveway west of the Fine Arts building and 20' above the sidewalk along Laurel Ave.	12"	Good	Good	Some sidewalk damage from roots.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
279	Coast Redwood	<i>Sequoia sempervirens</i>	Approximately 8' up-slope of the sidewalk along Laurel Ave.; approximately 12' from the fire hydrant	18"	Good	Good	Some sidewalk damage from roots.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2
280	Coast Redwood	<i>Sequoia sempervirens</i>	Most northerly tree in this planting island; approximately 8' from the driveway curb and south of a black-top sidewalk that turns up the driveway from the Laurel Ave. sidewalk	36"	Good	Good	Some sidewalk damage from roots.		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance.	2

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



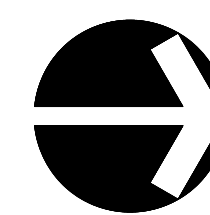
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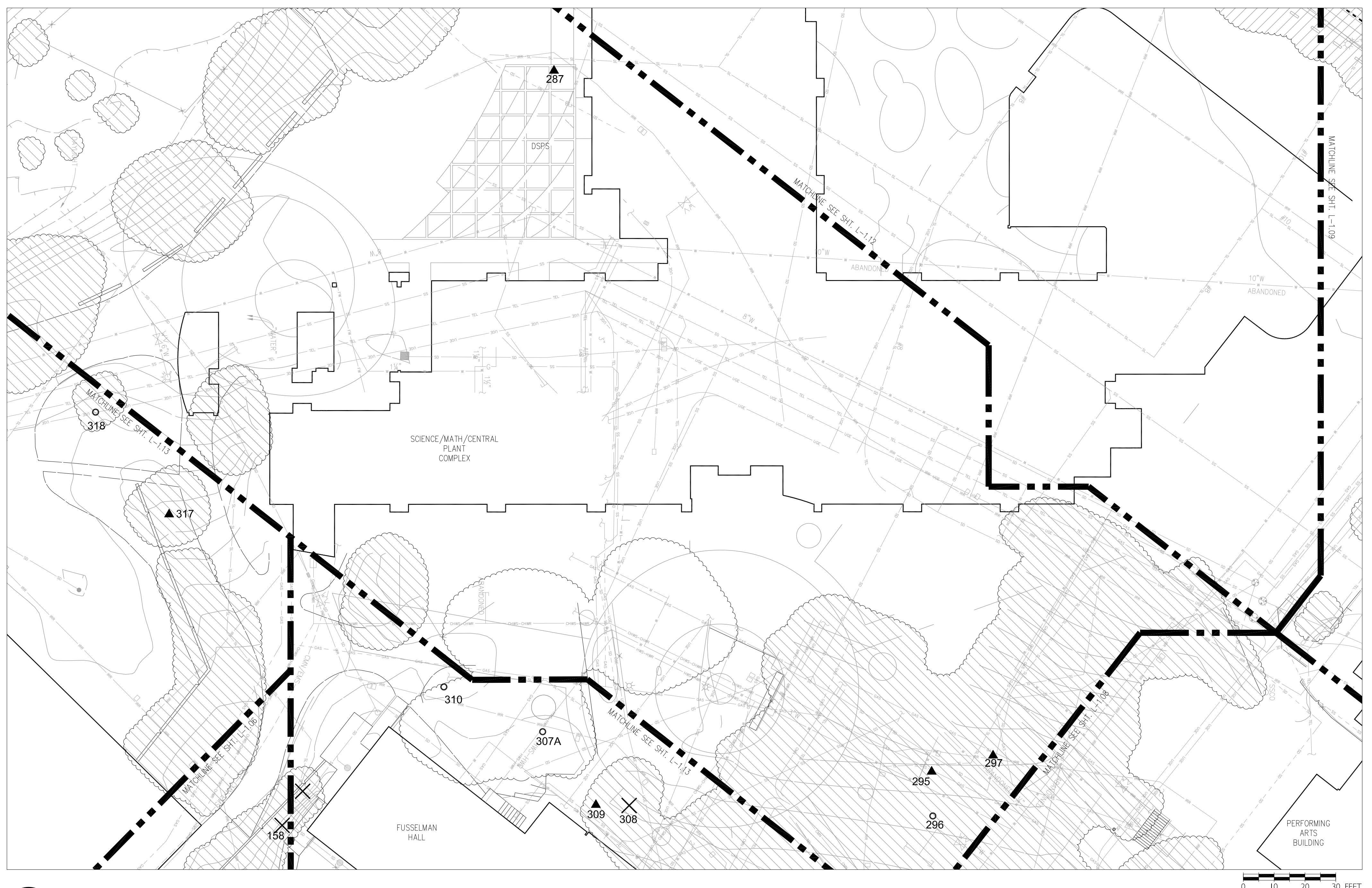
TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

FINE ARTS WEST
(TREES 259-280)
L-1.10





1 PARKING LOT #4/DICKSON HALL COMPLEX (TREES 287-297)
1" = 20', CONTOUR INTERVAL = 1'

Tree #	TREE ASSESSMENT								SCHEDULE OF WORK	
	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
287	Southern Magnolia	<i>Magnolia grandiflora</i>	10' off the south side of the new Math and Science Building	12"	Fair to good; past wounds from vehicle traffic	Fair	None		Crown cleaning	4
295	Giant Sequoia	<i>Sequoiadendron giganteum</i>	In a planting island off of the northeast corner of Dickson Hall	5'	Fair; sleridium canker observed in upper and lower canopy	Good	None		Crown cleaning	4
296	Coast Redwood	<i>Sequoia sempervirens</i>	15-20' to the north of the Giant Sequoia; immediately adjacent to the black-top pathway that leads down between Dickson Hall and the Fine Arts Building; within 5' of the BBQ pit area	24"	Good	Good	None		None	5
297	Giant Sequoia	<i>Sequoiadendron giganteum</i>	Off of the northeast corner of Dickson Hall; 12' off of the northeast corner in a planting island that is between Dickson Hall and the Fine Arts Building	4.5'	Fair to good; sleridium canker present but not significant.	Fair; co-dominant leaders with included bark.	None	Cabling system is too low in canopy.	Have cabling system inspected by qualified arborist.	2

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



KEY MAP - NOT TO SCALE

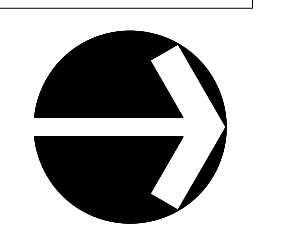
rev. date issue

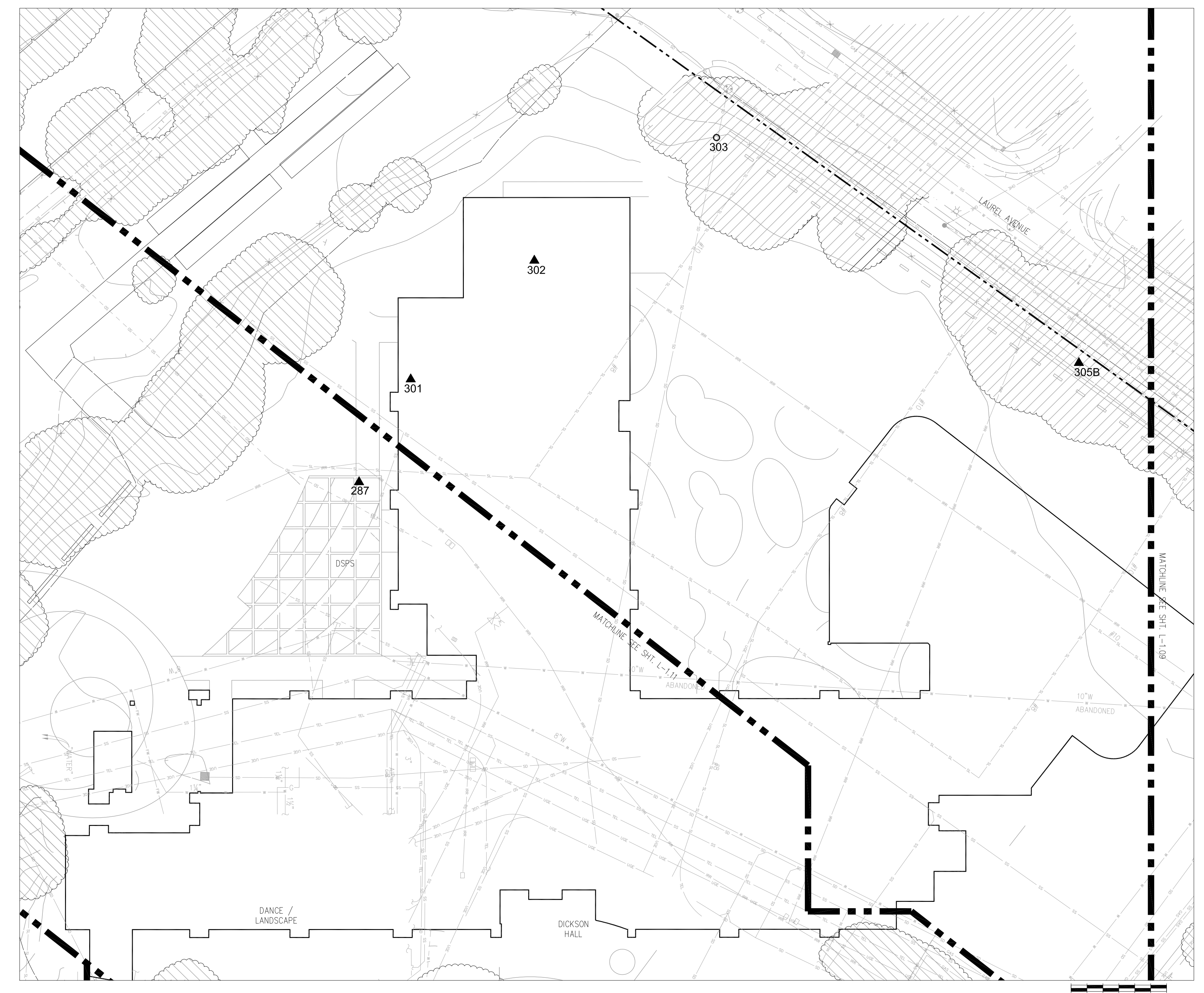
TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

DICKSON HALL COMPLEX
(TREES 281-299)

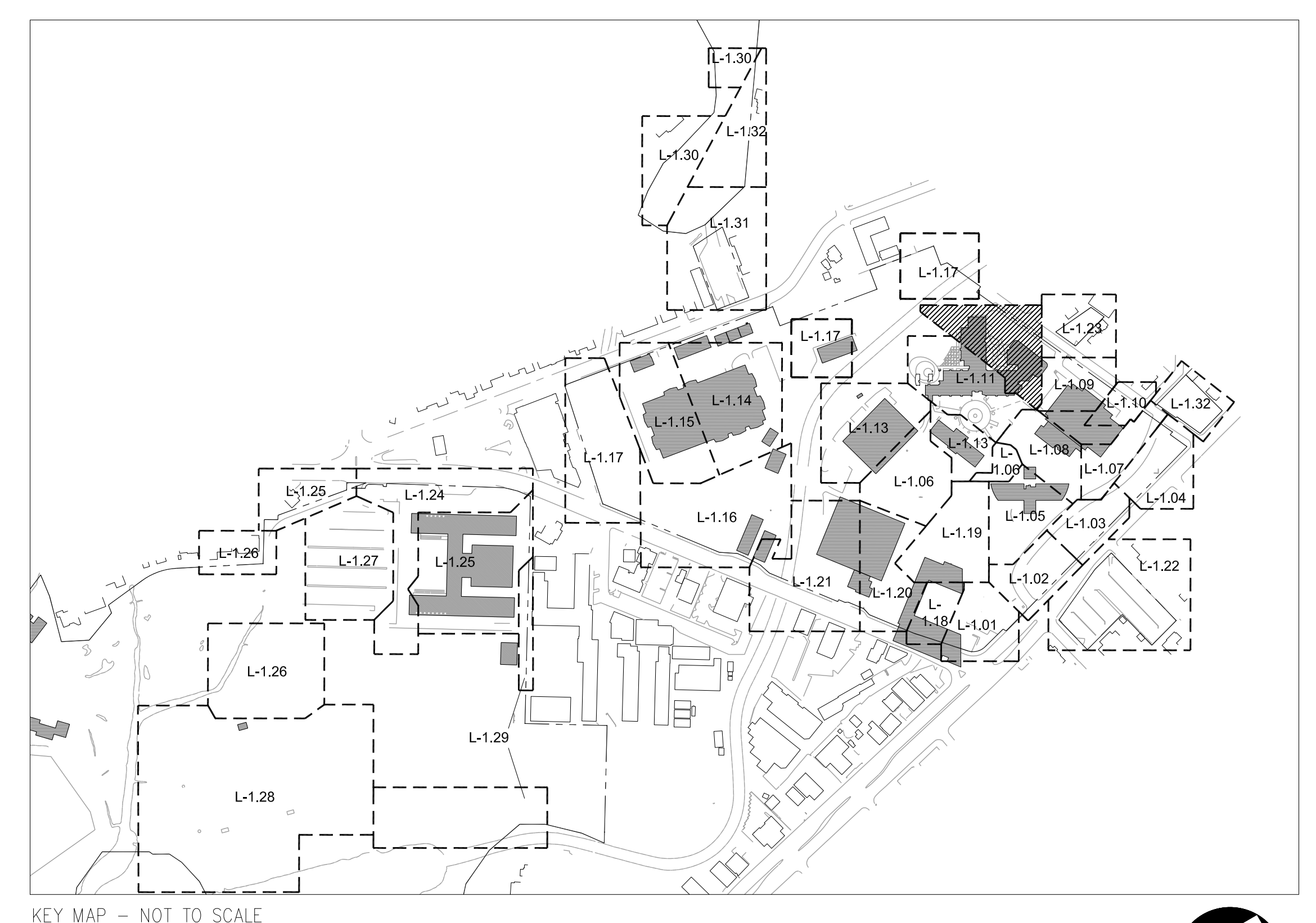




1 PARKING LOT #4/DICKSON HALL COMPLEX (TREES 301-305)
1" = 20', CONTOUR INTERVAL = 1'

Tree #	TREE ASSESSMENT								SCHEDULE OF WORK	
	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
301	Coast Redwood	<i>Sequoia sempervirens</i>	Southeast corner of parking lot #3; near the DSPS building and across the road to the south	Two main stems; 36" and 18"	Fair to good	Fair; the tree has two stems. One stem is dominant the other is subordinate.	None	Small 6" sprout growing off southwest side of tree.	Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance. Remove 6" sprout down to grade.	3
302	Evergreen Ash	<i>Frazinus uhdei</i>	At the south edge of the parking lot #3	18"	Fair	Fair	None		Crown cleaning to remove deadwood	4
303	Coast Live Oak	<i>Quercus agrifolia</i>	In the southwest corner planting island of parking area #3	Clump of two trees 12" and 32"	Fair; the larger tree has had a large branch removed to accommodate a new fence.	Fair	None		None	5
305	b Deodar Cedar	<i>Cedrus deodara</i>	On the west side of parking lot #3; the north-most tree in the planting island between the parking area and the black-top sidewalk along Laurel Ave.	24"	Good	Good	None		None	5

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01..



KEY MAP - NOT TO SCALE

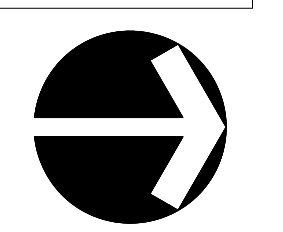
rev. date issue

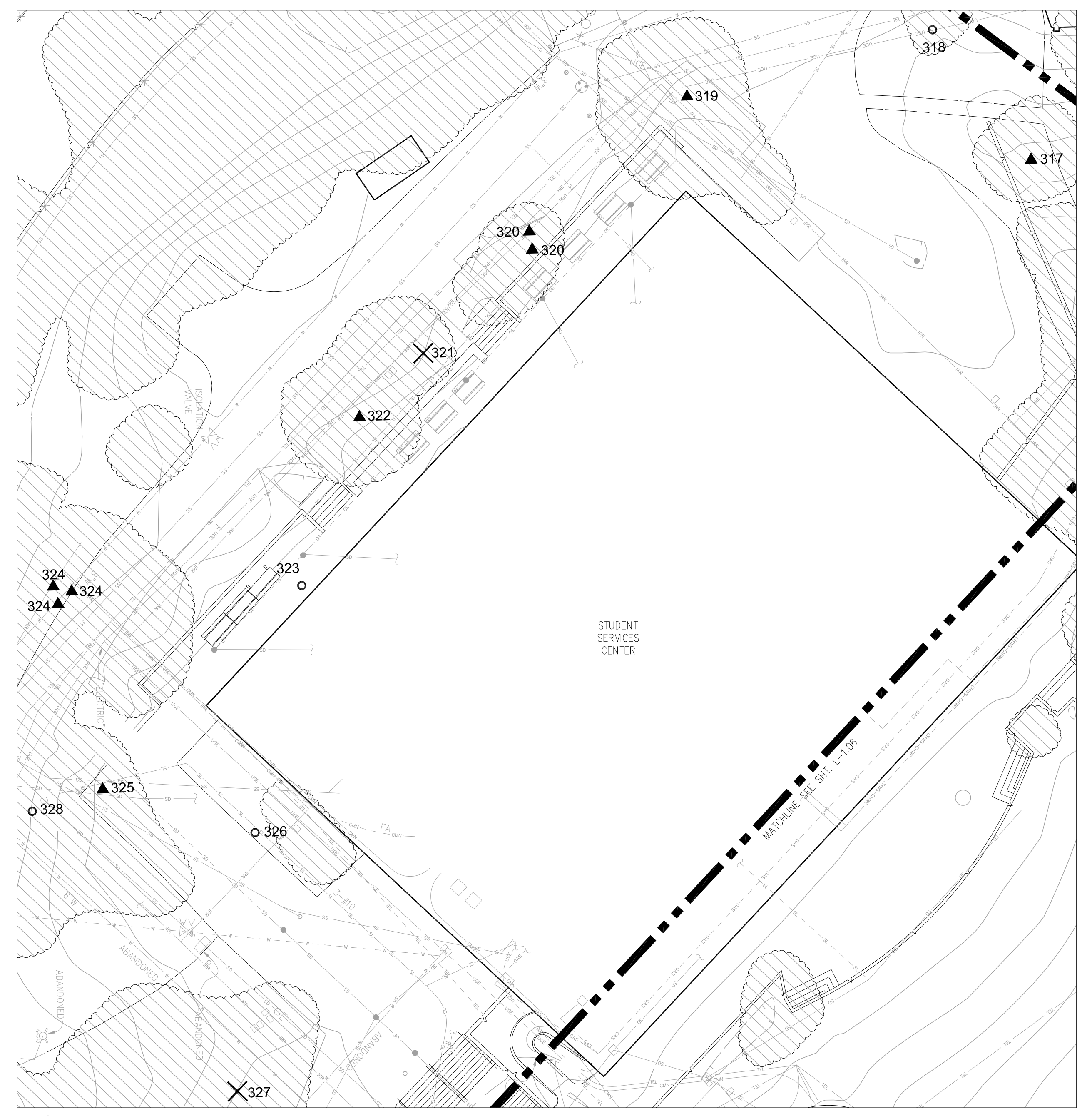
TREE REMOVAL

Kentfield Campus

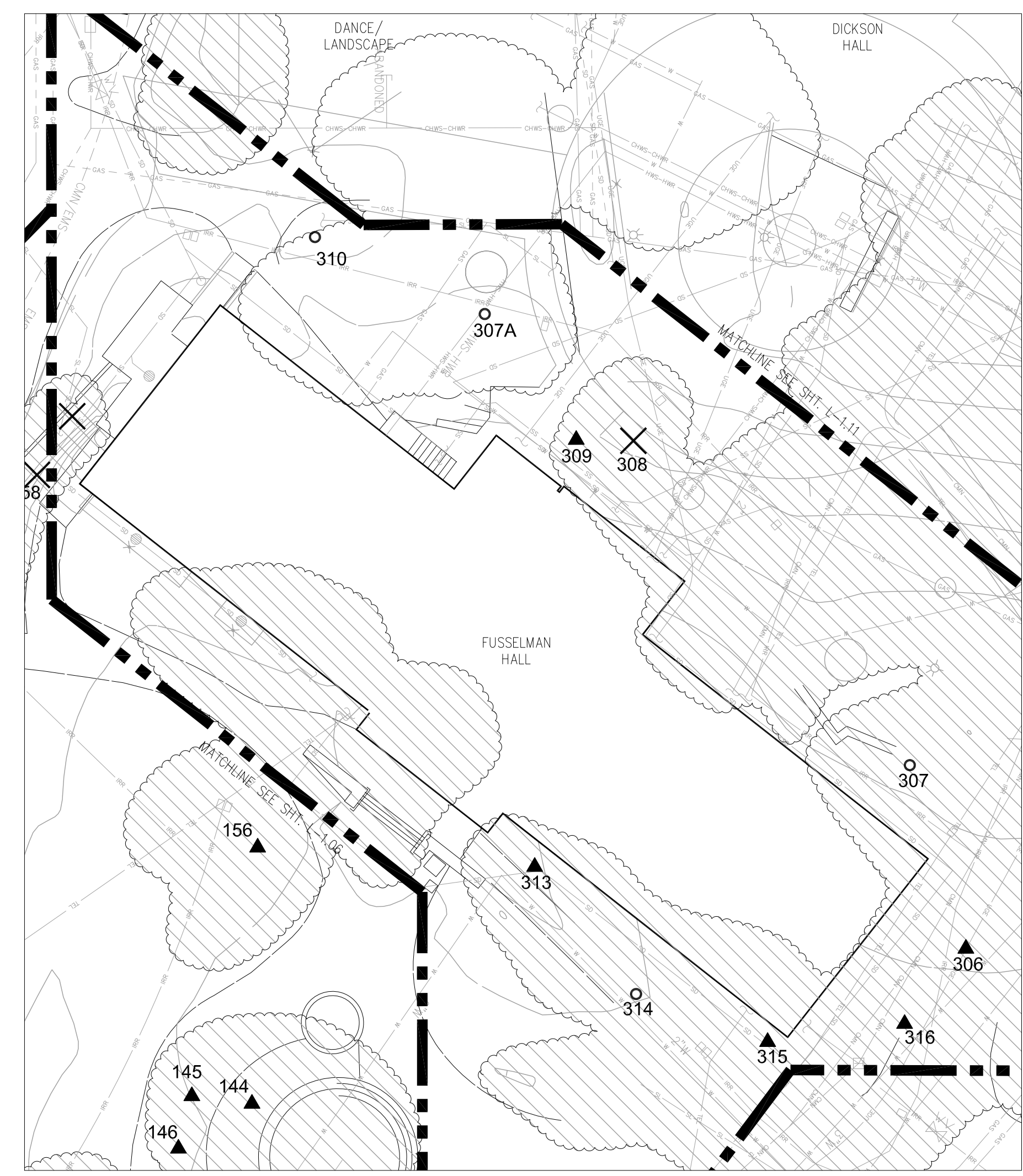
District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

PARKING LOT #4
(TREES 300-305)
L-1.12





2 STUDENT SERVICES CENTER (TREES 317-328)
1" = 20', CONTOUR INTERVAL = 1'



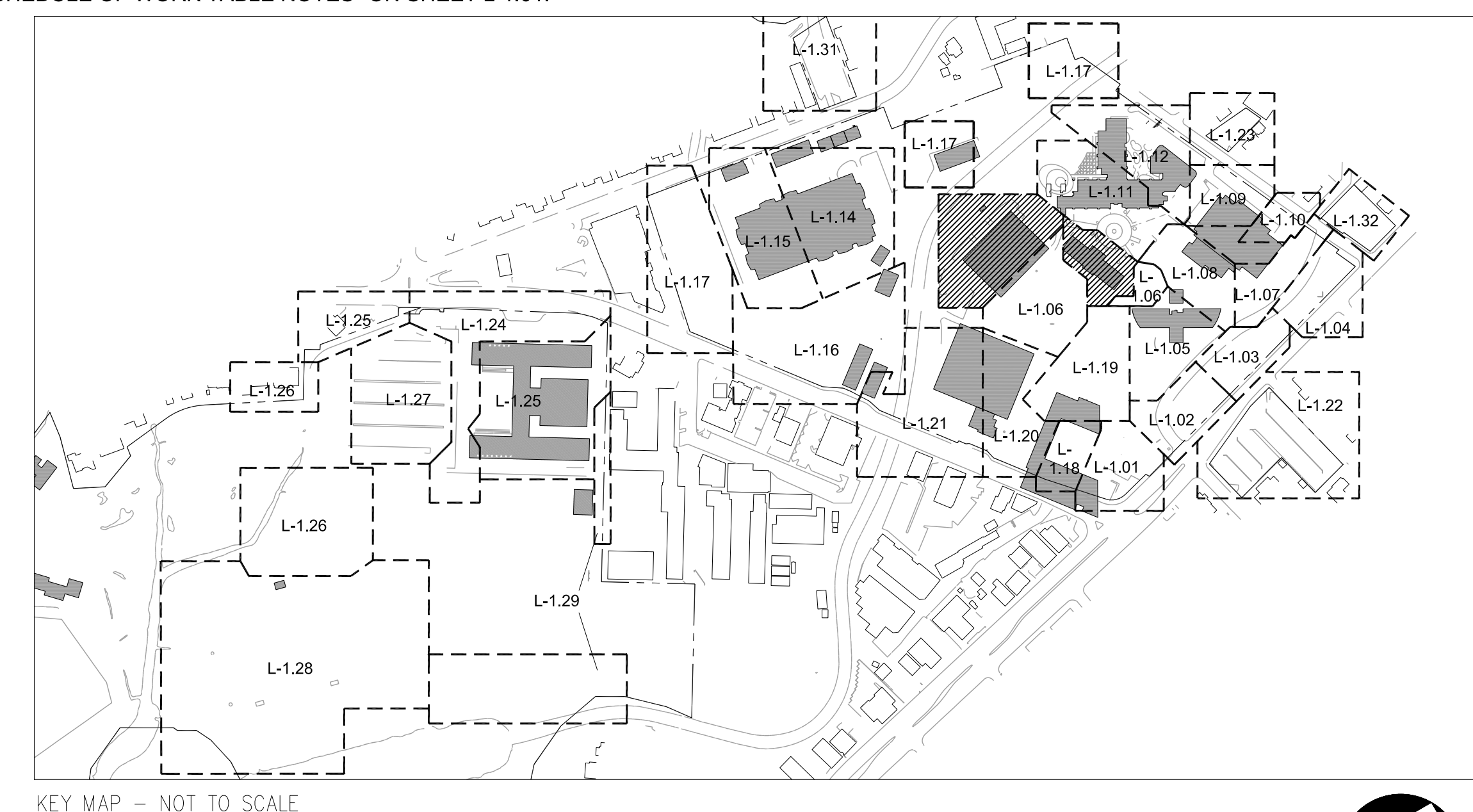
1 FUSSELMAN HALL (TREES 306-316)
1" = 20', CONTOUR INTERVAL = 1'

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to Infrastructure	Conclusion	Recommendations	Priority
317	Coast Live Oak	<i>Quercus agrifolia</i>	Northwest corner of the Student Services Building; northwest corner of the parking area to the west of the Student Services Building; 1.5' from a large retaining wall at the northwest corner of the parking area	6"	Good; juvenile.	Fair	None		Prune to develop one central leader.	4
318	Valley Oak	<i>Quercus lobata</i>	On west side of the Student Services Building; west of the parking area	6"	Fair; growing in a confined area bordered by a retaining wall	Fair	None		None	5
319	Catalpa	<i>Catalpa speciosa</i>	Off of the southwest corner of the Student Services Building	24"	Fair; mature to over mature. Low vigor.	Fair	None	SW-reaching branch towards enclosed high voltage area has been damaged by vehicles and has large crack at attachment. Guy wire extends through canopy and is in direct contact with tree.	Remove deadwood over 2" in diameter. Remove SW extending branch approximately 8' in diameter which has cracks at base and evidence of vehicle damage.	2
320	Sweetshade	<i>Hymenosporum flavum</i>	Within 3' of a cement retaining wall; off of the south side of the Student Services Building; west of the west-most set of doors on the south side of the building	12"	Fair to poor; decay column from base of tree to first crotch. Decay in center most leader.	Poor to fair	None		The center most leader splits into three with decay in the middle stem.	3
321	Pin Oak	<i>Quercus palustris</i>	In center planting island off of the south side of the Student Services Building; east of the west-most stairway on the south side of the building	8"	Fair; basin planted	Poor; lateral branch taking over as leader.	None	Combination of basin planting and poor structure.	Remove and replace.	2
322	Coast Redwood	<i>Sequoia sempervirens</i>	In the center planting island just west of the east-most stairway on the south side of the building	36"	Good	Good	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance. Remove sprouts down to grade.	3
323	Sweetshade	<i>Hymenosporum flavum</i>	1.5' from the foundation of the Student Services Building; 7' from the east entrance on the south side of the building; west of the Emeritus College Office	12"	Good	Good	Growing one foot from foundation with no ill affects. Has been pruned away from building with good results.		None	5
324	Coast Redwood	<i>Sequoia sempervirens</i>	Off of the southeast corner of the Student Services Building; south of the cement retaining wall for the patio area; north of a black-top driveway on south side of the building	Four stems at 18" each	Good	Good to fair; many crossing branches.	None		Prune sprouts at base. Prune branches and foliage up to 10' for visual clearance. Remove all sprouts down to grade.	3
325	Corkscrew Willow	<i>Salix babylonica 'Crispa'</i>	Off of the southeast corner of the Student Services Building; on the east side of the stairway leading to the black-top drive	Multiple stems at 24" and 20"	Good to fair; mature.	Fair; Multi-stemmed but okay.		Lifting concrete creating trip hazard.	Augment the top of the concrete stairs to mitigate trip hazard.	2
326	Loquat	<i>Eriobotrya japonica</i>	South of the east entrance to the Student Services Building; under the eave of the building and is in conflict with the eave	Three stems at 10" each.	Fair; tree was topped to encourage growth away from building. Copious sprouts arising from topping cuts.	Fair. Strong lean away from building.	None		None	5
327	Siberian Elm	<i>Ulmus pumila</i>	In the lawn area between the (east) Student Services Building and (west) Learning Resource Center; north of the bridge to parking area 1 & 2	42"	Fair to poor; over mature. Tree has many old heading cuts with decay.	Poor to fair; decay present on limbs overhanging pathway.	None	There are many attachment points adjacent to decay.	Remove	1
328	Ash	<i>Fraxinus sp.</i>	In the south end of the grassy area between the Learning Resource Center and the Student Services Building	24"	Good	Good to fair		Surface roots visible in grass but no advanced decay present.	None	5

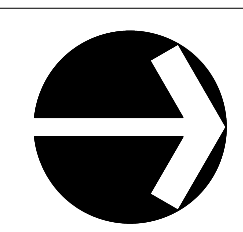
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to Infrastructure	Conclusion	Recommendations	Priority
306	Coast Redwood	<i>Sequoia sempervirens</i>	10' from the northwest corner of Fusselman Hall; southeast of the Redwood grove picnic area	24"	Fair	Fair; was topped in the past and has lost apical control.	Growing into building.		Prune off of building	3
307	Japanese Maple	<i>Acer palmatum</i>	Off of the northwest corner of a sitting area near the northwest corner of Fusselman Hall; 7' northwest of the privacy wood fence for the sitting area	Multi stem; 8 4" stems	Fair; tree is adjacent to newer construction. Has some cracking stems and old wounds.	Fair to good	None		None	5
308	Japanese Maple	<i>Acer palmatum</i>	west side of Fusselman Hall	Multi-stem	Very Poor; all stems show cracking bark and three stems are completely dead.	Poor	None		Remove	1
309	Little Leaf Linden	<i>Tilia Chordata</i>	30' east/southeast of circular landscaped area between Fusselman hall and new Science and Math Building	18"	Fair; mature. Decaying roots at base. Hollow sound when contacted with sounding hammer.	Fair to poor. Narrow angle branch attachment on long reaching limbs.	None	More thorough risk assessment needed.	Question contractors about possible root disturbance during construction. May need root crown excavation.	1
310	Japanese Maple	<i>Acer palmatum</i>	Near the southwest corner of Fusselman Hall; west side of the building	Dual stem; 4" each	Fair; canopy has been raised significantly and poorly pruned.	Fair	None		None	5
311	Coast Live Oak	<i>Quercus agrifolia</i>	Off of the southeast corner of Fusselman Hall; 2' south of a ramp entrance to the south side of the building	6"	Fair to good; growing close to building.	Fair	None		Prune to select one leader. Prune off building.	4
313	Crape Myrtle	<i>Lagerstromia speciosa</i>	North side of the east entrance of Fusselman Hall	10"	Fair	Fair	Growing on roof.		Trim away from building.	4
314	Japanese Maple	<i>Acer palmatum</i>	On the east side of Fusselman Hall to the north of the main entrance on this side of the building	12"	Fair to good; mature.	Good	None		None	5
315	Camphor	<i>Cinnamomum camphora</i>	Off of the northeast corner of Fusselman Hall; shades the Dr. George Shukerman-Swift bench	24"	Fair; mature. Minor decay at root crown.	Fair	None	Material piled up at root crown. Dead branch hanging over Sugarman Swift bench.	Crown clean to remove deadwood. Clear root crown of excess material to mitigate rot. It is a mature tree with large stretching limb silver bench and walkway. Recommend to reduce crown 10-15%	3
316	Japanese Maple	<i>Acer palmatum</i>	North side of Fusselman Hall; both stems are within 1.5' of the black-top sidewalk leading into stairwell and doorway toward the northeast and northwest corner of the buildings	Two trees; 12" each	Fair to good; heavy lean away from building toward walkway. Eastern most tree branches are conflicting with adjacent camphor.	Fair	Growing 1' from building foundation		Prune conflicting branches to mitigate damage to both the camphor and the maple.	3

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



KEY MAP - NOT TO SCALE

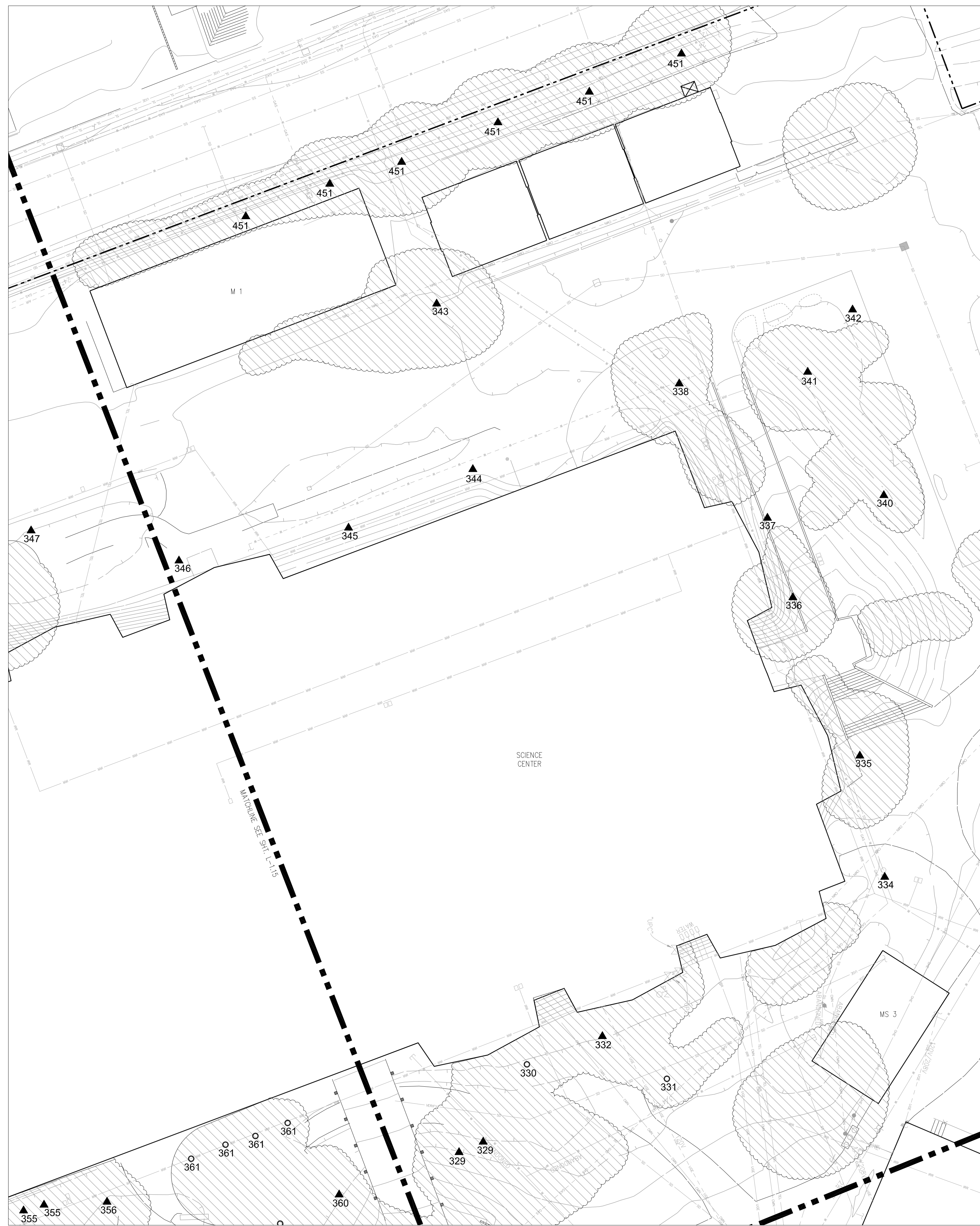


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TREE REMOVAL
Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20' 0' 10' 20'

FUSSELMAN HALL
(TREES 306-316)
L-1.13



1 SCIENCE CENTER NORTH (TREES 329-346, 451)
 1" = 20', CONTOUR INTERVAL = 1'

TREE ASSESSMENT										SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority	
329	a Little-Leaf Linden	<i>Tilia cordata</i>	20 feet north of T-329	24"	Fair to good	Fair. Large co-dominant stem at 8'.	None	Large co-dominant stem not cause for concern.	Prune large water sprouts.	4	
329	Little-Leaf Linden	<i>Tilia cordata</i>	North side of the east entrance to the Science Building; up-slope (east) from a cement walkway leading to the entrance	20"	Fair to Good	Good	None		Prune branches to raise canopy to 8'. Remove lowest west extending branch. Clear vegetation around root crown by 2'	3	
330	Japanese Maple	<i>Acer palmatum</i>	On the east side of the Science Building; north of the main entrance	Group of 2; at 8' each	Good	Good. Old wounds with decay on main stems.	None		None	5	
331	Three Flowered Maple	<i>Acer triflorum</i>	10' east of the east side of the Science Building; north of a black-top pathway that leads to the parking garage under the building, on the north side of the main entrance	12"	Good	Good	None		None	5	
332	Ginkgo	<i>Ginkgo biloba</i>	On the east side of the Science Building; approximately 10' from the black-top sidewalk leading to the parking garage under the Science Building	12"	Good	Fair	None		Limb up branches less than 3" in diameter to 10' height for visual clearance	4	
334	a Monterey Cypress	<i>Cupressus macrocarpa</i>	Off the Northeast corner of building	18"	Poor to Fair. Significant bleeding along main stem	Poor to fair. Slight lean with co-dominant stems and asymmetrical canopy.	Branches growing on wires and building	Tree is a significant visual impairment and poorly placed.	Removal	2	
334	European Olive	<i>Olea europea</i>	10' east of the east side of the building and 15' from the northeast corner	Multi-stem	Good	Good	Branches growing on to building		Limb up to 9' for visual clearance branches less than 3" in diameter	4	
335	Coast Redwood	<i>Sequoia sempervirens</i>	12' north of the Science Building near the northeast corner	30"	Good	Good	None		Clear understorey and limb up to 10'	3	
336	Boxelder	<i>Acer negundo</i>	On the north side of the Science Building; west of the main entrance on this side of the building	Multiple 12" stems	Good	Good	Significant. Stems arise from underneath the building. Branches growing onto building.		Prune branches from building for clearance	4	
337	Catalina Ironwood	<i>Lionothamnus floribundus eximifolius</i>	Near the northwest corner of the Science Building; on the north side of the building; 10' to the north of the building	Multi-stem; 6" each	Good	Good	None		Prune dead wood	4	
338	Coast Live Oak	<i>Quercus agrifolia</i>	At the northwest corner of the Science Building	24"	Good	Good	Branches growing on to building		Limb up to 10' for visual clearance branches less than 3" in diameter	4	
340	Hackberry	<i>Celtis sp.</i>	10' south of the parking along the north side of the Science Building	12"	Good	Good. 1 larger crossing branch	None	Canopy too low to prune for visual clearance	Prune deadwood	4	
341	Japanese Pagoda	<i>Sophora japonica</i>	Located off of the northwest corner of the Science Building	20"	Good	Good	None		Prune deadwood. Remove lowest WSW facing limb, and lowest SE extending branch for visual clearance.	3	
342	Canary Island Date Palm	<i>Phoenix canariensis</i>	Northwest corner of the planting island on the north side of the Science Building	40"	Good	Good	None	Some fronds have been nicked due to careless pruning.	Any pruning in the future should be performed with sterilized pruning tools due to the risk of disease.	5	
343	Elm	<i>Ulmus sp.</i>	West side of the black-top drive on the west side of the Science Building	30"	Fair	Fair. Wounds present at 2' on base of tree. Copious water sprouts arising from past heading cuts.	None		Structural rehabilitation by qualified arborist.	3	
344	Strawberry Tree	<i>Arbutus unedo</i>	West side of the Science Building; between the foundation of the building and the cement sidewalk; east of the cement sidewalk; approximately 8' west of the foundation	8"	Good	Good	Shading windows		Raise canopy to 6' for visual clearance	4	
345	Strawberry Tree	<i>Arbutus unedo</i>	South of the air conditioning fenced-in unit on the west side of the building	8"	Good	Good	Shading windows		Raise canopy to 6' for visual clearance	4	
346	Dracaena	<i>Cordylone sp.</i>	West of the wood sitting area on the west side of the science building	Multi stemmed	Good	Good	None		Remove any stalks protruding into walkway.	3	
451	Camphor	<i>Cinnamomum camphora</i>	The trees are lined up along the east of receiving building; between the building and the black top	Cluster of four multi-stemmed trees	Fair; mature.	Fair	None		Raise all branches < 3" in diameter to 10'. Remove deadwood. Trim foliage off building.	3	

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



KEY MAP - NOT TO SCALE



Royston Hanamoto Alley & Abey
 323 Geary Street, #602
 San Francisco, CA, 94102



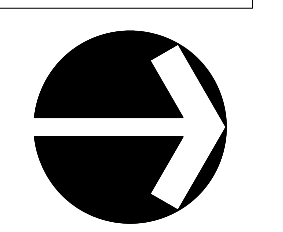
Urban Forestry Associates, Inc.
 8 Willow Street
 San Rafael, CA 94901



rev.	date	issue

TREE REMOVAL
 Kentfield Campus

Distict Project #
 AE Project # date: 07/10/14
 drawn by: TS, IC, DZ checked by: NL
 scale: 1" = 20'



Tree #	TREE ASSESSMENT								SCHEDULE OF WORK	
	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
347	Canary Island Date Palm	<i>Phoenix canariensis</i>	On the west side of the Science Building and west of the cement sidewalk along the southwest side of the building	40"	Good	Good	None		Any pruning in the future should be performed with sterilized pruning tools due to the risk of Fusarium wilt, <i>Fusarium oxysporum</i> .	5
349	Messmate Stringybark	<i>Eucalyptus obliqua</i>	Near the southwest corner of the Science Building; 15-20' from the southwest corner, on the west side of the building	Multiple 15-20" stems	Good	Good	None		None	5
350	Honey Locust	<i>Gleditsia triacanthos 'inermis'</i>	Off of the southwest corner of the building; approximately 8' from the southwest walkway retaining wall	12"	Good	Good	None		None	5
351	Privet	<i>Ligustrum lucidum</i>	Near the southwest corner of the Science Building; 4' from the cement retaining wall for the southwest cement walkway	Multiple 3-6" stems	Good	Good	None	Insect activity present on foliage.	Raise canopy to 6' branches < 3" in diameter for clearance	3
353	Coast Redwood	<i>Sequoia sempervirens</i>	Near the memorial for Gordon L. Chan; along the cement pathway for parking lot 2; grouping of Redwood trees includes one tree north of the dirt path; two trees are off of the southeast corner of the Science Building	18"	Fair	Good	None	Follar necrosis present. Necrotic leaves appear white. Possibly botryosphaeria.	Raise canopy to 10' branches < 3" in diameter for clearance	4
355	Dawn Redwood	<i>Metasequoia glyptostroboides</i>	Directly off the southeast corner of the parking structure	10"	Good	Good		Tree is dedicated to Robert K. Chamberlain	Limb up to 6' for visual clearance.	3
356	Chinese Tallow Tree	<i>Sapium sebiferum</i>	Off of the southeast corner of the Science Building	18"	Fair to Good	Fair to good. One co-dominant leader leans over walkway with strong branch attachment.	None		Crown cleaning	4
357	Evergreen Pear	<i>Pyrus kawakamii</i>	Off of the southeast corner of the Science Building in a grassy planting area; within 6' of the black-top for the parking lots (where parking lots 1 & 2 merge)	18"	Good	Poor to fair. 2 prior limb failures.	None	Large reaching branches with included bark.	Aggressive limb reduction to mitigate risk of limb failure over walkway.	2
358	Water Gum	<i>Tristanopsis laurina</i>	Within 3' of the black-top path that goes around the east side of the building; near the intersection of parking lot 1 & 2	12"	Good	Good	None		Raise canopy over pavement to 8' for walkway clearance.	4
359	Evergreen Pear	<i>Pyrus kawakamii</i>	Next to the main entrance on the east side of the Science Building; on the south side of the pathway leading to the entrance	18"	Good	Good	None		None	5
360	a Catalpa	<i>catalpa sp.</i>	Located on east side of building on south side of main entrance	8"	Good	Good	None		None	
360	Little-Leaf Linden	<i>Tilia cordata</i>	South of the main east entrance to the Science Center	18"	Good	Good	None	Multiple dead limbs suspended in canopy	Remove hanging dead branches and deadwood	2
361	Japanese Maple	<i>Acer palmatum</i>	On the east side of the building and south of the main entrance; within 15' from the foundation to the building	Cluster of four	Good	Good	None		None	5

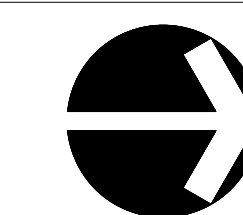
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



I SCIENCE CENTER SOUTH (TREES 347-361)
1" = 20', CONTOUR INTERVAL = 1'

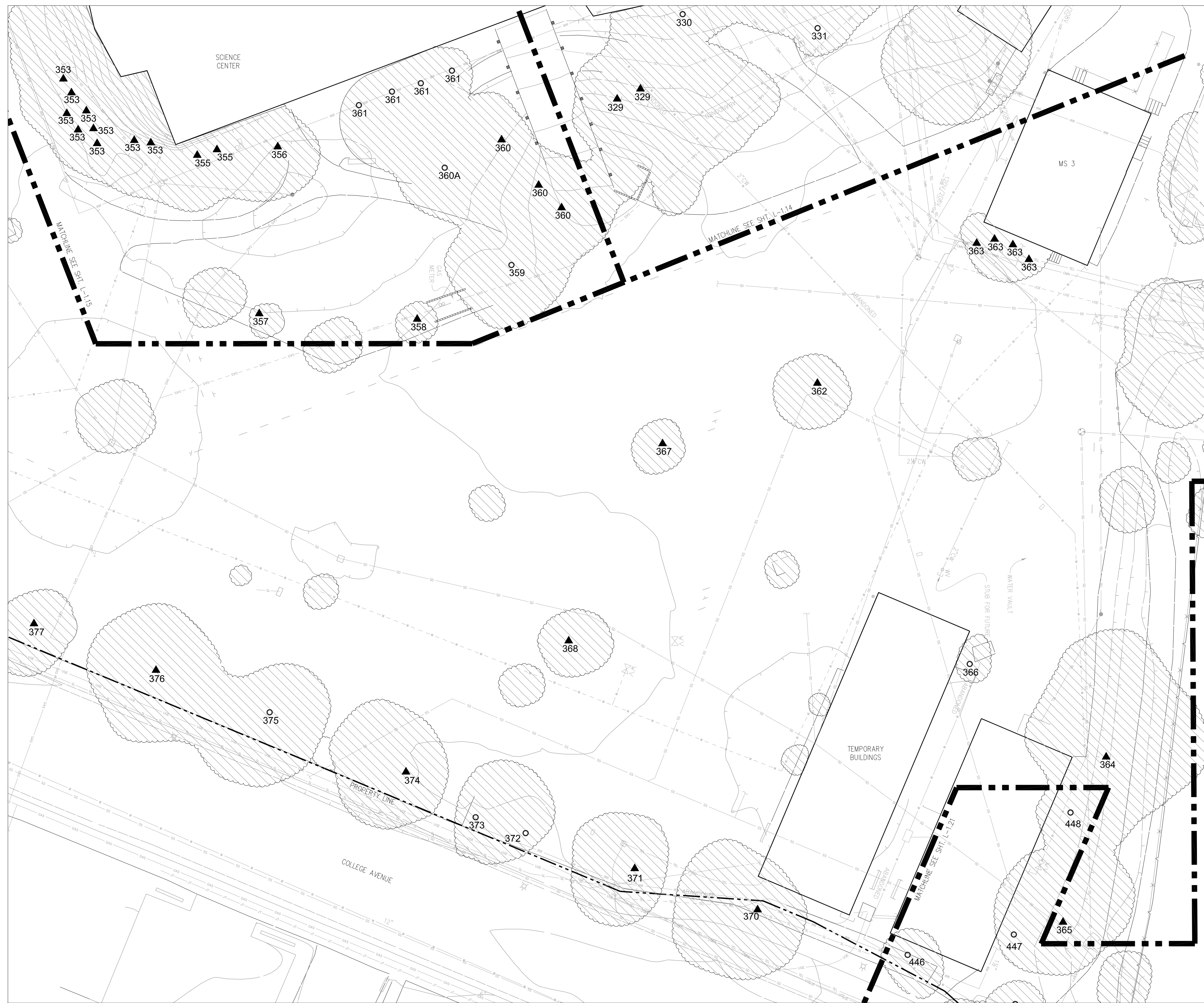


KEY MAP - NOT TO SCALE



Tree #	TREE ASSESSMENT								SCHEDULE OF WORK	
	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
362	Ash	<i>Fraxinus sp.</i>	In a planting area in the middle of parking lot #1; north end of parking lot #1	14"	Good	Fair to good	None		Crown reduction	4
363	Northern White Cedar	<i>Thuja occidentalis</i>	Northwest corner of parking lot 1	Cluster of 3 multi-stem trees	Good	Good	None		Remove foliage up to 6'	4
364	Southern Magnolia	<i>Magnolia grandiflora 'St. Mary's'</i>	North end of parking lot #1; between the parking lot and a black-top sidewalk that runs along the riparian area	8"	Poor. Sparse crown. Water stress. No evidence of irrigation.	Good	None	As an evergreen species, Magnolia need available water year around.	Irrigation is needed	2
365	Cottonwood	<i>Populus sp.</i>	Northeast corner of temporary Health Services Building	42"	Good	Poor. Co-dominant stems with included bark extending to ground level	None	It may be more economical to remove the tree instead of continuing mitigation pruning.	Possible removal candidate.	1
366	European Olive	<i>Olea Europa</i>	Located in planting island between handicapped parking area and stop sign, 5' west of crosswalk	Multi-stem; 4 6" stems	Fair; tree is very susceptible to vehicle damage and has some scars at base.	Good	None		None	5
367	Ash	<i>Fraxinus sp.</i>	In the middle of parking lot #1 in a planting island across from the main east entrance to the Science Building	8"	Fair. Visible root girdling.	Fair	None		Prune branches < 3' to 8' for vehicle clearance	3
368	European Olive	<i>Olea europea</i>	In the middle of parking lot #1; on the southeast portion of the parking lot; in a center planting area that is surrounded completely by black-top	12"	Good	Poor to fair	Cracking pavement from root ball		Raise canopy to 10' for vehicle clearance	3
370	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-369; sidewalk tree	32"	Fair to good	Fair	Slight raising of pavement. Not significant		Raise canopy to 15' for bus/ road clearance branches < 3' in diameter	2
371	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-370; sidewalk tree	18"	Fair to good	Fair	None		Raise canopy to 10' for clearance and remove deadwood branches < 3" in diameter	3
372	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-371; a sidewalk tree on south side of the driveway entrance for parking lot #1	18"	Fair to good	Fair	None		None	5
373	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-372; the center tree in this planting strip between the parking lot #1 and College Ave - 1 between the two driveway entrances to the parking lots	24"	Fair to good	Fair	None		None	5
374	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-373; north of the second entrance to parking lot #1	20"	Poor	Fair	None		Remove deadwood, cut back decaying branch extending Southwest over parking lot	1
375	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-374; south of the second entrance to parking lot #1 and 2	24"	Good	Fair	None		None	5
376	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-375	24"	Fair	Fair	None		None	5
376	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-375	6"	Good	Fair	None	Appears to be replacement tree	Prune for structure. Develop one central leader. It is important to develop strong structure when the tree is young, especially because it is a street tree.	1
377	Flowering Ash	<i>Fraxinus ornus</i>	Along College Ave, proceeding south from T-376; south-most Ash in this row of trees along College Ave.	30"	Fair to good	Fair	Slight pavement lifting from roots	Trunk is growing into metal brace at base of tree. Much deadwood in canopy overhanging parking lot.	Remove deadwood. Remove metal structure at base of tree to allow for wound closure.	2

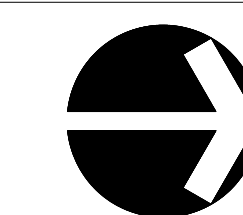
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 PARKING LOT #6 (TREES 362-377)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE



rev. date issue

TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

PARKING LOT #6
(TREES 362-377)
L-1.16

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to Infrastructure	Conclusion	Recommendations	Priority
390	Valley Oak	<i>Quercus lobata</i>	At the northwest end of the parking lot #4; on the edge of the campus property and a residential area	Dual stem; 30" each	Good.	Good; displays strong branch attachment	None		Weight reduction on east extending branches that hang over parking lot.	4
391	Valley Oak	<i>Quercus lobata</i>	This tree is in the north-most part of this parking lot #4; the northwest side of the tree is not accessible, it is immediately adjacent to a rock pillar and wooden fence that proceeds from the east side of the tree	36"	Good; main stem is covered in ivy. Fair amount of deadwood. Date palm growing underneath canopy with little conflict.			Large diameter deadwood present. Tree hangs into adjacent private residence over a bocce ball court.	Remove deadwood. Inspect canopy for structural defects by qualified arborist.	
392	Coast Redwood	<i>Sequoia sempervirens</i>	At the north end of parking lot #4; next to the riparian zone; within 3' of the chain link fence that runs along the riparian corridor	Dual stem; 30" and 18"	Fair to good; protective fencing has been installed to protect tree base where a significant amount of bark was removed.	Fair; dual stem with included bark.	Minor lifting of pavement leading toward bike path.		None	5

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to Infrastructure	Conclusion	Recommendations	Priority
393	Coast Live Oak	<i>Quercus agrifolia</i>	At the southeast corner of a rectangular building that is in the east part of parking lot #4; within 3' of the parking lot black-top	18"	Fair to poor drought stress. Poorly placed growing directly into pavement surrounding adjacent building.	Fair; leaning towards parking lot. Has much history of pruning to clear from building.	Growing five feet from adjacent building. Moderate risk to building.		Continue to prune for building clearance.	4
394	Valley Oak	<i>Quercus lobata</i>	At the southeast corner of a rectangular building that is in the east part of parking lot #4; there is asphalt within 5' of the base of the tree on the upslope side	18"	Fair; exposed roots; on a cut bank	Fair	Situated 5' from corner of building but no apparent damage.		Raise canopy for vehicle clearance. Remove deadwood.	3

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to Infrastructure	Conclusion	Recommendations	Priority
378	Little-Leaf Linden	<i>Tilia cordata</i>	At the south edge of parking lot #1	Group of 6. Two have been removed.	Fair to Good. Poor: 2 trees Northwest facing trees	Fair to good. Poor: 2 trees Northwest facing trees	None	Two trees have significant decay due to apparent sun scalding.	Remove two most Northwest facing trees	1
379	Little-Leaf Linden	<i>Tilia cordata</i>	In planting island between parking lot #1 and 2	Group of 6. Approx. 12"	Poor	Poor	None.	Entire group is being affected by sun scald and increased heat levels due to proximity to parking lot. Fruiting bodies present with advanced decay.	Remove entire group and replace with more heat tolerant species.	1
380	European Olive	<i>Olea europea</i>	At the northwest corner of parking lot #2; intersection of parking lot #1 and 2; south of the handicapped parking	Dual stems; 12" each	Fair	Fair	Lifting pavement.		None	5
381	Ash	<i>Fraxinus ssp</i>	In a center planting area of parking lot #2; center planting tree toward the north end of the parking lot toward the center; across from the Chan memorial and Redwood trees	5"	Fair to good	Fair to good	None		None	5
382	Flowering Ash	<i>Fraxinus ornus</i>	In center planter in parking lot #2	8"	Good	Fair to good	None		None	5
383	Flowering Ash	<i>Fraxinus ornus</i>	Toward the southwest corner of the parking lot in a planting area between the south fence between the parking lot and grocery store	12"	Good	Good	Slight lifting of pavement		None	5
384	Flowering Ash	<i>Fraxinus ornus</i>	In the southwest corner of the parking lot #2	18"	Fair. Soil is very moist around this tree. Bark is moist as well due to vine growing up the trunk.	Fair	None		Remove deadwood	3
385	Coast Redwood	<i>Sequoia sempervirens</i>	In the southwest corner of the parking lot #2; they are between the parking lot and the black-top driveway behind the woodland market	Cluster of three trees	Good; these trees have vigorous roots. There is soil compaction to the north of these trees from vehicles driving on the planting island. There is cracking in the street and near a fire hydrant.	Good	There is cracking in the street and near a fire hydrant.		None	5
386	Flowering Ash	<i>Fraxinus ornus</i>	Near the southwest portion of parking lot #2	12"	Good	Good	None		None	5
387	Black Oak	<i>Quercus kelloggii</i>	In parking lot # 2	10"	Fair to poor. Much deadwood present in canopy. Wounding from possible sun scald at five feet in main crotch.	Fair	None	Tree is stressed.	Tree could benefit from watering.	3
388	Ash	<i>Fraxinus sp.</i>	In the northwest corner of parking lot #2						None	
389	Camphor	<i>Camphora cinamomum</i>	At west edge of parking lot #2; oriented north and south of one another	Cluster of two trees	Southern most tree has fair health. Northern most tree; Displays sparse crown with stunted, yellow foliage	Good	None	Northern tree is very stressed.		
390	Valley Oak	<i>Quercus lobata</i>	At the northwest end of the parking lot #4; on the edge of the campus property and a residential area	Dual stem; 30" each	Good.	Good; displays strong branch attachment	None		Weight reduction on east extending branches that hang over parking lot.	4
391	Valley Oak	<i>Quercus lobata</i>	This tree is in the north-most part of this parking lot #4; the northwest side of the tree is not accessible, it is immediately adjacent to a rock pillar and wooden fence that proceeds from the east side of the tree	36"	Good; main stem is covered in ivy. Fair amount of deadwood. Date palm growing underneath canopy with little conflict.			Large diameter deadwood present. Tree hangs into adjacent private residence over a bocce ball court.	Remove deadwood. Inspect canopy for structural defects by qualified arborist.	
392	Coast Redwood	<i>Sequoia sempervirens</i>	At the north end of parking lot #4; next to the riparian zone; within 3' of the chain link fence that runs along the riparian corridor	Dual stem; 30" and 18"	Fair to good; protective fencing has been installed to protect tree base where a significant amount of bark was removed.	Fair; dual stem with included bark.	Minor lifting of pavement leading toward bike path.		None	5
449	Incense Cedar	<i>Calocedrus decurrens</i>	In the receiving area ("do not enter" area) off of the west side of the science building. The tree is adjacent to the fence that runs between this area and the sidewalk along the west side of the science building	12"	Fair; root system surrounded by pavement. Crown is competing with adjacent ash tree.	Good	None	Vine is growing throughout canopy.	Remove vine from canopy.	3
450	Ash	<i>Fraxinus sp.</i>	To the west of T-449	20"	Fair; Past branch failure evident. Northwest facing leader with included bark at attachment.	Poor fair	None	Risk of failure could be mitigated with 15% crown reduction and deadwood removal.		2

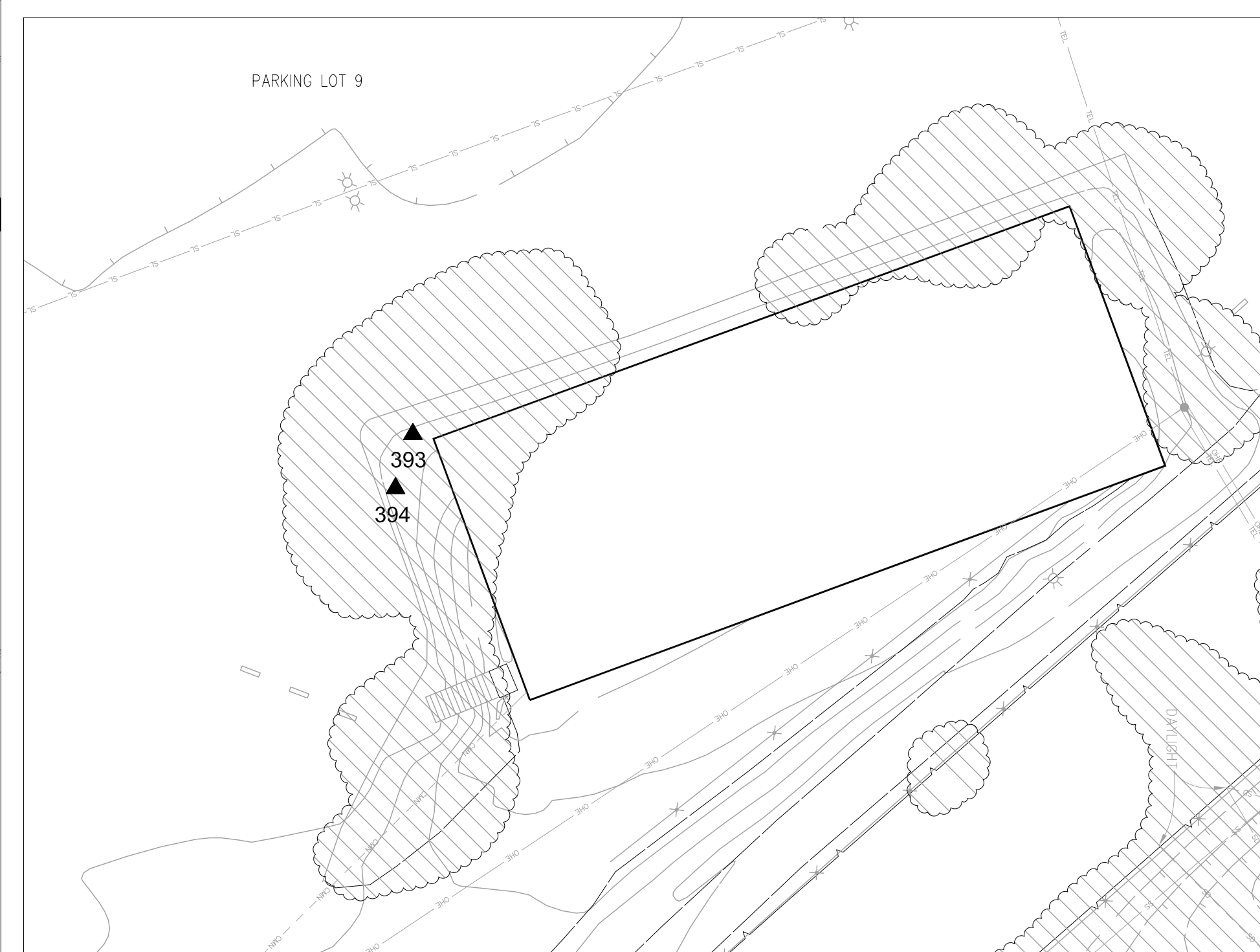
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



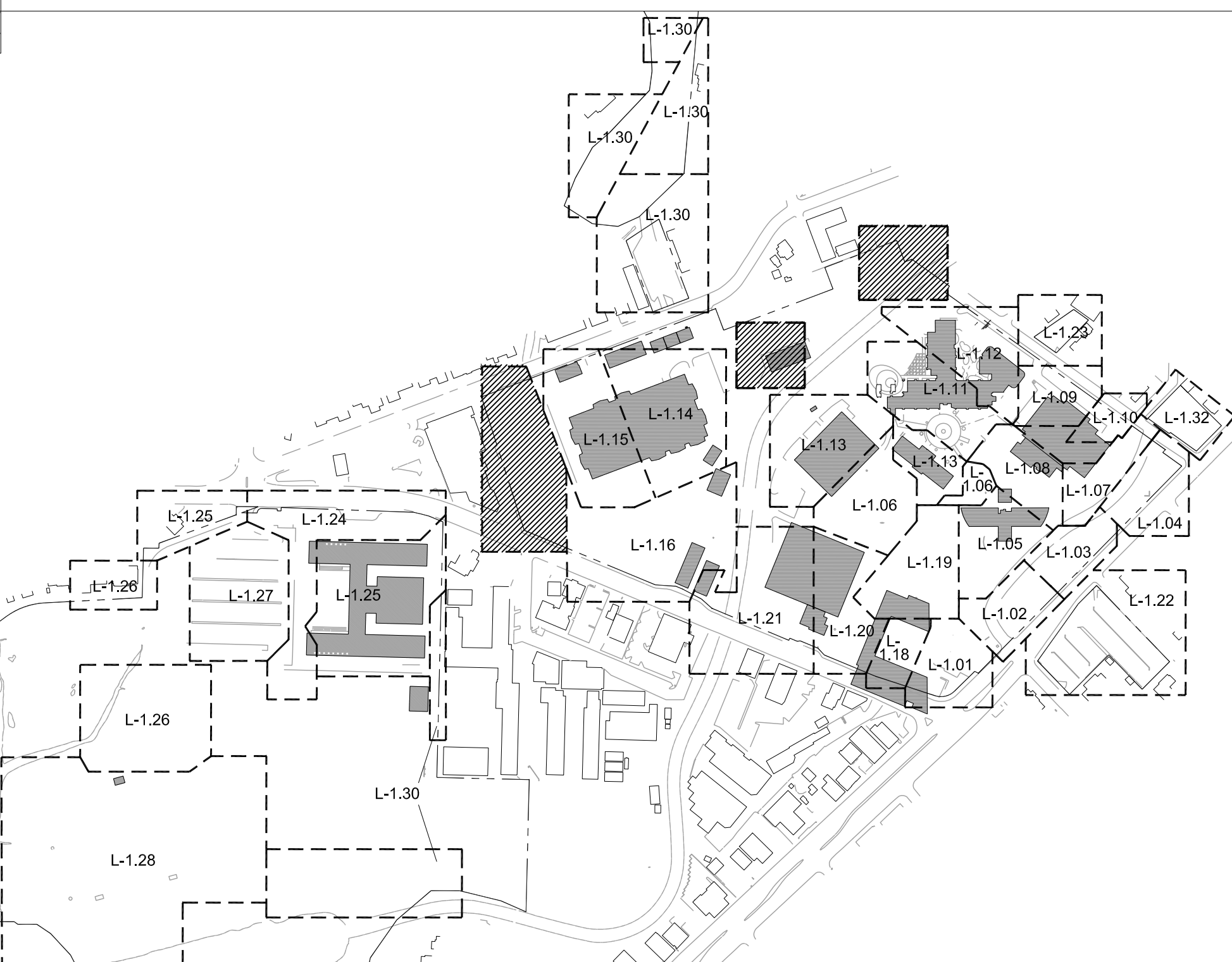
3 PARKING LOT #7 (TREES 378-392, 449-450)
1" = 20', CONTOUR INTERVAL = 1'



1 PARKING LOT #9 (TREES 390-392)
1" = 20', CONTOUR INTERVAL = 1'



2 PARKING LOT #9 (TREES 393-394)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE

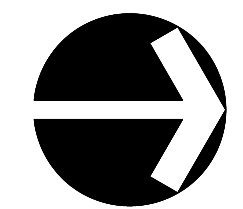
rev.	date	issue

TREE REMOVAL

Kentfield Campus

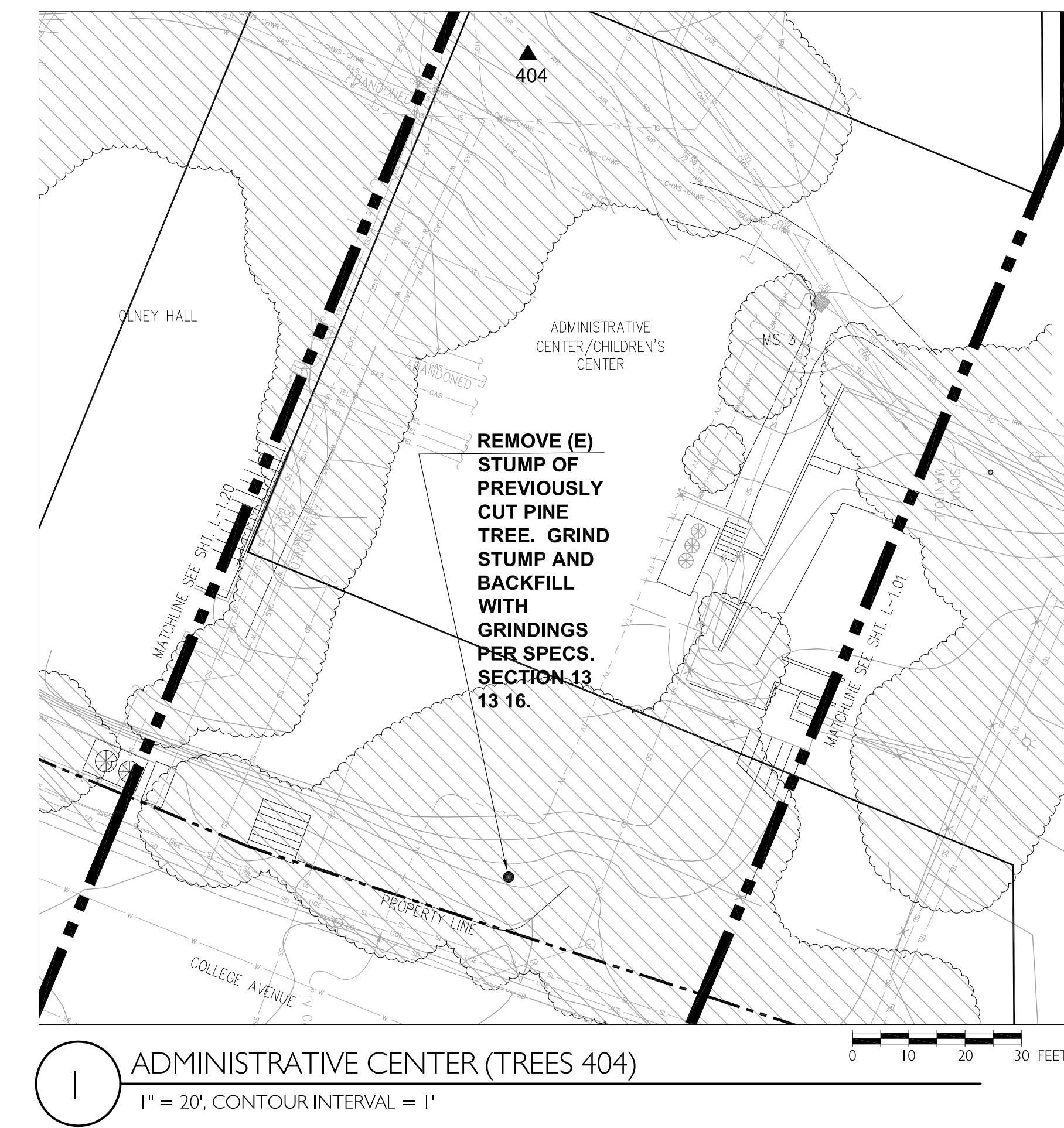
Dist. Project #	
AE Project #	date: 07/10/14
drawn by: TS, IC, DZ	checked by: NL
scale: 1" = 20'	

**PARKING LOTS #7 & #9
(TREES 378-394)
L-1.17**

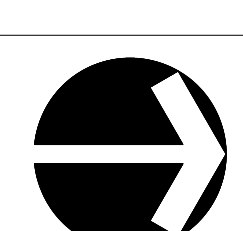


Tree #	Species (common)	Species (scientific)	TREE ASSESSMENT						SCHEDULE OF WORK	
			Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
404	Valley Oak	<i>Quercus lobata</i>	20' west/northwest of the new Administration Building	32"	Good; mature; evidence of prior fracture in main crotch.	Good to fair.	None	Heavily impacted by construction. Located 5' from construction path.	Monitor regularly post construction.	1

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.

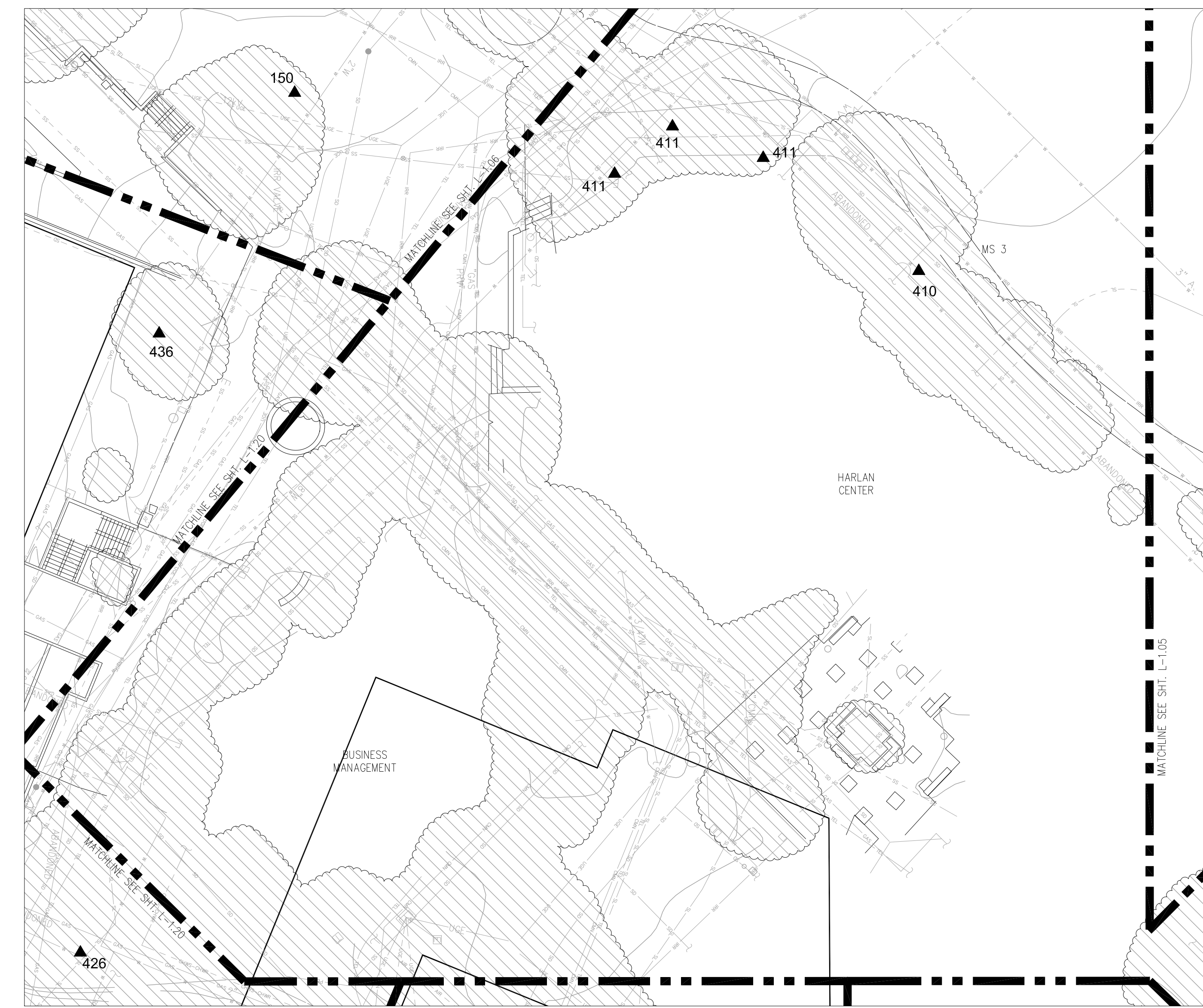


rev.	date	issue



TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
410	Coast Redwood	<i>Sequoia sempervirens</i>	On west side of the Harlan Center; both trees are within 12" of the foundation	Cluster of two at 24" each	Good; development on both sides of this tree.	Good	None		Monitor post construction for stress.	2
411	Japanese Maple	<i>Acer palmatum</i>	At the southwest corner of the Harlan Center	Cluster of two mature, multi stem	Fair; mature, root zones affected by removal of path. No apparent adverse affects.	Good	None		Monitor post construction for stress.	3

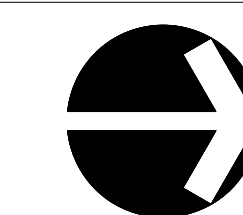
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 HARLAN CENTER / BUSINESS MANAGEMENT (TREES 410-411)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE



rev. date issue

TREE REMOVAL

Kentfield Campus

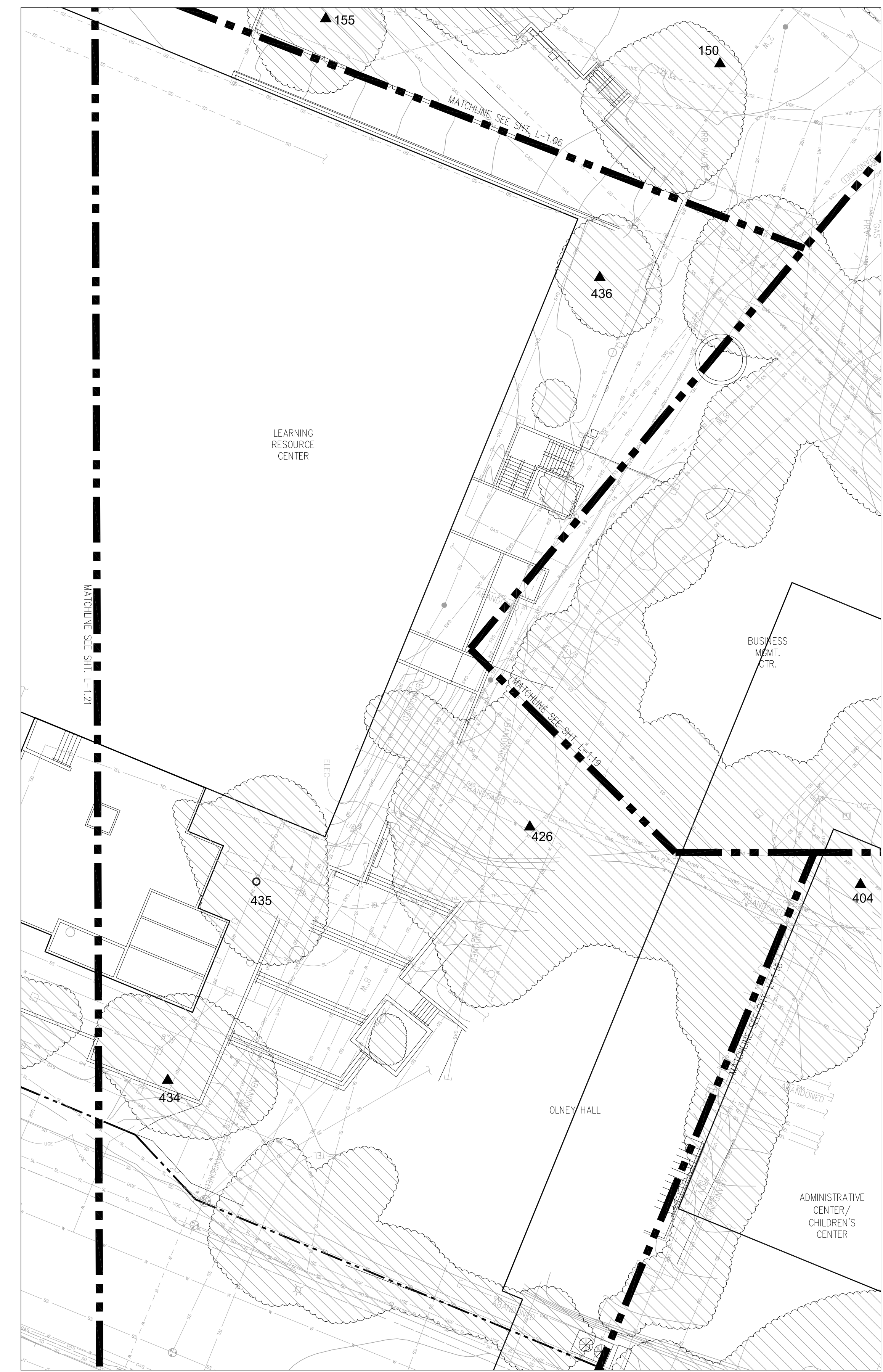
District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

HARLAN CENTER / OLNEY
HALL (TREES 409-425)

L-1.19

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
426	Coast Live Oak	<i>Quercus agrifolia</i>	Located at the southwest corner of Olney Hall; south side of the building	42"	Fair; heavily stressed. Heavily impacted by construction. 25-30% canopy was removed to accommodate new Administration Building. Large roots were severed.	Poor to fair; asymmetrical canopy.	None		Monitor closely during and after construction.	1
434	African Sumac	<i>Rhus laucea</i>	Northeast corner of the Learning Resource Center, opposite the south entrance to Olney Hall; on the east side of the building	Multi stem	Good; vigorous sprouting.	Fair	None		Remove sprouts for visual clearance. Raise canopy for walkway clearance.	2
435	C.F. Siberian Elm	<i>Ulmus pumila</i>	On the north side of the Student Learning Resource Center	Cluster of two	Fair; mature	Poor; heavy lean. Slight decay of tension roots.	None		None	5
436	Mayten	<i>Maytenus boaria</i>	On the northwest corner of the Learning Resource Center	18"	Fair; decay column on main stem.	Fair	None		Raise canopy to provide sidewalk clearance.	3

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 LEARNING RESOURCE CENTER / OLNEY HALL (TREES 426-436)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE

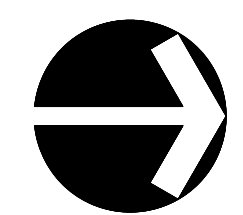
rev.	date	issue

TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

LEARNING RESOURCE CTR/
OLNEY (TREES 426-436)
L-1.20



TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
437	Southern Magnolia	<i>Magnolia grandiflora</i> 'St. Mary's'	At the southwest corner of the Learning Resource Center	18"	Good; vines heavily constricting base of tree.	Good	None		Remove vines at base of tree to minimize competition for water and nutrients.	5
438	European White Birch	<i>Betula pendula</i>	Near the southwest corner of the Learning Resource Center; 15' to the east of the Magnolia (T-437)	18"	Good; minor dieback in crown	Good	None		None	5
439	Shantung Maple	<i>Acer truncatum</i>	On the west side of the south entrance to the Learning Resource Center	Multi stemmed at 6" a stem	Good	Good	None		None	5
440	English Elm	<i>Ulmus procera</i>	Located at the entrance to the parking area (Lot #5), on the east side of the Learning Resource Center	Three of seven trees were removed.	Fair to poor; largest of four remaining trees is in good health other than many water sprouts.	Fair; eastern most tree has strong lean over college Ave..	None	Trees are crowded; many crossing and rubbing branches	Remove three most easterly trees, leaving the largest tree to occupy the area.	2
441	English Elm	<i>Ulmus procera</i>	West and adjacent to the sidewalk on College Ave.; the north-most tree in the cluster of Elms near the entrance to parking lot #5	24"	Good; mature. Old wound with some decay at 10' on north side of tree.	Fair to good	None	Small tree growing underneath this tree will eventually conflict.	Remove understory tree to mitigate conflict or trim yearly.	4
442	C.F. Balkan Ash	<i>Fraxinus holotricha</i>	Along College Ave. in between the cluster of Elms and the mature trees near the main entrance to the college; in the middle of a Cherry Laurel hedge	12"	Good	Good	None		None	5
443	English Elm	<i>Ulmus procera</i>	North and south of the stairway entrance into Lot #5; northeast corner of the lot	24"	Fair; mature	Fair	Slight lifting of pavement	Deadwood present throughout crown on both trees.	Crown cleaning to remove deadwood.	2
444	Camphor	<i>Cinnamomum camphora</i>	East of the Learning Resource Center in the planting island between the east side of the building and the sidewalk along College Ave.	Multiple 6" stems	Fair; necrotic leaf tips throughout crown	Good	None		None	5
445	European White Birch	<i>Betula pendula</i>	Between the Camphor and the Acacia in the planting island on the east side of the Learning Resource Center	6"	Good	Fair; co-dominant stems	None		None	5
446	Ash	<i>Fraxinus sp.</i>	At the northeast corner of the Police building; one is in a center planting between two parts of the black-top sidewalk along the riparian area; one is a sidewalk tree along College Ave.; one is south of the black-top and in the planting island at the corner of the building	Cluster of four trees approximately 12" in diameter	Fair	Fair	None		None	5
447	Evergreen Pear	<i>Pyrus kawakamii</i>	Located on the north side of the police building	20"	Good	Good		Minor deadwood	None	5
448	Tulip Tree	<i>Liriodendron tulipifera</i>	On the north side of the police building	12"	Poor to fair; over mature. Low vigor. Decay in main stem	Poor to fair	None		None	5
449	See Sheet L-1.17									
450	See Sheet L-1.17									
451	See Sheet L-1.14									

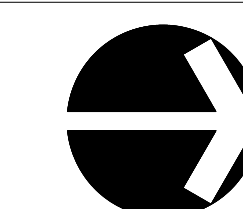
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.

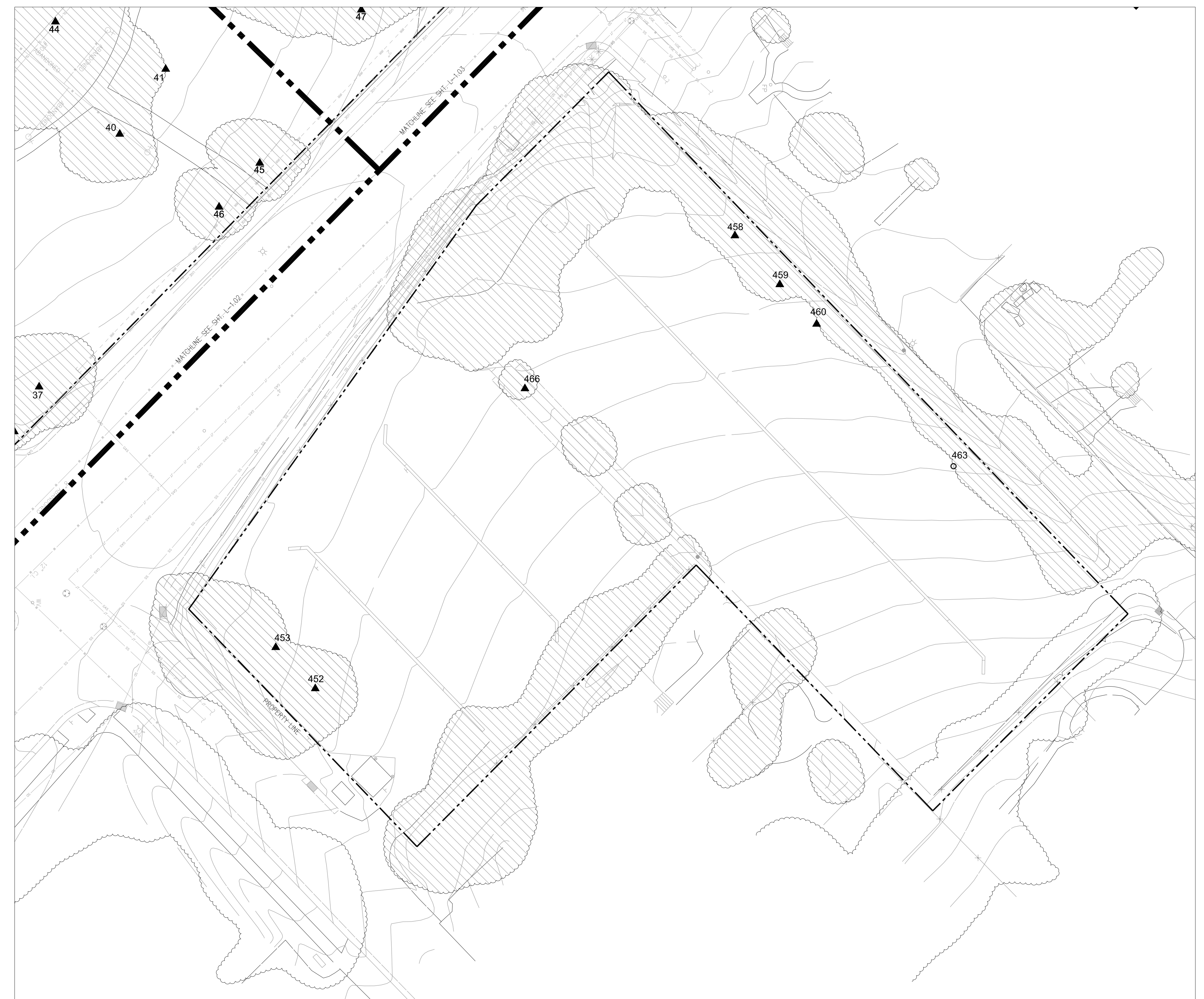


1 CORTE MADERA CREEK / COLLEGE AVENUE (TREES 437-448)
1" = 20', CONTOUR INTERVAL = 1'

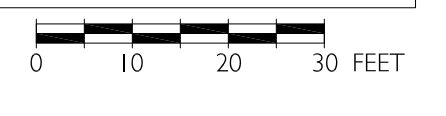


KEY MAP - NOT TO SCALE





I PARKING LOT 2 (TREES 452-466)
1" = 20', CONTOUR INTERVAL = 1'

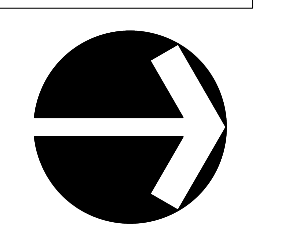


Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	SCHEDULE OF WORK	
									Recommendations	Priority
452	English Elm*	<i>Ulmus campestris</i> *	Located in the planting island that is between Maple Ave. and the parking lot north of Sir Francis Drake; the north-most large tree in the planting strip	30"	Fair; mature	Fair; fair amount of deadwood hanging under canopy. Cavity at 7' on main trunk.	None		Crown cleaning. Remove sprout growth on main trunk.	3
453	a English Elm	<i>Ulmus campestris</i> *	10' southwest of T-453						Conflicting with infrastructure. Poorly located. Removal recommended.	2
453	English Elm*	<i>Ulmus campestris</i> *	Near the southeast corner of the parking lot north of Sir Francis Drake; in the planting island between Maple Ave. and the parking lot north of Sir Francis Drake	30"	Fair; mature	Fair; fair amount of deadwood hanging in canopy.	None		Crown cleaning. Remove sprout growth on main trunk. Remove understory brush for visual clearance.	1
458	English Elm	<i>Ulmus campestris</i> *	In the planting area along the west edge of the parking lot north of Sir Francis Drake; the south-most in the planting island and closest to the corner of Elm St. and Sir Francis Drake	18"	Fair; mature.	Fair; some larger deadwood.	None		Remove sprouts < 3" in diameter for vehicle clearance.	3
459	English Elm	<i>Ulmus campestris</i> *	North of T-459 in the west-most planting area between the parking lot and Elm Ave.	24"	Fair; mature	Fair	None	Understory oak sprouts present.	Preserve understory oak sprouts for possible replacement in future.	3
460	English Elm	<i>Ulmus campestris</i> *	North of T-459; in the planting area at the west edge of the parking area	24"	Fair; mature	Fair	None		Prune to un-weight branch reaching over Elm Ave.	3
463	Ash	<i>Fraxinus sp.</i>	North of T-459; in the planting area at the west edge of the parking area	18"	Fair to poor; over mature but stable.	Fair. Has been pruned back significantly to preserve the tree.	None		None	5
466		<i>Prunus sp.</i>	In center planting island in the parking lot north of Sir Francis Drake; south of T-465	N/A						

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



KEY MAP - NOT TO SCALE



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TREE REMOVAL
Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

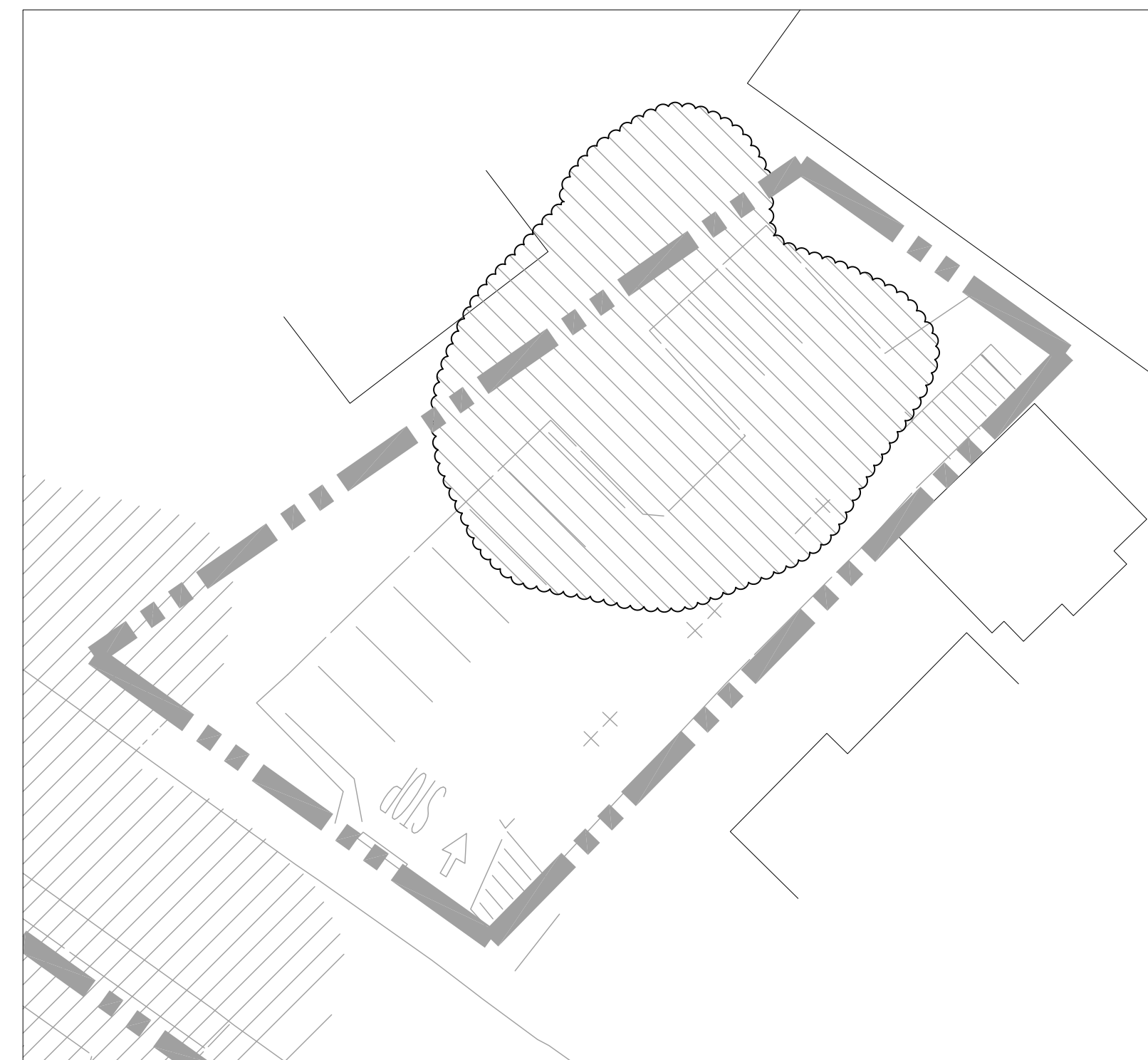
**PARKING LOT 2
TREES (452-466)
L-1.22**

NOTES: RIPARIAN ZONE TREE REMOVAL:

1. On the south side of the riparian zone remove all of the acacia and eucalyptus trees. Work includes all trees from the edge of the creek wall to the pedestrian path and for a length of 945' (from the center of the campus police building proceeding west to the two stemmed redwood near the edge of College property). An approximate tally of trees includes two trees to the east of the pedestrian bridge and 18 trees to the west of the pedestrian bridge.

2. On the northeast side of the riparian zone remove all of the acacia and eucalyptus trees. Work includes all trees from the edge of the creek wall to the maintenance roadway for a length of 740' (from the center of the pedestrian bridge to the edge of the college property). An approximate tally of acacia trees includes 55 medium sized and 80 small sized (< 3" diameter) trees. An approximate tally of the eucalyptus includes 2 small trees and 3 large trees. Where stump grinding is not feasible, immediate after the tree is cut, apply systemic herbicide to stump per the specifications Section 31 10 00.

3. Remove three box elders located near the planted Zelcova.



1 PARKING LOT 17 (TREES 467)
1" = 20', CONTOUR INTERVAL = 1'

TREE ASSESSMENT					SCHEDULE OF WORK			
TREE NUMBER	SPECIES	SIZE	LOCATION	CONDITION	OBSERVED INFRASTRUCTURE CONFLICTS	WORK DESCRIPTION	"Pruning class (1,2,3)"	"Stump grinding (Y/N)"
467	Black Walnut (Juglans nigra)	Mature to over mature.	Located in the parking area on the west side of Laurel Ave. It is northwest of the parking lot (P-3) and west of Dickson Hall.	Fair to guarded; tree was previously topped. There are old mechanical wounds on the north side of the trunk; there is good callus tissue formation. Decay was detected on the north side of the trunk. There is also a cable in this tree.	Tree. No significant construction impacts.	Contractor shall fell Black Walnut and cut into lengths to be approved by District's Representative. Provide 3 days notice to District's Representative prior to felling. Coordinate with District's Representative and return wood to College. Contractor shall deliver wood to an on campus location as determined by the District's Representative.	N/A	"Y Backfill w/ soil."

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



2 KENTFIELD CAMPUS - RIPARIAN ZONE
1" = 50'

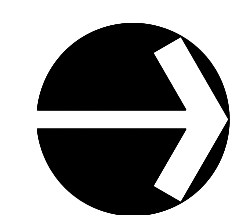
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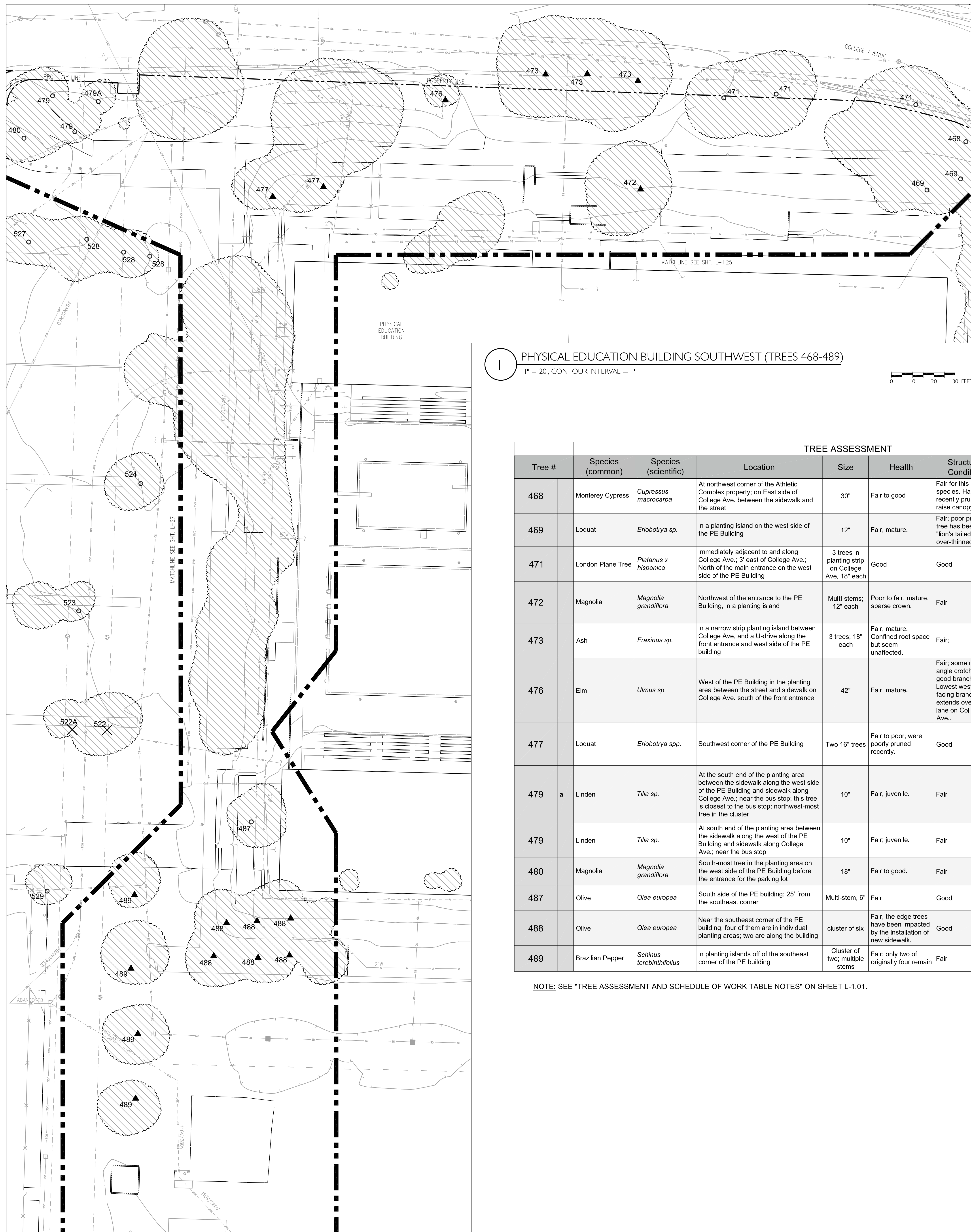
TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 60' 0' 30' 0'

RIPARIAN CORRIDOR & PARKING LOT 17
L-1.23





1 PHYSICAL EDUCATION BUILDING SOUTHWEST (TREES 468-489)
 1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE

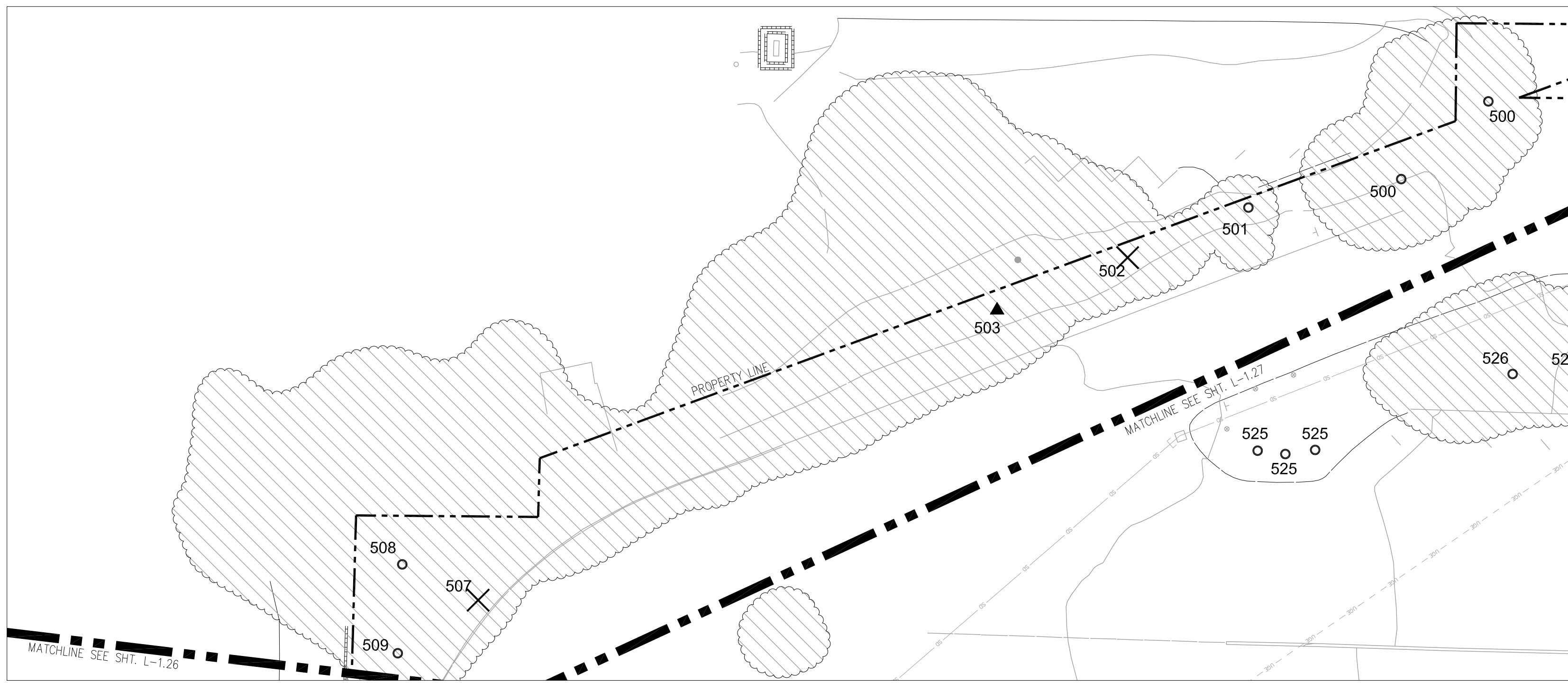
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	SCHEDULE OF WORK	
									Recommendations	Priority
468	Monterey Cypress	<i>Cupressus macrocarpa</i>	At northwest corner of the Athletic Complex property; on East side of College Ave., between the sidewalk and the street	30"	Fair to good	Fair for this species. Has been recently pruned to raise canopy.	None		None	5
469	Loquat	<i>Eriobotrya sp.</i>	In a planting island on the west side of the PE Building	12"	Fair; mature.	Fair; poor pruning; tree has been "lion's tailed" or over-thinned	None		None	5
471	London Plane Tree	<i>Platanus x hispanica</i>	Immediately adjacent to and along College Ave., 3' east of College Ave.; North of the main entrance on the west side of the PE Building	3 trees in planting strip on College Ave, 18" each	Good	Good	None		None	5
472	Magnolia	<i>Magnolia grandiflora</i>	Northwest of the entrance to the PE Building; in a planting island	Multi-stems; 12" each	Poor to fair; mature; sparse crown.	Fair	Conflicting with light next to bench.	Tree is stressed. It is possible that soil was compacted during construction.	Prune foliage off light. Fertilize. Apply mulch.	3
473	Ash	<i>Fraxinus sp.</i>	In a narrow strip planting island between College Ave. and a U-drive along the front entrance and west side of the PE building	3 trees; 18" each	Fair; mature. Confined root space but seem unaffected.	Fair;	None		Remove water sprouts up to 15' on main trunks.	3
476	Elm	<i>Ulmus sp.</i>	West of the PE Building in the planting area between the street and sidewalk on College Ave. south of the front entrance	42"	Fair; mature.	Fair; some narrow angle crotches but good branch taper. Lowest westerly facing branch extends over bike lane on College Ave..	Work has been done 10' south of tree as maintenance or to install structures for water mains.	It is unknown if roots were disturbed when installing concrete slab for water mains.	Crown cleaning. Reduce weight on lowest westerly facing limb. Monitor for decline due to possible impacts from construction.	2
477	Loquat	<i>Eriobotrya spp.</i>	Southwest corner of the PE Building	Two 16" trees	Fair to poor; were poorly pruned recently.	Good	None	Trees may have been impacted by installation of concrete pathway.	These show decline most likely from construction activities. Monitor for decline.	4
479 a	Linden	<i>Tilia sp.</i>	At the south end of the planting area between the sidewalk along the west side of the PE Building and sidewalk along College Ave.; near the bus stop; this tree is closest to the bus stop; northwest-most tree in the cluster	10"	Fair; juvenile.	Fair	None		None	5
479	Linden	<i>Tilia sp.</i>	At south end of the planting area between the sidewalk along the west of the PE Building and sidewalk along College Ave.; near the bus stop	10"	Fair; juvenile.	Fair	None		None	5
480	Magnolia	<i>Magnolia grandiflora</i>	South-most tree in the planting area on the west side of the PE Building before the entrance for the parking lot	18"	Fair to good.	Fair	None		None	5
487	Olive	<i>Olea europea</i>	South side of the PE building; 25' from the southeast corner	Multi-stem; 6"	Fair	Good	None		None	5
488	Olive	<i>Olea europea</i>	Near the southeast corner of the PE building; four of them are in individual planting areas; two are along the building	cluster of six	Fair; the edge trees have been impacted by the installation of new sidewalk.	Good	None		Mulch and fertilize	4
489	Brazilian Pepper	<i>Schinus terebinthifolius</i>	In planting islands off of the southeast corner of the PE building	Cluster of two; multiple stems	Fair; only two of originally four remain	Fair	None		Prune to maintain vehicle clearance	4

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.

rev.	date	issue

TREE REMOVAL
 Kentfield Campus

District Project #
 AE Project # date: 07/10/14
 drawn by: TS, IC, DZ checked by: NL
 scale: 1" = 20'



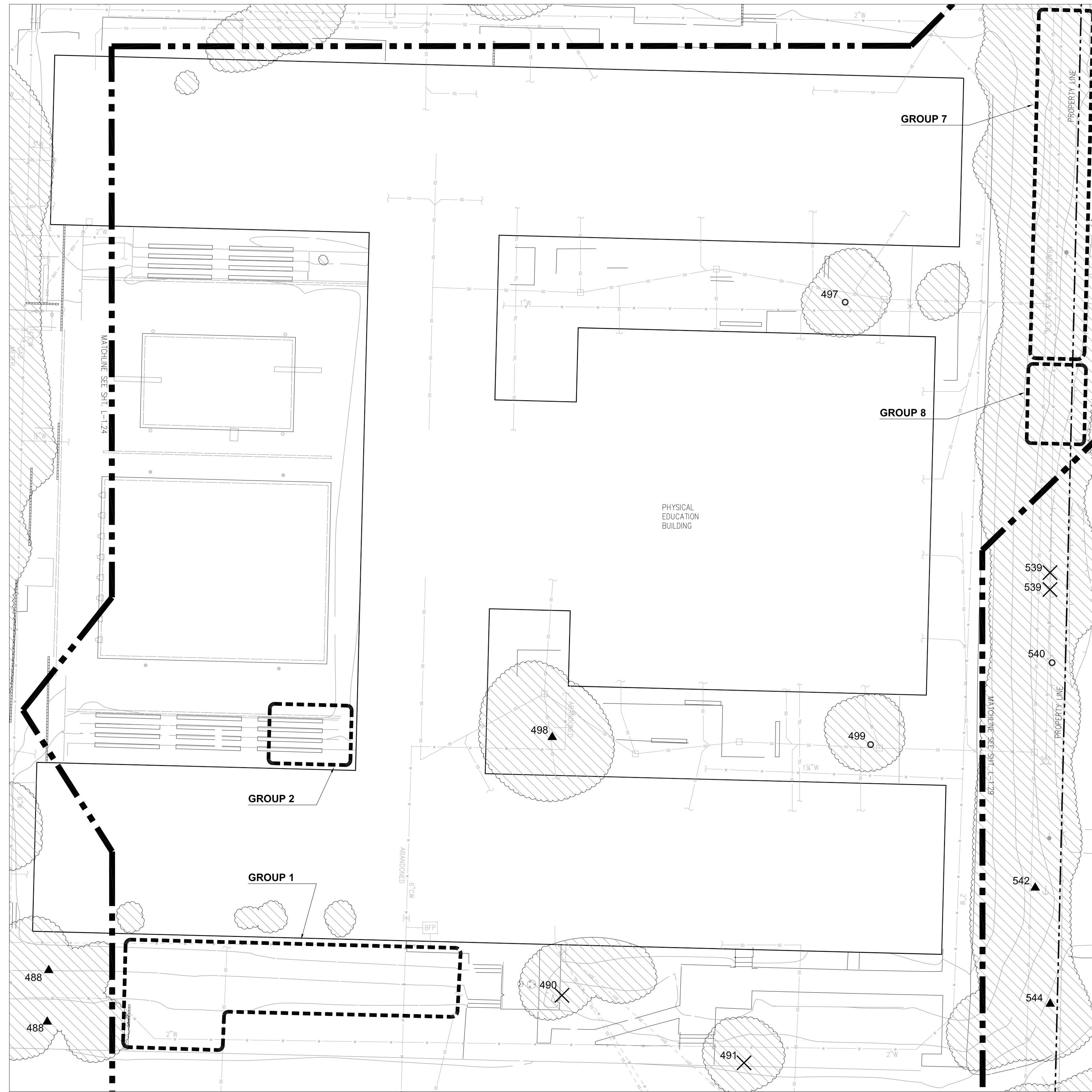
2 COLLEGE AVENUE (TREES 497-509)
1" = 20', CONTOUR INTERVAL = 1'

TREE ASSESSMENT									SCHEDULE OF WORK		
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority	
497	Magnolia	<i>Magnolia veitchii</i>	15-20' south of T-494; inside the west patio area of the PE Building	12"	Trunk splits into two stems at 3". Tree is flowering nicely.	Good	None		None	5	
498	Magnolia	<i>Magnolia Grandiflora</i>	Within the east patio area inside the PE Building	24"	Fair, yellowing and slight die-back in crown.	Fair to good	None	May have been impacted by construction.	Clear ground cover around root crown	3	
499	Michelia	<i>Michelia doltsopa</i>	North end of the east patio area inside of the PE Building; 10 - 15' south of the junipers (T-492)	20" below split in to multiple stems	Fair to good	Good	None		None	5	
500	Allepo Pine	<i>Pinus halepensis</i>	South side of the driveway entrance into the parking lot for the PE Building; in a planting area that is covered with wood chips; immediately east of College Ave	Two trees; 24" each	Fair; tree 15' northwest of speed limit sign has co-dominant stems.	Tree closest to crosswalk has a corrected lean and copious cones.	Some lifting of pavement		None	5	
501	Plum	<i>Prunus sp.</i>	West of the asphalt parking area along College Ave., between the parking along College and the entrance to the parking lot on south side of the PE Building	Multi-stemmed 3"	Fair; mature.	Fair	None		None	5	
502	Coast Live Oak	<i>Quercus agrifolia</i>	West of PE Building parking lot in a planting area with wood chips; 15' south of T-501	12"	Good; recently pruned to clear street signs and lights.	Fair; tight v-crotch at 5'	None	Small valley oaks growing underneath and will eventually compete with live oak.	Remove competing Valley Oaks	4	
503	Coast Live Oak	<i>Quercus agrifolia</i>	West of the PE Building parking lot; 25' south of T-502	18"	Good; root crown obstructed by vines.	Good	None		Clear root crown of vines.	4	
507	Eucalyptus	<i>Eucalyptus globulus</i>	West of PE Building parking lot; south of T-503	Removed but has sprouted back	Two 6" stems				Remove	2	
508	Incense Cedar	<i>Calocedrus decurrens</i>	Southwest of T-507	8"	Good	Good	None		None	5	
509	Privet	<i>Ligustrum lucidum</i>	In the planting area along the west side of the PE Building parking lot; 20' southwest of T-507	Multi-stem; 4"	Good	Fair	None		None	5	

Group 1 - Athletic Complex/P Physical Education Building	Juniper (Juniperus spp.), Mayten (Maytenus boaria), and Bottlebrush (Callistemon spp.)	This is a dense cluster of vegetation on the east side of the building.			"Thin Bottlebrush. Provide structural pruning for Mayten tree."	2	N/A
Group 2 - Athletic Complex/P Physical Education Building	Japanese Maples (Acer palmatum) and Podocarpus	It is a planting area inside of the Men's and Women's locker rooms inside of the Physical Education Building.	The Men's locker room has three Japanese Maples (Acer palmatum) and a Podocarpus. All of which are malformed and leggy. The Maples are infected with Verticillium Wilt. The Women's locker room has one Japanese maple that also appears to be diseased.	N/A	Remove.	N/A	Y
Group 7: Physical Education Building/Athletic Complex	Coloanaster (Coloanaster spp.), Manzanita (Arctostaphylos spp.), Cherry laurel (Prunus laurocerasus), Hawthorn (Crataegus spp.), Plum (Prunus spp.), and Rosemary (Rosmarinus officinalis)	Near the northwest corner of the Physical Education/Athletic Center this group of vegetation is along the fence to the north proceeding to the east.			Prune to increase visibility and for fire safety.	2	N/A
Group 8: Physical Education Building/Athletic Complex	Plum (Prunus spp.)	Located just to the east of Group 7 and across from the west patio area inside the Physical Education Building, where the magnolias (tree 494 & 495) are located.	The plums are multi-stemmed trees.		Thin out some stems to provide clearance for public and fire safety.	2	N/A

TREE ASSESSMENT									SCHEDULE OF WORK		
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority	
490	Plum	<i>Prunus cerasifera 'Atropurpurea'</i>	Off of the east side of the PE building, near the laundry facilities	Removed and replaced by valley oak.					Poor tree choice to be growing with such vigorous ground cover. Suggest replacing tree with alternative species.	4	
491	Mayten	<i>Maytenus boaria</i>	Near the northeast corner of the building; 8' north of the stairway entrance near the northeast corner of the building; between the sidewalk and the parking lot	16"	Poor to fair; mature to over mature. Dieback in crown. Thick understorey grasses are choking the tree out.	Fair		Tree is in apparent decline. If tree is replaced at some point grass must be removed out from around the drip line of the tree.	Removal and replacement is an option.	4	
497	Magnolia	<i>Magnolia veitchii</i>	15-20' south of T-494; inside the west patio area of the PE Building	12"	Trunk splits into two stems at 3". Tree is flowering nicely.	Good	None		None	5	
498	Magnolia	<i>Magnolia Grandiflora</i>	Within the east patio area inside the PE Building	24"	Fair, yellowing and slight die-back in crown.	Fair to good	None	May have been impacted by construction.	Clear ground cover around root crown	3	
499	Michelia	<i>Michelia doltsopa</i>	North end of the east patio area inside of the PE Building; 10 - 15' south of the junipers (T-492)	20" below split in to multiple stems	Fair to good	Good	None		None	5	

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 PHYSICAL EDUCATION BUILDING NORTHEAST (TREES 490-499)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE

rev.	date	issue

TREE REMOVAL
Kentfield Campus

AE Project #	date:	07/10/14
drawn by: TS, IC, DZ	checked by:	NL
scale: 1" = 20'		

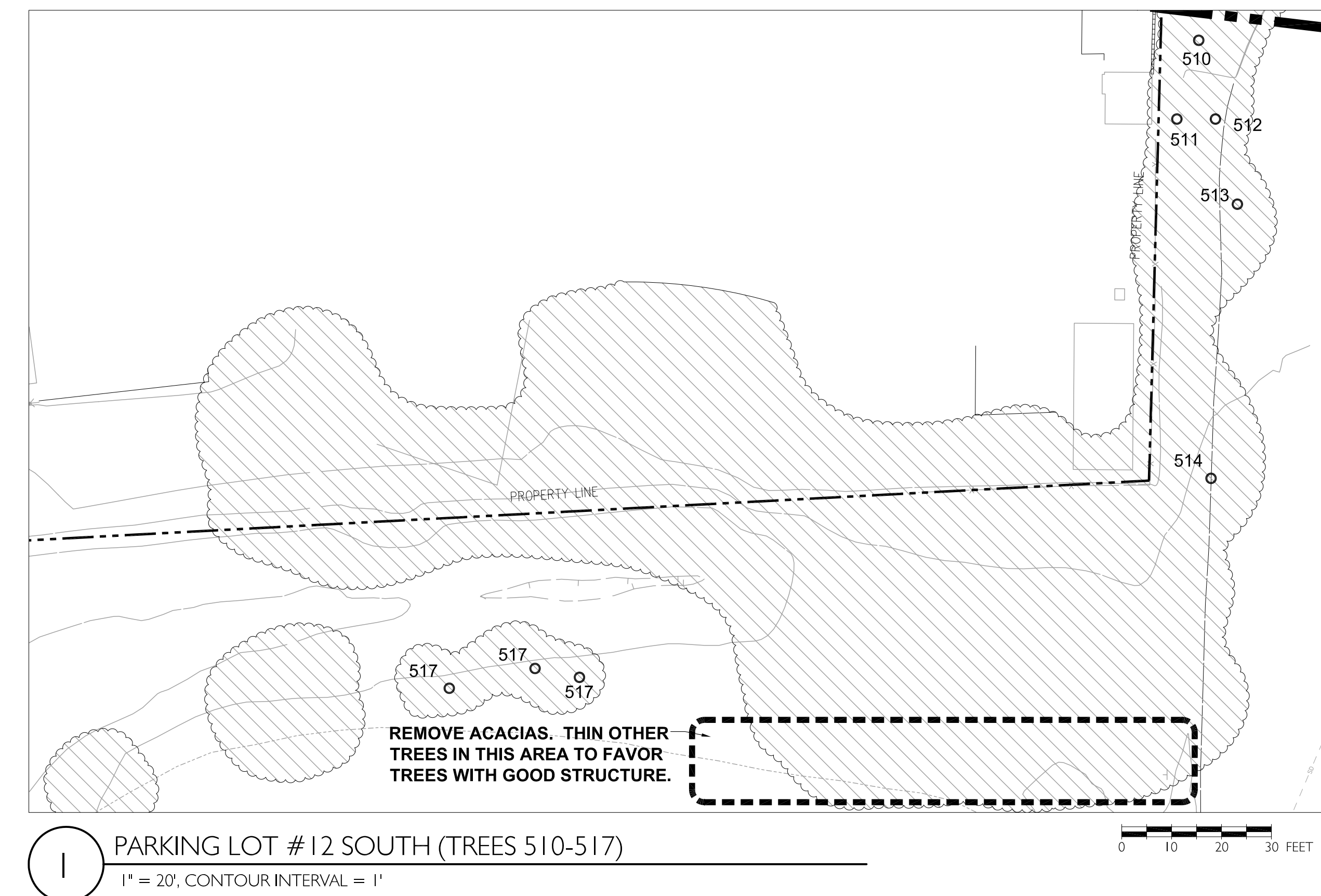


2 PARKING LOT # 11 (TREES 520)
1" = 20', CONTOUR INTERVAL = 1'

Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	SCHEDULE OF WORK	
									Recommendations	Priority
520	Elm	<i>Ulmus sp.</i>	At east end of parking lot #11 and west of the track area; near the northeast corner of the parking lot	Dead					Remove	2

Group 3: Athletic Complex and Physical Education Building	Acacia (<i>Acacia melanoxylon</i>), Eucalyptus (<i>Eucalyptus globulus</i>) and (<i>Eucalyptus globulus</i> 'Compacta'), Ash (<i>Fraxinus</i> spp.), and Plum (<i>Prunus</i> spp.)	This is vegetation along the south side of Parking Lot 11, the lot south of the tennis courts.	Most of these trees are over-grown and have been relatively un-maintained by our observations.			Remove Acacia.	N/A	Y
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NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 PARKING LOT # 12 SOUTH (TREES 510-517)
1" = 20', CONTOUR INTERVAL = 1'

Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	SCHEDULE OF WORK	
									Recommendations	Priority
510	Elm	<i>Ulmus sp.</i>	South of T-508	6"	Good	Good	None		None	5
511	Elm	<i>Ulmus sp.</i>	East of a gravel pathway from the adjacent neighborhood into the PE Building parking lot	8"	Good	Good	None		None	5
512	Catalina Ironwood	<i>Lionothamnus floribundus exilifolius</i>	East of gravel path from the adjacent neighborhood into the PE Building parking lot	12"	Good	Good	None		None	5
513	Plum	<i>Prunus sp.</i>	East of T-511 and T-512	Multi-stem; 3"	Fair; mature.	Fair	None		None	5
514	Elm	<i>Ulmus sp.</i>	South of PE Parking area; east of T-513	12"	Good	Fair; some v-crotching	None		None	5
517	Coast Live Oak	<i>Quercus agrifolia</i>	South of T- 516; midway across the length of the parking lot on the west side	Cluster of three; 12", 8", 4"	Fair to good	Good	None		None	5

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



KEY MAP - NOT TO SCALE

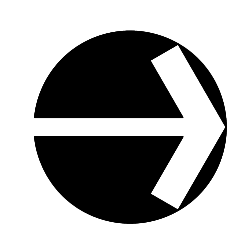


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TREE REMOVAL
Kentfield Campus

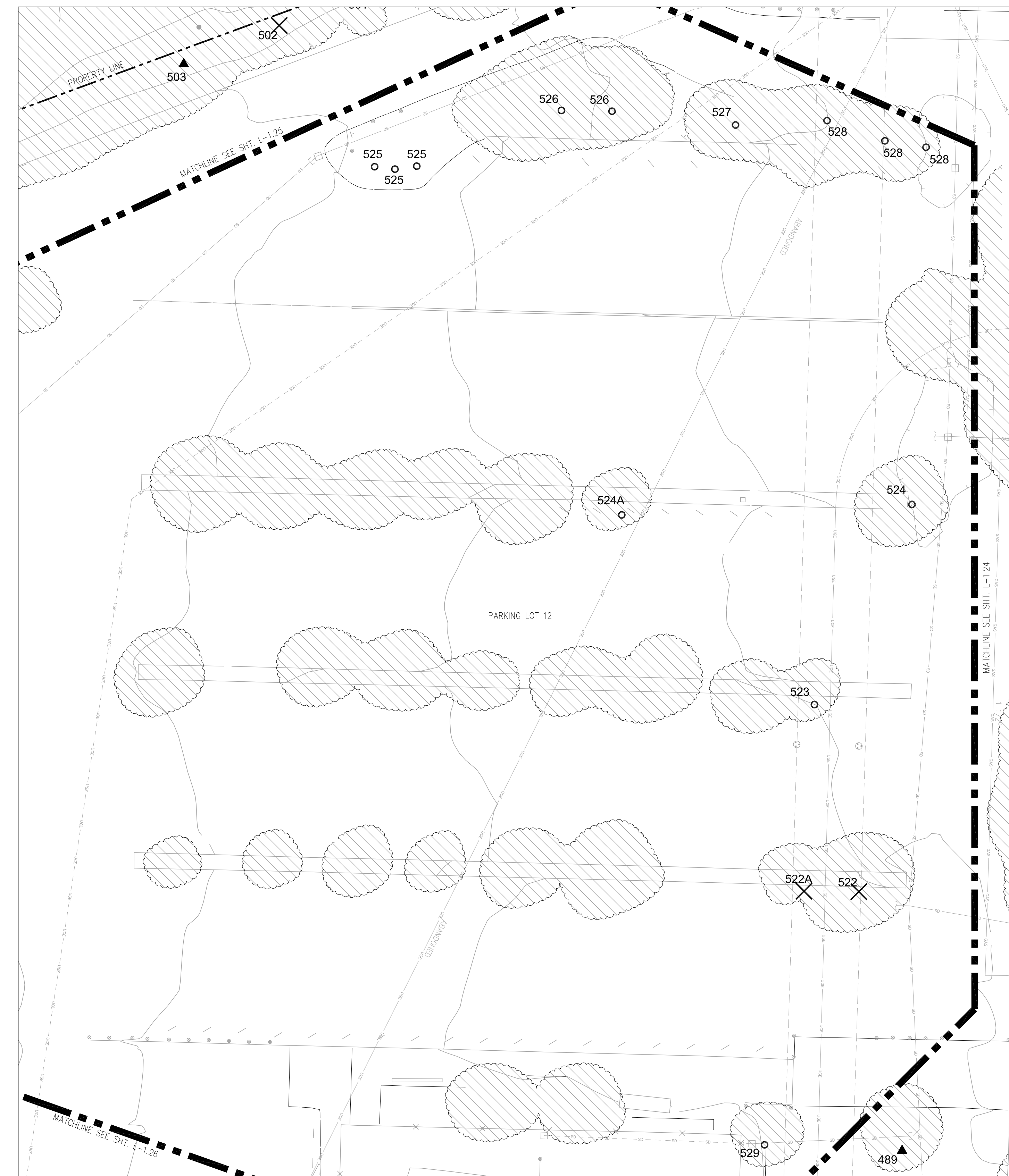
District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

PKG. LOT #11 & PKG LOT #12 SOUTH (TREES 510-520)
L-1.26



TREE ASSESSMENT									SCHEDULE OF WORK		
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority	
522	a	Ash	<i>Fraxinus sp.</i>	In east-most planting island in the PE Building parking lot	4"	Poor	Poor	None	Deformed base. Will never become a well formed tree.	Remove and replace	4
522		Ash	<i>Fraxinus sp.</i>	In the east-most planting island in the PE building parking lot	12"	Fair; mature. Large deadwood present. Three sections of decayed bark on southwest facing side of trunk.	Fair	None		Remove deadwood	2
523		Ash	<i>Fraxinus sp.</i>	In a middle planting island in the PE building parking lot	12"	Fair	Fair	None		None	5
524	a	Ash	<i>Fraxinus sp.</i>	30' south of the PE complex in a circular planting island	10"	Fair	Fair; poor pruning. Tree has been lion's tailed	None		None	5
524		Ash	<i>Fraxinus sp.</i>	In the west-most planting island in the PE building parking lot	12"	Fair	Fair; decay column on southwest facing portion of trunk probably due to sun scald.	None		None	5
525		Bottlebrush	<i>Callistemon sp.</i>	West side of the PE Building parking lot; near the southwest corner of the parking lot	cluster of three; 8" each	Good	Good	None		None	5
526		Chinese Elm	<i>Ulmus parvifolia</i>	West side of the PE parking lot; in planting island between the entrance and the lot; north of T-525	Dual stem; 12" each	Fair; tree is crowded on both sides.	Fair	None		None	5
527		Olive	<i>Olea europea</i>	12' north of T-526; in the planting island between the entrance and the parking lot; immediately east of the parking lot entrance sign	Multiple 6" stems	Good	Fair	None		None	5
528		Ginko	<i>Ginkgo biloba</i>	North end of the planting island between the exit of the parking lot and the parking lot itself	cluster of three; 10" each	Good; topped in the past.	Fair	None		None	5
529		Coast Live Oak	<i>Quercus agrifolia</i>	Northwest corner of the tennis courts; between the planters with the Catalina Ironwood and the tennis courts	Co-dominant stems; 10" each	Fair to good.	Fair; co-dominant stems arising at	None.		None	5

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 PHYSICAL EDUCATION BUILDING NORTHEAST (TREES 522-529)
1" = 20', CONTOUR INTERVAL = 1'



KEY MAP - NOT TO SCALE

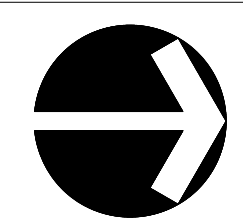
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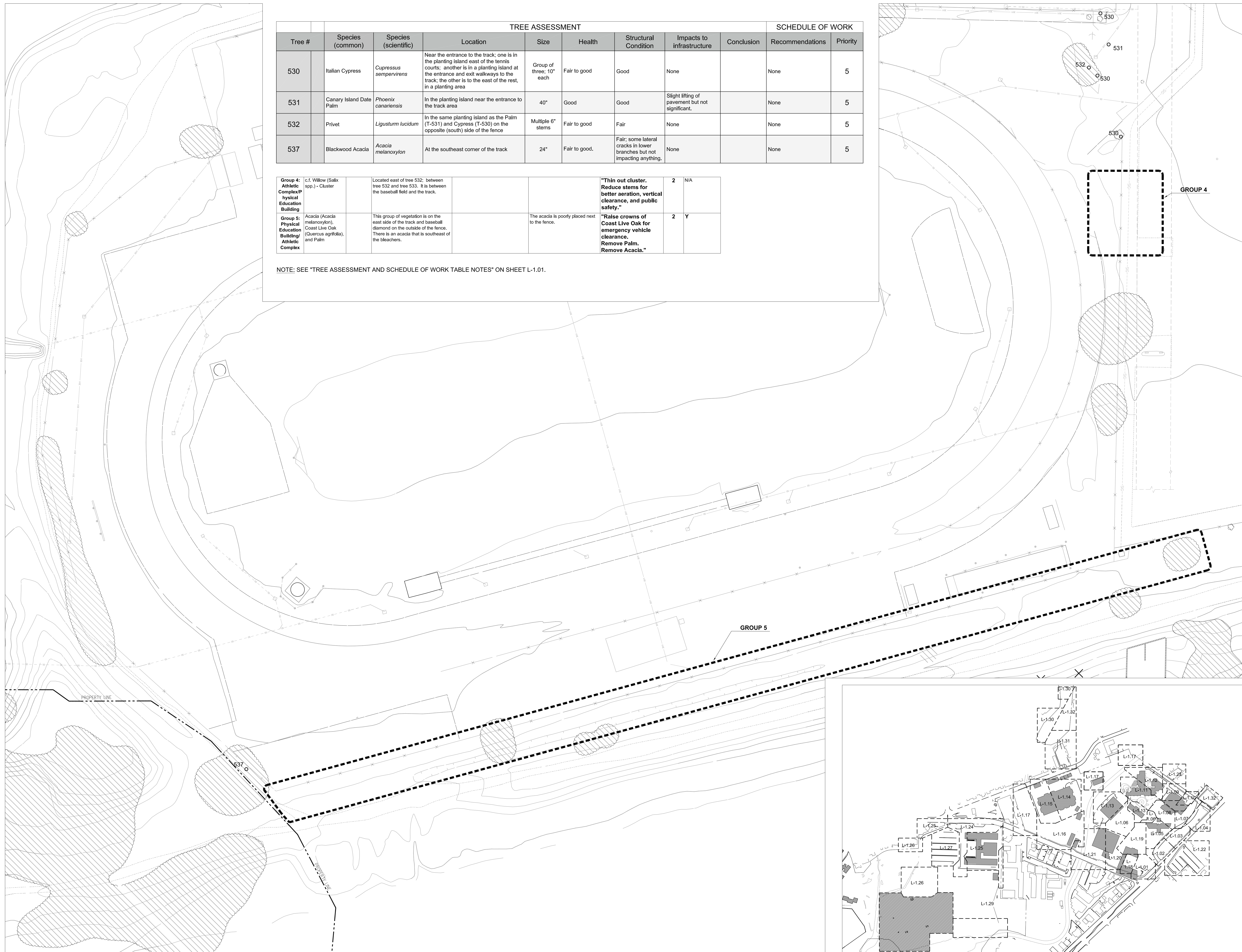
TREE REMOVAL

Kentfield Campus

District Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

**PARKING LOT #12
(TREES 521-529)
L-1.27**





TREE ASSESSMENT								SCHEDULE OF WORK		
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
530	Italian Cypress	<i>Cupressus sempervirens</i>	Near the entrance to the track; one is in the planting island east of the tennis courts; another is in a planting island at the entrance and exit walkways to the track; the other is to the east of the rest, in a planting area	Group of three; 10" each	Fair to good	Good	None		None	5
531	Canary Island Date Palm	<i>Phoenix canariensis</i>	In the planting island near the entrance to the track area	40"	Good	Good	Slight lifting of pavement but not significant.		None	5
532	Privet	<i>Ligustrum lucidum</i>	In the same planting island as the Palm (T-531) and Cypress (T-530) on the opposite (south) side of the fence	Multiple 6" stems	Fair to good	Fair	None		None	5
537	Blackwood Acacia	<i>Acacia melanoxylon</i>	At the southeast corner of the track	24"	Fair to good.	Fair: some lateral cracks in lower branches but not impacting anything.	None		None	5

Group 4: Athletic Complex/Physical Education Building	c.f. Willow (<i>Salix</i> spp.) - Cluster	Located east of tree 532; between tree 532 and tree 533. It is between the baseball field and the track.				"Thin out cluster. Reduce stems for better aeration, vertical clearance, and public safety."	2	N/A		
Group 5: Physical Education Building/Athletic Complex	Acacia (<i>Acacia melanoxylon</i>), Coast Live Oak (<i>Quercus agrifolia</i>), and Palm	This group of vegetation is on the east side of the track and baseball diamond on the outside of the fence. There is an acacia that is southeast of the bleachers.		The acacia is poorly placed next to the fence.		"Raise crowns of Coast Live Oak for emergency vehicle clearance. Remove Palm. Remove Acacia."	2	Y		

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



Royston Hanamoto Alley & Aey
323 Geary Street, #602
San Francisco, CA, 94102



Urban Forestry Associates, Inc.
8 Willow Street
San Rafael, CA 94901

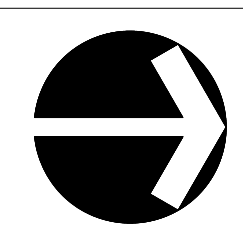
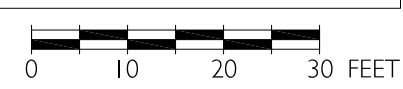


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TREE REMOVAL
Kentfield Campus

District Project #
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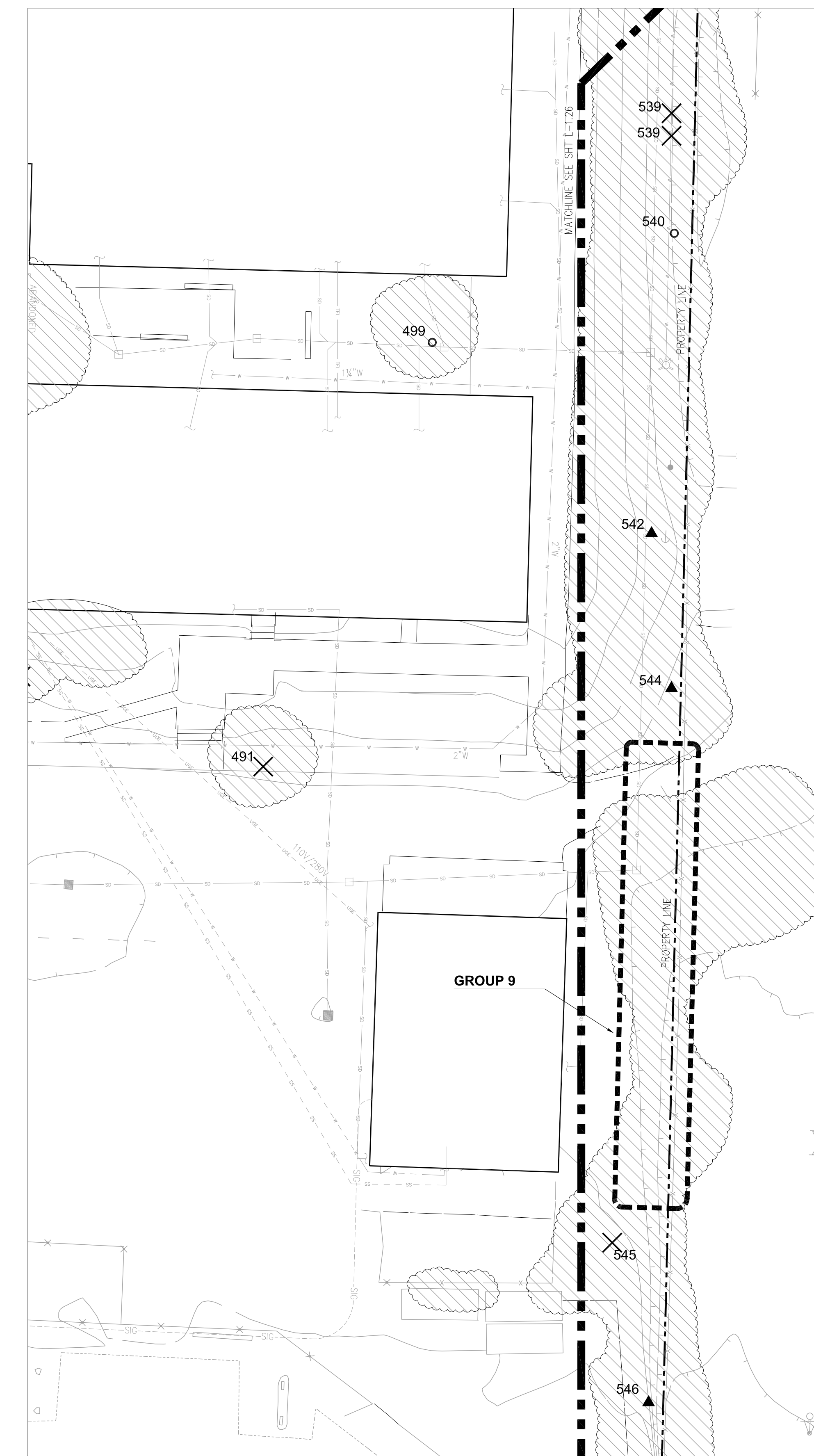
**RUNNING TRACK
TREES (530-537)
L-1.28**



539	Coast Live Oak	<i>Quercus agrifolia</i>	Near fence between the middle school and Athletic Complex property	10"	Fair	Fair	Growing very close to fence and directly under power lines.		Remove	2	
540	Coast Live Oak	<i>Quercus agrifolia</i>	Approximately 7' to the east of T-539; adjacent (within 8') to the fence between the middle school and the Athletic Complex	10"	Poor; crown die back. Irrigation						
542	a	Coast Live Oak	<i>Quercus Agricola</i>		12"	Fair to good	Good	Growing within 1" of fence and directly under power lines.	Prune to maintain height underneath power lines.	4	
542	a	Silver Wattle	<i>Acacia dealbata</i>	25' east of T-542		Clump of acacia growing in between fences of COM property and adjacent school			Remove	2	
542		Coast Live Oak	<i>Quercus agrifolia</i>	25' west of T-541; immediately adjacent to the chain link fence	10"	Fair	Fair	Growing directly into fence and directly underneath power pole.	Tree is horribly placed and is sure to ruin the fence and grow up in the power lines.	Remove or trim to maintain height below power lines.	2
544		Blackwood Acacia	<i>Acacia melanoxylon</i>	Along east end of the fence before the driveway between the middle school and the PE Complex.	Clump of trees (approx. 15)	Fair	Fair	None	Empty beer bottles demonstrate evidence of undesirable activity in the area.	Remove understory shrubs and stems < 3" in diameter for visual clearance.	1
545		Eucalyptus	<i>Eucalyptus spp.</i>	Located within Group #9	18"	Fair; multiple wounds closing over at 3" on both sides of trunk.	Fair	In direct conflict with fence. Branches hang over fence towards adjacent school playground		Remove	2
546		Coast Live Oak	<i>Quercus agrifolia</i>	Located near the fence between the middle school and the Athletic Complex on the west side of the baseball diamond.	20"	Good	Good	Growing onto fence.	Trim off of fence	4	

Group 6: Physical Education Building/Athletic Complex	Numerous Red Iron Bark Eucalyptus, Acacia, and other shrubs and vines.	Located at the northeast corner of the baseball diamond on the outside of the fence.	The Red Iron Bark Eucalyptus trees are all in fair to poor condition. These trees are prone to breakage and it looks as though several of them have been headed back severely in the past.	Remove Red Iron Bark Eucalyptus.	N/A	Y
Group 9: Physical Education Building/Athletic Complex	A Cluster of mainly Blackwood Acacia (<i>Acacia melanoxylon</i>), some Eucalyptus (<i>Eucalyptus spp.</i>), a plum (<i>Prunus spp.</i>), and cotoneaster shrubs (<i>Cotoneaster spp.</i>)	This is the area of vegetation between the middle school basketball courts and the area behind the sheds in Parking Lot 11.		Thin for public visibility and fire safety.	3	N/A

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.

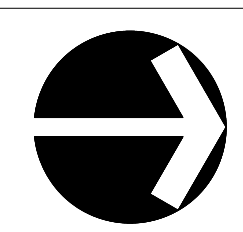


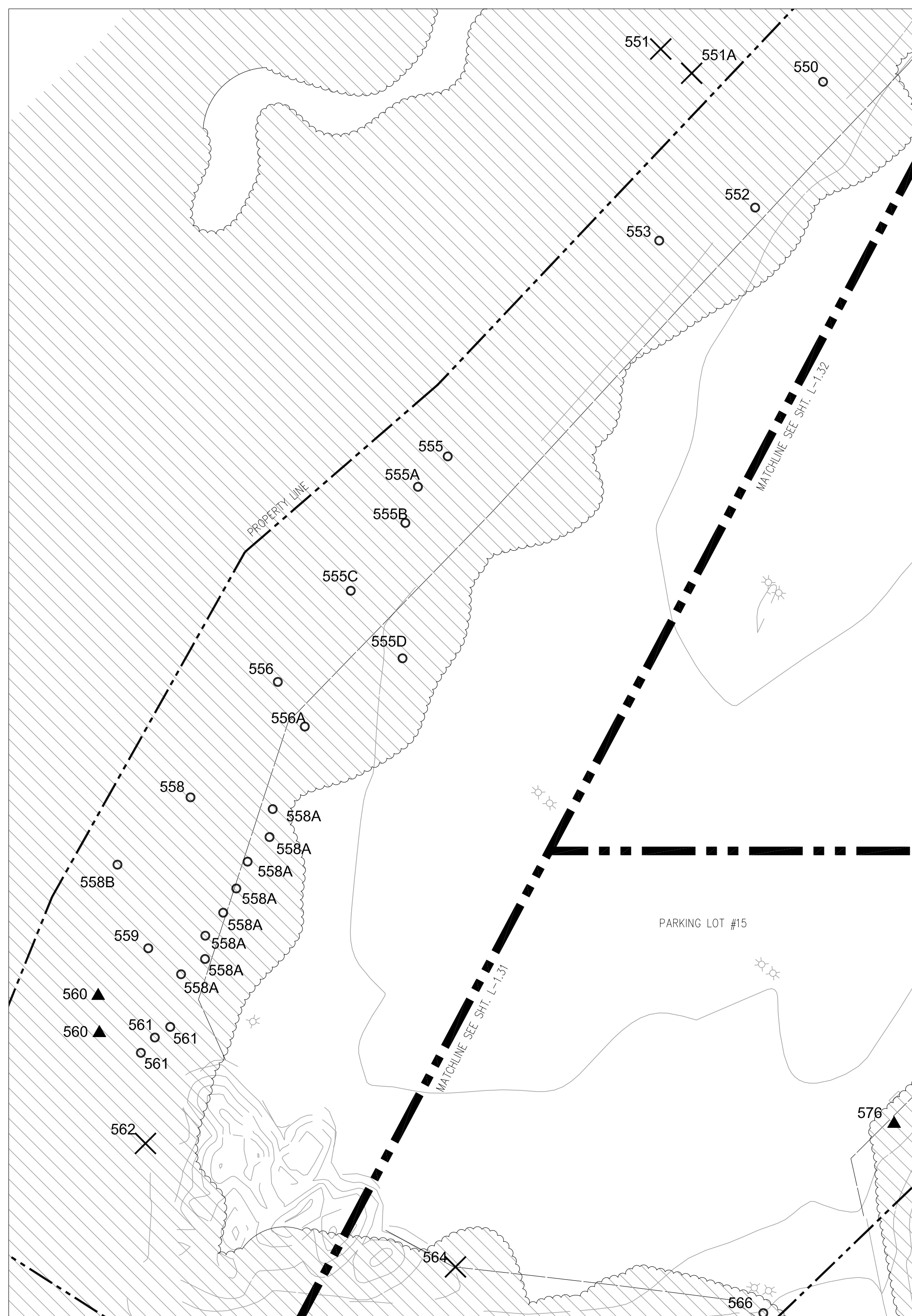
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TREE REMOVAL
Kentfield Campus

District/Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

PHYSICAL ED. BLDG. N &
BALL FIELD NE (538-546)
L-1.29

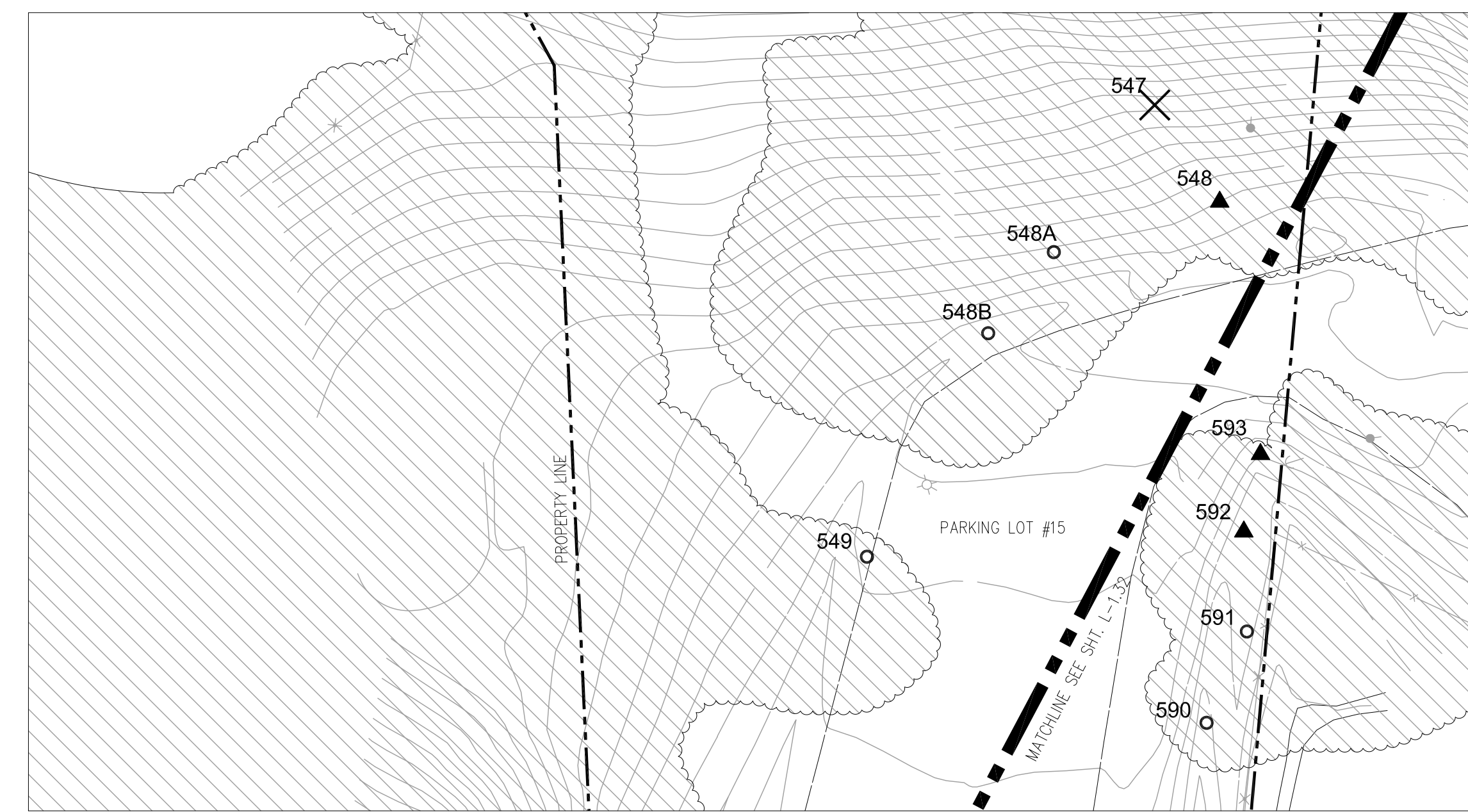




2 PARKING LOT # 15 SOUTH (TREES 550-563)
1" = 20', CONTOUR INTERVAL = 1'

TREE ASSESSMENT										SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority	
550	California Buckeye	<i>Aesculus californica</i>	Near the curve in the parking lot, on the south-southwest side of the parking area; approximately 15' up-slope from the asphalt	Multi-stem	Good; mature.	Fair	None		None	5	
552	California Buckeye	<i>Aesculus californica</i>	Approximately 10-15' southeast of T-550; up-slope and 20' from the parking lot	Good; mature. Pocket of decay at root crown.	Fair	None			None	5	
553	California Bay Laurel	<i>Umbellularia californica</i>	Approximately 10' south-southeast of T-552	12"	Fair; leaning towards parking lot.	Good	None		None	5	
555 a	California Bay Laurel	<i>Umbellularia californica</i>	Southeast of T-555	6"	Good	Good	None		None	5	
555 b	California Bay Laurel	<i>Umbellularia californica</i>	Southeast of T-555	6"	Good	Good	None		None	5	
555 c	California Bay Laurel	<i>Umbellularia californica</i>	Approximately 20' southeast of T-555; approx. 20' up-slope from the parking lot asphalt	6"	Good	Good	None		None	5	
555 d	California Bay Laurel	<i>Umbellularia californica</i>	Approximately 15-20' up-slope and east-southeast of T-555C	6"	Good	Good	None		None	5	
555	California Bay Laurel	<i>Umbellularia californica</i>	Northeast of T-554	Multi-stem	Fair; multiple stems arising from parent trunk.	Fair	None		None	5	
556 a	California Bay Laurel	<i>Umbellularia californica</i>	Directly down-slope of T-556	6"	Good	Fair; heavy lean toward parking lot			None	5	
556	California Bay Laurel	<i>Umbellularia californica</i>		6"	Good	Good	None		None	5	
558 a	California Bay Laurel	<i>Umbellularia californica</i>	Below T-558	6"	Good	Fair; heavy lean toward parking lot			None	5	
558	California Bay Laurel	<i>Umbellularia californica</i>		24"	Fair	Fair	None		None	5	
559	California Bay Laurel	<i>Umbellularia californica</i>		Multiple 6" stems arising from a decayed mother stump.	Good	Fair	None		None	5	
560	California Bay Laurel	<i>Umbellularia californica</i>	Located approximately 20-25' southeast of T-559	Dual stem; 24" and 30"	Fair; mature. Large decay columns present.	Fair; Lean toward parking lot.	None		Uphill of the two stems. Remove the north northwest extending scaffold limb.	1	
561	California Bay Laurel	<i>Umbellularia californica</i>	Southeast corner of the parking lot; on the south side; approaching the southeast corner, 10-15' above the asphalt	Multiple stems arising from mother stump	Fair; have been pruned away from last survey to clear	Fair	None		None	5	
562	Eucalyptus	<i>Eucalyptus sp.</i>	Near southeast corner of Parking Lot #15; it is on the east side of the parking area	54"	Poor; decay fungi present. Fruiting bodies present and mycelia fan present at base and in main stem. Evidence of defoliating insects.	Good; has been pruned away from parking lot with lean toward the creek.	None		Immediate Removal	1	

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 PARKING LOT # 15 WEST (TREES 547-549)
1" = 20', CONTOUR INTERVAL = 1'

TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
547	Coast Live Oak	<i>Quercus agrifolia</i>	At the north end of Parking Lot #15; on the west side natural area; approximately 35' up-slope from the pavement	12"	Fair; significant rot at root crown. Leaning towards guy wires. Wounds from climbing spikes present on main stem from prior line clearance.	Poor	Potential impact to power pole if tree were to fail.		Remove.	2
548 a	Coast Live Oak	<i>Quercus agrifolia</i>	Approximately 15-20' south of T-547; up-slope from the asphalt parking area by approximately 18-20'	18"	Fair; small LCR. Leaning on adjacent valley oak.	Poor; lacking lateral branches.	None		None	5
548 a	California Bay	<i>Umbellularia californica</i>	Approximately 8-10' down-slope and east of T-547; a power pole is approximately 4' to the northwest of the tree base	6"	Good	Good	None		None	5
548 b	Valley Oak	<i>Quercus lobata</i>	Approximately 8-10' up-slope from the asphalt parking lot; at the north end of the parking lot on the west side; approximately 20' south and east of T-548A	18"	Good	Good	None		None	5
548	Willow	<i>Salix sp.</i>	Approximately 8-10' down-slope and east of T-547; a power pole is approximately 4' to the northwest of the tree base	6"	Fair to good; there is a northwest facing branch conflicting with guy wires.	Good.	None		Prune limb to eliminate conflict with guy wires.	4
549	Valley Oak	<i>Quercus lobata</i>	At the north end of Parking Lot #15; approximately 4.5' from the asphalt parking area; approx. 15-20' southwest of the north-most light pole in the parking lot	12"	Fair; copious amounts of galls present and tree is located in small drainage area.	Good	None		None	5

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



KEY MAP - NOT TO SCALE

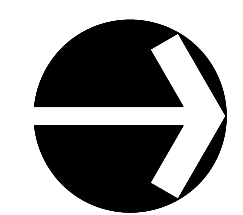
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TREE REMOVAL
Kentfield Campus

Distict Project #
AE Project # date: 07/10/14
drawn by: TS, IC, OZ checked by: NL
scale: 1" = 20' 0' 10' 20'

PARKING LOT #15 WEST & SOUTH (TREES 547-563)

L-1.30



TREE ASSESSMENT									SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to infrastructure	Conclusion	Recommendations	Priority
564	Red Maple	<i>Acer rubrum</i>	Near the southeast corner of this parking area	12"	Poor to fair; mature to over mature.	Poor; decay in main leader.			Remove	2
565	Valley Oak	<i>Quercus kelloggii</i>	East/southeast of T-564	18"	Fair; mature. Being shaded out by neighboring valley oak.	Fair; moderate lean toward parking lot.			None	5
566	C.F. Valley Oak	<i>Quercus lobata</i>	At the intersection between the west and east portions of Parking Lot #15; at the southwest corner of the access road/bridge between the two lots; there is a culvert in this area	30"	Good; mature.	Fair; heavy lean toward creek.	None		None	5
567	Privet	<i>Ligustrum sp.</i>	Along the wood fence between the fence and the parking area asphalt; along the east portion of Parking Lot #15	18"	Good	Fair; v-crotch structure in main crotch.	Growing directly into neighboring fence. Lifting concrete on walkway by adjacent apt. complex.		Clear root crown of vines.	4
568	Evergreen Pear	<i>Pyrus kawakamii</i>	East of T-567	Dual stem; 6" each	Fair	Poor; v-crotch with included bark at tree base.	Encroaching parking lot light		Remove	2
569	Privet	<i>Ligustrum sp.</i>	At the southeast corner of the east portion of Parking Lot #15	3 stems at 12"	Fair; minor decay present at base.	Poor; three stems arising at ground level with included bark where they meet.			None	5
570	Catalina Cherry		Within the center planting isle between the entrance/exit of east portion Parking Lot #15; off of Kent Avenue	18"	Good; past branch failure on north side of tree, most likely from a vehicle.	Fair to good			Prune for vehicle clearance.	3
571	a Privet, Hawthorn, Plum	<i>Ligustrum, Crataegus, Prunus</i>	Along the north side of the east portion of Parking Lot #15, west from T-571	Multi-stem	Good	Good	None		None	5
571	Tree Of Heaven	<i>Ailanthus altissima</i>	Northeast corner of the east portion of Parking Lot #15 along Kent Ave.; between the sidewalk on Kent Ave. and the beginning of the asphalt parking spaces	Group of about 15	Poor; advanced decay on all trees. Very active termite presence.	Poor	None	Invasive exotic species. There is a pear tree growing in the middle of this cluster of trees that could take over after removal of Tree of Heaven.	Remove all tree of heaven	1
571	a		Dead tree located in between T-571 and 572						Remove	1
572	Ash	<i>Fraxinus sp.</i>	Southwest of the light post	Dual stem; 6" each	Fair	Poor to fair; large decay column along stem over parking lot.			Reduce to condense crown. Consider removal due to poor structure and decay.	1
574	California Bay Laurel	<i>Umbellularia californica</i>	South of the fence line between the parking area and the adjacent apartment complex	30"	Fair; mature. Was topped in past. Copious amounts of vines growing up tree.	Fair	Lifting pavement of pedestrian walkway.		Remove deadwood. Reduce canopy 15% to mitigate long reaching stems.	2
575	California Bay Laurel	<i>Umbellularia californica</i>	Along the north side of the entrance between the east and west portions of Parking Lot #15	Multi-stem; three 18" stems.	Fair; mature. Some dieback in crown. Decay at base which is typical in this species.	Fair; stems with moderate lean over parking lot.	Lifting pavement of pedestrian walkway.		Remove deadwood. Reduce canopy 15% to mitigate long reaching stems.	2
576	Coast Live Oak	<i>Quercus agrifolia</i>	At the intersection of the east and west parking lots; on the northeast corner of the west portion of Parking Lot #15	18"	Fair to poor; sparse crown; foliar dieback.	Good	None		Monitor decline.	3
577	California Bay Laurel	<i>Umbellularia californica</i>	Approximately 20' west of T-576; on north side of the west portion of Parking Lot #15; approx. 10' north of the asphalt	12"	Fair	Fair	None.		Remove vines.	4
578	Coast Live Oak	<i>Quercus agrifolia</i>	Southwest of T-577; approximately 7-8' north of the asphalt parking area	6"	Fair; vines are affecting the health of this tree.	Fair; leans over parking lot.	None		Remove vines	4

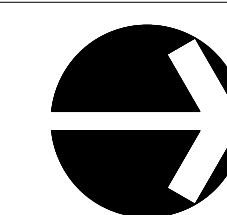
NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



1 PARKING LOT #15 NORTHEAST (TREES 564-678)
1" = 20'. CONTOUR INTERVAL = 1'

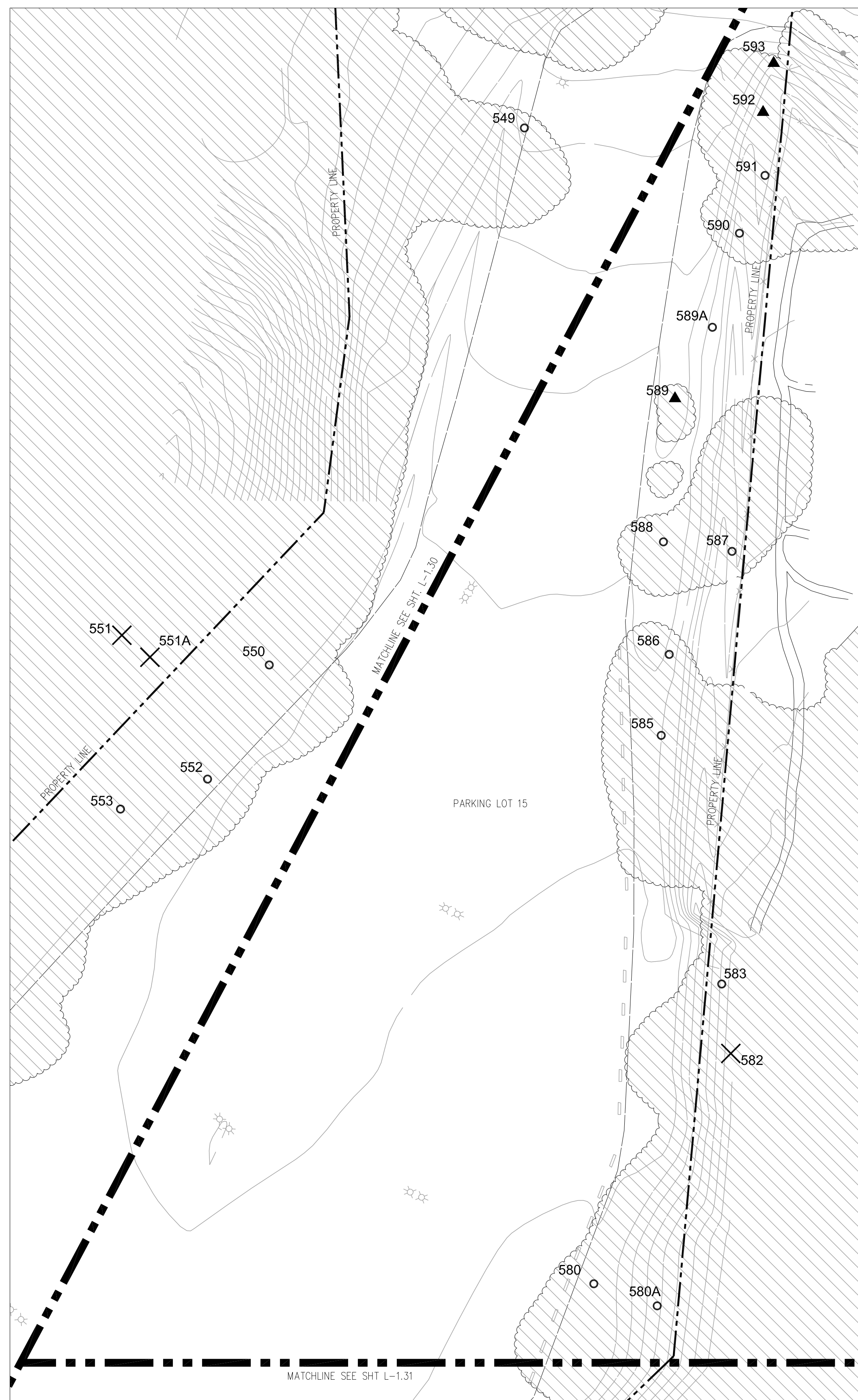


KEY MAP - NOT TO SCALE

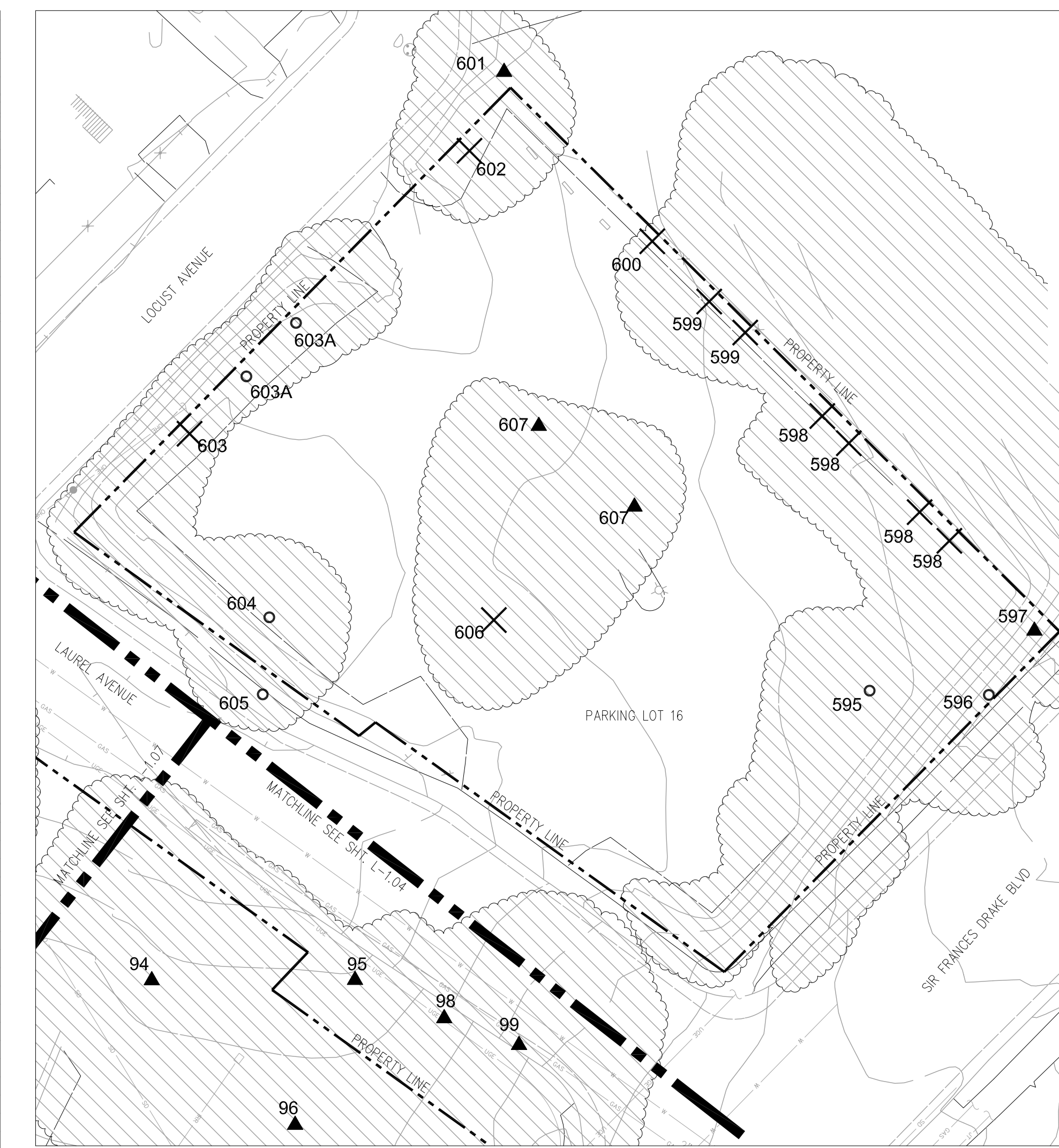


TREE ASSESSMENT										SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to Infrastructure	Conclusion	Recommendations	Priority	
580	Privet	<i>Ligustrum sp.</i>		Multi-stem	Good	Good	None		None	5	
582	Coast Live Oak	<i>Quercus agrifolia</i>	Approximately 15' west of T-580	6"	Poor; advanced decay at root crown.	Fair to poor; Heavy lean toward parking lot.	None		Remove.	1	
583	Coast Live Oak	<i>Quercus agrifolia</i>	Approximately 10-15' northwest of T-582	12"	Good	Fair; slight lean.	None		None	5	
585	California Bay Laurel	<i>Umbellularia californica</i>	Northwest of T-584						None		
586	California Bay Laurel	<i>Umbellularia californica</i>	West of T-585						None		
587	California Bay Laurel	<i>Umbellularia californica</i>	Approximately 15-20' northwest of T-585						None		
588	California Bay Laurel	<i>Umbellularia californica</i>	Approximately 10' south of T-587						None		
589	Coast Redwood	<i>Sequoia sempervirens</i>	West of a cleared opening (area without trees); approximately 4' north of the parking lot and consists of one major stem and a subordinate limb to the east	Dual stem; 18" and 6"	Good; remarkably healthy foliage. Wildlife has been impacting bark but not significant.	Fair to Good; dual stem.	None		Raise canopy to 10' for visual clearance.	2	
589	California Bay Laurel	<i>Umbellularia californica</i>	Southwest of T-587								
590	Italian Stone Pine	<i>Pinus pinea</i>	West/northwest of T-589	12"	Fair; tree experienced whole root ball failure in past but continues to display good vigor.	Fair	None		None.	5	
591	Douglas Fir	<i>Pseudotsuga menziesii</i>	Approximately 35-40' west of T-590	12"	Good	Good	None		None	5	
592	Deodar Cedar	<i>Cedrus deodrant</i>	Approximately 35-40' to the west of T-591; approx. 5' from the asphalt parking area	12"	Good	Good	None		Trim back branches from parking spot and raise canopy 5' for visual clearance.	4	
593	Willow	<i>Salix sp.</i>	On the north side of the northwest exit from Parking Lot #15; on the north side of the drainage and approximately 35' northeast of the stop sign at parking lot exit	12"	Good	Good	None	Pine and oak saplings becoming established underneath this willow.	Raise canopy for vehicle clearance. Remove pine and oak saplings.	2	

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



2 PARKING LOT #15 NORTHWEST (TREES 580-593)
1" = 20', CONTOUR INTERVAL = 1'



1 PARKING LOT #16 (TREES 595-607)
1" = 20', CONTOUR INTERVAL = 1'

TREE ASSESSMENT										SCHEDULE OF WORK	
Tree #	Species (common)	Species (scientific)	Location	Size	Health	Structural Condition	Impacts to Infrastructure	Conclusion	Recommendations	Priority	
595	Incense Cedar	<i>Calocedrus decurrens</i>	In a dirt planting area between two parking spaces near the northwest corner of Parking Lot #16	24"	Fair; sparse crown. Limited root zone.	Good	None		None	5	
596	Coast Live Oak	<i>Quercus agrifolia</i>	Northwest of T-595; approximately 3.5-4' down-slope from the sidewalk along Sir Francis Drake Blvd	18"	Good	Good	None		None		
597	Incense Cedar	<i>Calocedrus decurrens</i>	20' Northwest of T-596 directly adjacent to SFD	24"	Good; mature.	Fair to good; corrected south-southeast lean.	Located 1' from electrical boxes but no apparent damage.	Black acacia sprouts growing at base.	Remove all black acacia sprouts.	1	
598	Blackwood Acacia	<i>Acacia melanoxylon</i>	Along the west side of Parking Lot #16; there are four trees between the asphalt and the wood fence that separates the college and a private property	cluster of four trees	Fair; seems that tree was removed and has sprouted back.	Fair	None	Sprout growth is encroaching adjacent parking space.	Remove and stump grnd.	1	
599	Tree Of Heaven	<i>Ailanthus altissima</i>	South/southwest of T-598; immediately adjacent to the wood fence that separates the college property from private property; the north-most stem's base grows partially through the fence; the south-most stem's base is on the college side of the fence	Removed but re-sprouting	Good	Poor			Ask neighbor to stay on top of removing the sprouts as the species is highly undesirable.	2	
600	Plum	<i>Prunus sp.</i>	5' southeast of T-601	Multi-stem; 6" each	Poor; being shaded out by redwood. Canopy enveloped by ivy.	Poor, heavy lean.	None		Remove	2	
601	Coast Redwood	<i>Sequoia sempervirens</i>	At the northwest corner of Parking Lot #16; between Locust Rd. and the southwest corner of the parking lot	24"	Good	Good	Lifting pavement		Raise canopy to 10' for vehicle clearance. Remove ivy and sprout growth.	3	
602	Purple Leaf Plum	<i>Prunus sp.</i>	On east side of the southwest exit for Parking Lot #16	Multi-stem; 5" and 6" stems.	Very poor; over mature. Tree is in decline.	Poor.	None		Remove	2	
603	California Pepper	<i>Schinus molle</i>	10' southeast of T-603	12"	Fair; sapsucker damage	Good	None		None	5	
603	California Pepper	<i>Schinus molle</i>	Along the south side of Parking Lot #16	12"	Fair; sapsucker damage	Good	Significant damage to parking lot from roots lifting pavement.	Competing with adjacent oak tree	Remove to clear space for adjacent oak tree to take over. Oak tree shows no signs of damaging infrastructure.	2	
604	California Pepper	<i>Schinus molle</i>	Near the southeast corner of Parking Lot #16; on the east side of the parking lot; between an asphalt parking space and a walkway that leads to a stairwell that goes down to the sidewalk along Laurel Ave.	12"	Fair; many vines growing into canopy.	Good	None		None	5	
605	Plum	<i>Prunus sp.</i>	Northeast of T-604; a concrete retaining wall is immediately east of the tree's base; it is approximately 3-4' east of the asphalt parking area	Multi-stem; 6" each	Fair to good.	Good	None		None	5	
606	Black Locust	<i>Robinia pseudo-acacia</i>	In the center planting isle of Parking Lot #16	Dual stem; 18" and 12"	Poor to fair; mature to over mature. Evidence of branch failure on Southwest side of tree.	Very poor; tight v crotch with included bark extending to base of root crown.	Lifting parent.	If tree fails it has potential to impact vehicles and pedestrians.	Remove tree.	2	
607	Incense Cedar	<i>Calocedrus decurrens</i>	In the central planting isle of Parking Lot #16	18"	Fair	Good	None		Raise canopy for vehicle clearance.	4	

NOTE: SEE "TREE ASSESSMENT AND SCHEDULE OF WORK TABLE NOTES" ON SHEET L-1.01.



KEY MAP - NOT TO SCALE



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TREE REMOVAL

Kentfield Campus

Distict Project #
AE Project # date: 07/10/14
drawn by: TS, IC, DZ checked by: NL
scale: 1" = 20'

PARKING LOT #15 NW & PKG LOT #16 (580-607)
L-1.32

