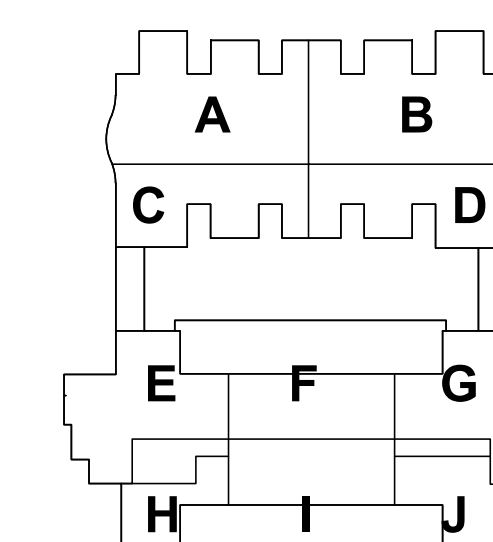


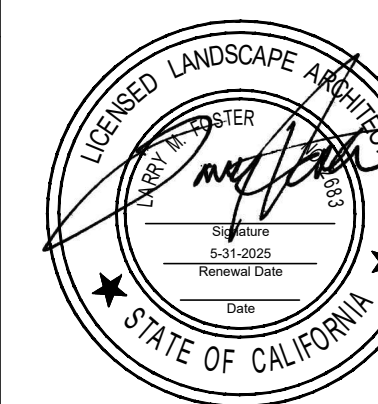
KEY PLAN



MARK DATE DESCRIPTION

MARK	DATE	DESCRIPTION

Project Number 1005564  
Issue Date AUGUST 21, 2020



Sheet Name

HERITAGE TREE  
DISPOSITION PLAN

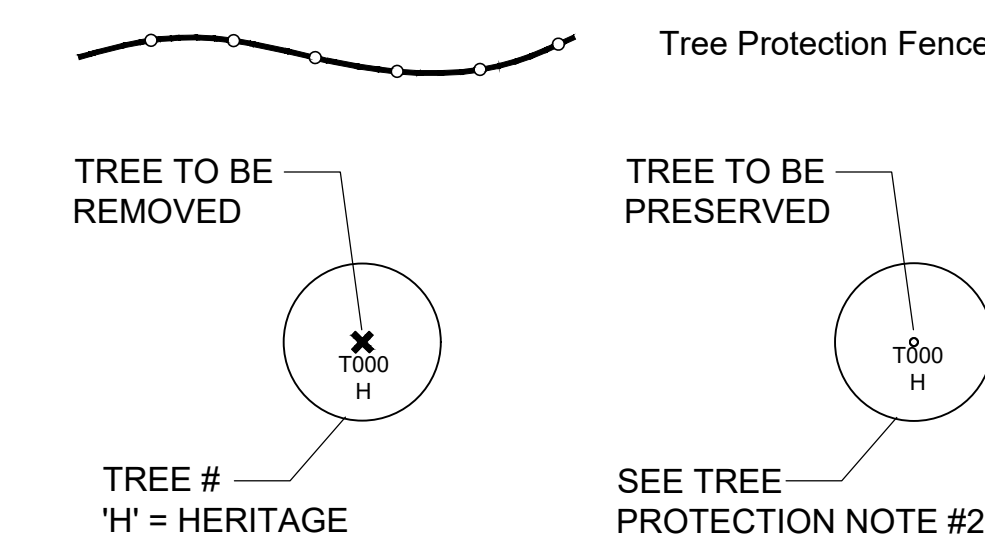
Scale

Sheet Number

L-1.0A

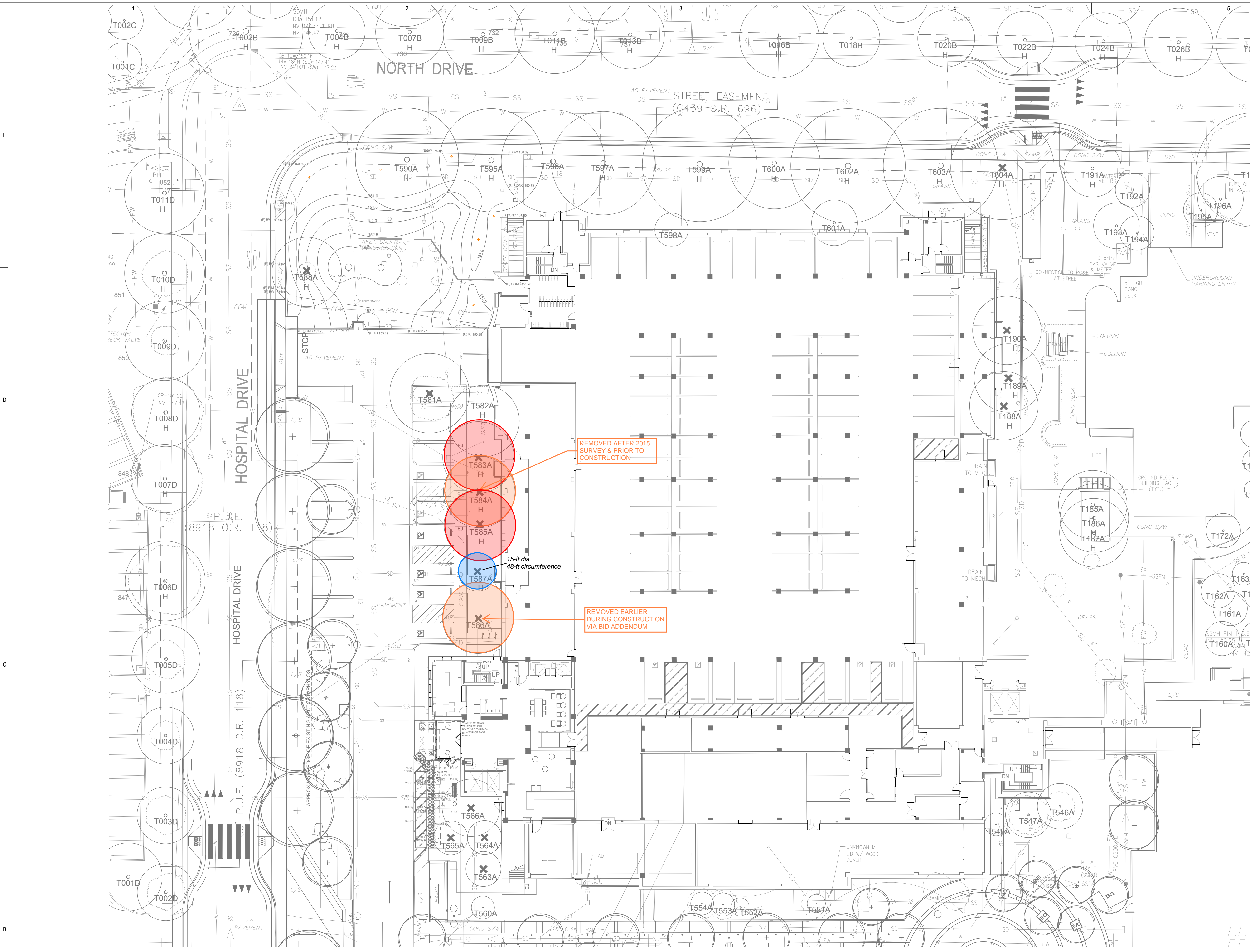
Project Status  
100% CONSTRUCTION DOCUMENT -  
OSHPD SUBMISSION

PLAN LEGEND



TREE PROTECTION NOTES

- All tree removal and protection measures shall be implemented consistent with measures in the Specifications and the Mountain View City Code relating to the Urban Forest. The contractor shall get permission from the City Arborist to remove any additional trees from the site prior to construction.
- All trees scheduled for preservation shall be temporarily fenced during construction. Fencing shall be installed prior to starting work. Fencing shall consist of minimum 6' high chain link fence. Fencing shall be rigidly supported and maintained during construction. Fenced areas shall be maintained in a natural condition and not compacted. The following practices are prohibited inside the Protection Zone: storage of construction materials, debris or excavated material; dumping of chemicals or garbage; parking vehicles or equipment; foot traffic; erection of sheds or structures; impoundment of water; excavation or other digging unless otherwise indicated; attachment of signs to or wrapping materials around trees or plants unless otherwise indicated; smoking or other flame or ignition source. Removal of fencing shall be allowed following approval by the Project Arborist. Tree fencing locations shall be determined in field by the Project Arborist.
- The Contractor shall not be allowed to store equipment or material within the dripline area under trees to be preserved.
- Selectively prune any tree crowns that lean into the construction area and obstruct construction activities. Pruning to be done under supervision of Project Arborist and Landscape Architect. See Specifications.
- Utility and drainlines shall be located outside the root zone of trees scheduled for preservation. See Specifications.
- All approved construction work within the root zone of trees scheduled for preservation shall receive the following minimum tree protection: Hand trench at point or line of grade cuts closest to the trunk to expose major roots 2-inches in diameter or larger. See Specifications.
- No significant tree as defined by City "Heritage Tree Act" may be removed or trimmed unless authorized under City regulation.
- No soil may be removed from within the dripline of any tree and no fill of additional soil can exceed two inches (2") within the driplines of trees, unless it is part of approved construction and is reviewed by a qualified forester or certified arborist. Because existing trees are sensitive to the addition of fill, excavated material must either be removed from the site, incorporated as engineered fill beneath the driveway, or retained away from oak trunks (a minimum of one foot clearance) and as much rooting area as possible.
- Bark injury to any tree from equipment or materials is not acceptable and is prevented by respecting the protective fencing described above.
- Excavation needed near trees to remain must be minimized. Any excavation in rooted areas will conform with the City Tree Protection Ordinance and these specifications. Roots exposed by excavation must be pruned cleanly and re-covered as quickly as possible to promote callusing, closure and healthy regrowth. Where excavation will occur within tree driplines, the following root severing procedures during excavation and trenching are recommended:
- Expose and cleanly sever roots one foot further from the tree than the final limit of grading and then hand dig the final foot of width. Initial cuts one foot from limit of grading can be made by making sharp vertical cuts with excavator or backhoe teeth. Roots should then be cleanly pruned to the side wall of excavation with a saw, sawzall, narrow trencher with sharp blades, or clippers. Hydraulic or pneumatic excavation technologies are available which can expose and minimize damage to roots. Exposed roots should be draped immediately with at least two layers of untreated burlap or carpets secured to cover the excavated surface to a depth of 3 feet. Burlap or carpeting (or temporary fill) shall be soaked nightly and kept in place until the excavated surface is backfilled and watered.
- All tree work shall be monitored by a qualified forester or certified arborist and work completed by qualified tree service personnel. Oaks should not be trimmed during periods of rapid growth in the spring and early summer so that deformed "witches broom" growth is not stimulated.
- The contractor should consult the Santa Clara County Agricultural Commissioner's office immediately prior to any work that requires cutting and removal of oak materials from the site so that current requirements for oak and redwood materials regulated to control SOD can be followed and enforced.
- Number, Species, Size, and Location of replacement trees shall be determined at time of Final approval of Landscape Plan.
- All tree removal and protection measures shall be implemented consistent with measures in the Specifications.
- See Specifications for materials and procedures including, but not limited to, soil preparation, amendments, fertilizers, and herbicides.
- See Planting Details and Specifications for materials and procedures including, but not limited to, plant pit size, root barriers, and staking.
- Where directed by Project Arborist or Architect, aerate surface soil compacted during construction. Aerate 10 feet beyond dripline and no closer than 36 inches to tree trunk. Drill 2-inch diameter holes a minimum of 12-inches deep at 24-inches o.c. Backfill holes with an equal mix of augered soil and sand.
- Where new finish grade is indicated below or above existing grade around trees, maintain existing grades within the Protection Zone, and slope grade beyond the Protection Zone, unless otherwise noted on Drawings. See Specifications.



GENERAL NOTES

- As defined by Mountain View City Code, a Heritage tree shall mean any one of the following:
  - A tree which has a trunk with a circumference of forty-eight (48) inches or more measured at fifty-four (54) inches above natural grade;
  - A multi-branched tree which has major branches below fifty-four (54) inches above the natural grade with a circumference of forty-eight (48) inches measured just below the first major trunk fork;
  - Any quercus (oak), sequoia (redwood) or cedrus (cedar) tree with a circumference of twelve (12) inches or more when measured at fifty-four (54) inches above natural grade;
  - A tree or grove of trees designated by resolution of the city council to be of special historical value of significant community benefit.
- As defined by the City of Mountain View, replacement trees shall meet the following:
  - Heritage trees removed shall be replaced based on a 2:1 ratio.
- See Arborist Report included as an appendix to Specification 311311. The letter following the tree number designates the area on campus where the tree is found. For letter A, see the Main Campus tree list. For letter B, see the YMCA tree list. For letter C, see the North Garage tree list. For letter D, see the Melchor Pavilion tree list. Please note, the letter following the number is not shown on the tree tags in the field.

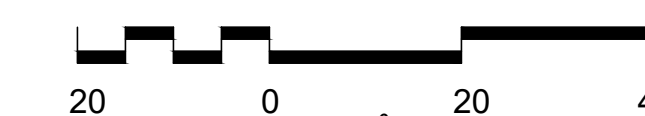
HERITAGE TREE SUMMARY

Number of Trees to be Removed 9  
Number of Trees to be Relocated 0  
Number of Trees to be Planted 18

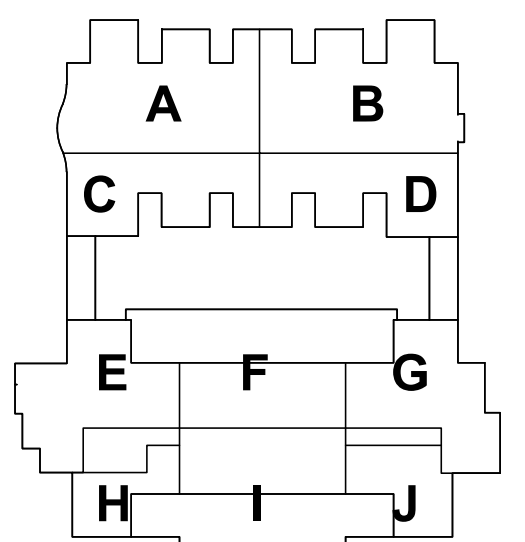
HERITAGE TREE REMOVAL LEGEND

Species	Tree ID Number	Size DBH	Canopy Dia	Circumference	Heritage
Canary Island Pine	188A	15"	30'	95'	Y
Canary Island Pine	189A	17"	30'	95'	Y
Canary Island Pine	190A	17"	30'	95'	Y
Canary Island Pine	583A	19"	30'	95'	Y
Canary Island Pine (*)	584A	16"	30'	95'	Y
Canary Island Pine	585A	19"	30'	95'	Y
Canary Island Pine (**)	586A	19"	30'	95'	Y
London Plane Tree	588A	18"	30'	95'	Y
London Plane Tree	604A	16"	45'	142'	Y

(\*) Removed after 2015 survey & prior to construction  
(\*\*) Removed earlier during construction via Bid Addendum







MARK	DATE	DESCRIPTION
4	06-01-2020	Constructibility Comments
26	08-13-2021	ASI-11
44	12-24-2021	ASI-22
60	01-14-2022	PAD #0025
158	08-18-2022	ASI-76
273	07-28-2022	ASI#0138 (NMA#0090)

Project Number 1005564  
Issue Date AUGUST 21, 2020

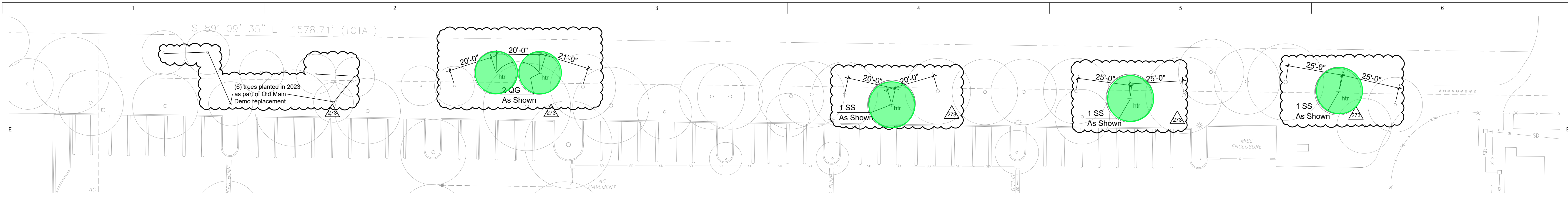


Sheet Name  
**PLANTING PLAN**

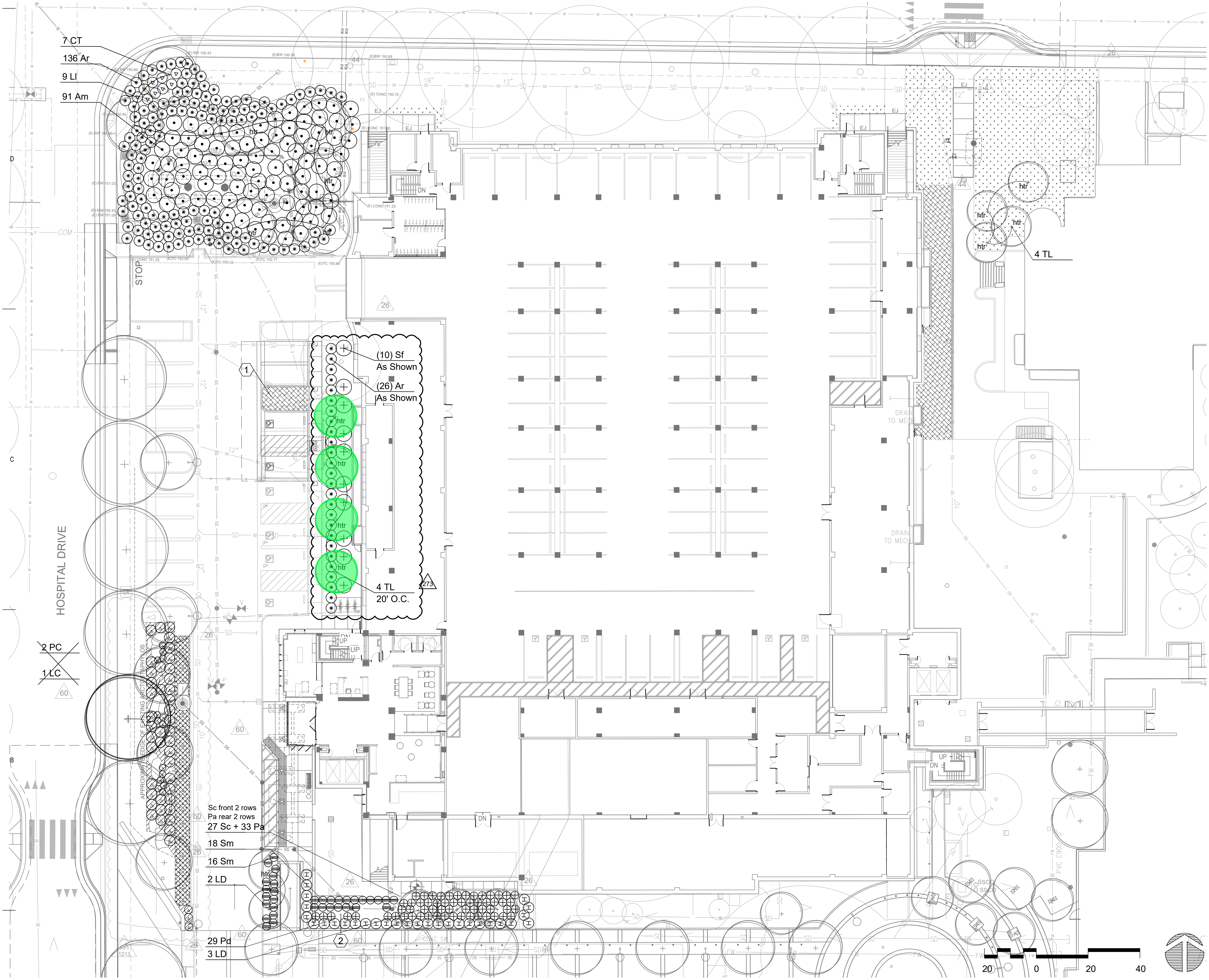
Scale  
1"=20'-0"

Sheet Number  
**L-5.0**

Project Status  
100% CONSTRUCTION DOCUMENT - OSHPD SUBMISSION



**2 YMCA Parking Lot Planting (Replacement Trees)**  
1" = 20'-0"



**PLANT LEGEND**

*WUC	SYM/ ABBREV.	BOTANICAL NAME	COMMON NAME	SIZE	QTY**	CHARACTER
<b>Trees</b>						
L	CT	Chitalpa tashkentensis 'Morning Cloud'	Chitalpa	24" Box	7	Standard, Specimen
L	LD	Lagerstroemia 'Dynamite'	Crepe Myrtle	24" Box	5	Multi-stem, Specimen
L	PC	Pistacia chinensis	Chinese Pistache	36" Box		Standard, Specimen
L	LC	Lophostemon confertus	Brisbane Box	36" Box		Standard, Specimen
M	NS	Nyssa sylvatica	Tupelo	24" Box		Standard, Specimen
M	TL	Tristania Laurina 'Elegant'	Water Gum	24" Box	4	Standard, Specimen
M	TL	Tristania Laurina 'Elegant'	Water Gum	24" Box	4	Standard, Specimen
VL	QG	Quercus agrifolia	Coast Live Oak	24" Box	2	Standard
H	SS	Sequoia sempervirens	Coast Redwood	24" Box	3	Standard
<b>Shrubs &amp; Perennials</b>						
L	Pa	Perovskia atriplicifolia 'Little Spires'	Dwarf Russian Sage	6.5 Gal.	@ 3' o.c.	
L	Sc	Senecio cineraria	Dusty Miller	5 Gal.	@ 3' o.c.	
L	Pd	Polygala x dalmaisiana	Sweet Pea Shrub	5 Gal.	@ 4' o.c.	
L	Sm	Senecio mandraliscae	Kleinia	1 Gal.	@ 3' o.c.	
L	Ar	Arctostaphylos 'Emerald Carpet'	Emerald Carpet Manzanita	5 Gal.	@ 4' o.c.	
L	Am	Arctostaphylos 'Pacific Mist'	Pacific Mist Manzanita	5 Gal.	@ 6' o.c.	
L	LI	Lomandra longifolia 'Nyalia'	Nyalia Mat Rush	5 Gal.	@ 4' o.c.	
L	Sf	Salvia leucophylla 'Figuroa'	Figuroa Purple Sage	5 Gal.	@ b o.c.	

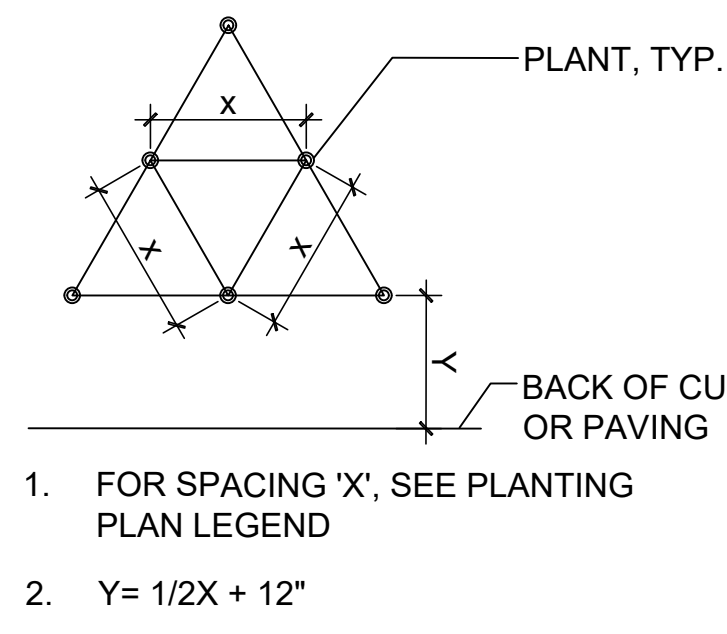
Mulch: Install mulch following replacement of in kind planting per Reference Note 1. Depth 3" Min. See Specifications  
Area to be Resodded. Limits to be determined in field to follow limit of construction impact.

24" Box Replacement Trees for removed Heritage Trees:  
See Sheet L-1.0

\*\* Verify quantities with trees shown on the Drawings

**\* WATER USE CATEGORY (WUC) KEY**  
WUCOLS Region Applicable to this Project: REGION 1  
H High  
M Moderate  
L Low  
VL Very Low  
NL Species Not Listed  
\* from: Water Use Classification of Landscape Species,  
A Guide to the Water Needs of Landscape Plants (WUCOLS)  
Revised 2014, California Center for Urban Horticulture, University of California,  
Davis, L.R. Costello, K.S. Jones

**GROUND COVER SPACING AND PLANTING SETBACK DIAGRAM**



**GENERAL NOTES**

- All planting areas to receive pre-emergent herbicide.
- Prepare, amend, and fertilize existing soil per Specifications. Import topsoil per Specifications.
- Pre-mix amendments into soil before backfilling plant pits - do not mix inside pits. Break large clods into small pieces.
- Weed mat to be placed under cobble and mulch.
- Install headerboard per Specifications.
- Install root barrier panels around trees planted within 5' of foundations, walls, and curbs, and in all planters in paved areas. See Specifications Landscape Architect to approve layout BEFORE plant layout commences.
- Landscape Architect to approve layout of all plants BEFORE planting commences.
- Distance of plantings from adjacent walks, curbs, walls etc. shall be equal to the plant spacing, min.
- Install mulch to all planting areas, 3" depth minimum.

**REFERENCE NOTES**

- Replace in kind any plants damaged during construction.
- Protect existing tree per approved Submittal. Any root cutting / pruning under supervision of approved arborist. Cover exposed root areas with burlap and hand water to keep moist during construction.

**GENERAL NOTES - GRADING**

- In planting / mulched areas, finished grade after amending and/or topsoil import shall be 1" below edge of sidewalk and walkways, and 2" below rims of all utilities. Minor localized adjustments to finished grades are permitted to meet this criteria with smooth conforms to designed finished grades. Minor utilities such as valve boxes and clean outs that cannot be accommodated in this manner are to be adjusted to grade.
- Ensure positive drainage away from buildings, structures, vault covers and other utility rims not designed to drain surrounding landscape area.

