

NOTE: NEW PLANTING TO BE UNDER PLANTED WITH VINCA MINOR PERENNIAL

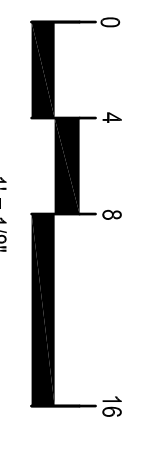
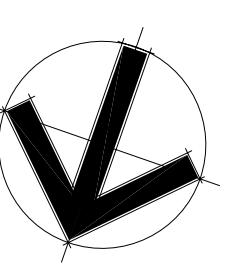
PLANTING LEGEND

SYM	BOTANICAL / COMMON NAME	SIZE	QTY	NOTES
	NEW SODDED TURF			
	ERADICATE EXISTING TURF AND WEEDS.			
	AMEND SOIL AND ROTOTILL EXISTING AREA			
	ACANTHUS MOLLIS / ACANTHUS	5 GAL.	7	
	ASPIDISTRA ELIATOR / VARIEGATED CAST IRON PLANT	1 GAL.	38	
	CAMELLIA X BUTTERMINT / BUTTERMINT CAMELLIA	5 GAL.	8	
	HEUCHERA TIMELIGHT / CORAL BELL HYBRID	1 GAL.	23	
	LIRIOPE GIGANTE / GIANT LIRIOPE	1 GAL.	32	
	VINCA MINOR ATROPURPUREA / WINE COMMON PERIWINKLE	FLATS		UNDER PLANT ALL AREAS, 6" O.C.

NOTE: RESEED TURF AREAS ADJACENT TO WORK THAT WERE DAMAGED DURING CONSTRUCTION.

TREE PROTECTION NOTES

- 1. "PROTECTED ZONE" FOR EXISTING TREES:** Before beginning any Demolition or Construction operations, the Contractor shall install temporary fencing around all existing trees within the Construction Zone that are to be saved. The fence shall be installed no closer to the tree than the edge of the tree's Protected Zone, generally defined as the area beginning five feet outside of the tree's dripline and extending towards the tree (or as far away from the trunk as practicable). The fencing shall be a minimum 4' High, Orange Round Mesh Safety Fence with all necessary supports and ties. All Contractors and their crews shall only be allowed inside this "Protected Zone" to conduct the work described in the plans and in accordance with these notes. At no time shall they be allowed to store or dump foreign materials within this area. All work within the Protected Zone shall be avoided except as described below. The fencing shall remain around each tree to be saved until the completion of construction operations. The Contractor is responsible for maintaining the fencing for the duration of the project, including complete replacement in the event of weather events, vandalism or other unforeseen circumstances. The protection of the trees is not negotiable and must be maintained at all times during Construction.
- 2. TEMPORARY MULCH:** To alleviate soil compaction in anticipated areas of high construction traffic, and only where fencing cannot be set five feet outside of the dripline, the Contractor shall install a layer of mulch, 3"-12" thick, over all exposed earth from the tree trunk to 5' outside of the dripline. This layer shall be maintained at all times during construction. When planting operations are completed, the mulch shall be redistributed throughout all planting areas in a 3" thick "perennial" mulch layer.
- 3. NECESSARY WORK:** When it becomes necessary to enter the "Protected Zone", such as for demolition, fire grading, irrigation installation, and planting operations, the Contractor shall strictly adhere to the following rules:
 - Every effort shall be made to preserve the existing grade around large trees in as wide an area as possible.
 - Trenching within the Protected Zone of existing trees shall be performed by hand, and with extreme care not to sever roots 1/2" in diameter and larger. Where roots 1/2" in diameter and larger are encountered, the Contractor shall tunnel under said roots. Exposed roots that have been tunneled under shall be wrapped in wet burlap and kept moist until the trench is open.
 - Where roots 1/2" in diameter or larger must be cut due to extensive grade changes, those roots must be exposed by hand digging and cut cleanly. Ragged cuts generally do not heal properly, and may leave the tree open to pests and pathogens.
 - Where trenching near trees has already occurred from previous construction operations, the Contractor shall make every effort to confine his trenching operations to the previously-created trenches, while adhering to the conditions set forth in 3B.
 - Removal of the turf within the Protected Zones should be conducted so that there is minimal disturbance to the tree root systems. Machine cutting and rolling is not acceptable, as it can result in damage to the root systems.
- 4. POTENTIAL CONFLICTS:** The Contractor shall notify the Owner and project Arborist should any potential conflicts arise between these Specifications and/or large roots encountered in the field, and Construction operations. The Contractor shall not take any action in such conflicts without the Arborist's written approval. The Arborist shall have final authority over all methods necessary to help ensure the protection and survival of existing trees.
- 5. PRUNING:** Prune only the trees that are indicated on the Plans as requiring pruning. Prune trees according to International Society of Arboriculture / ANSI A300 Standards.
 - Remove all dead wood.
 - Prune live wood for health or structural reasons only, including the need to eliminate diseased or damaged growth, eliminate structurally unsound growth, reduce the potential for wind topping or wind damage, or to maintain growth within limited space. Do not remove more than 25% of any tree's live foliage in any one growing season. Prune only to International Society of Arboriculture/ANSI A 300 Standards, and only under the direct supervision of a Certified Arborist.
 - Final cuts shall be made just outside the shoulder ring area. Extremely flushed cuts which produce large wounds and weaken the tree at the cut shall not be made.
 - All trimming cuts shall be performed in such a manner and promote the natural growth and shape of each tree species.
 - Improper pruning methods including, but not limited to, "topping", "tipping", "heading back", "dehorning", and "limbaling" will not be allowed.
 - Only sterilized tools shall be permitted for use in these operations.
 - Should the Contractor require more information, the Contractor shall contact the ISA at (217) 355-9411 for a copy of the ANSI A300 Pruning Standards. Contractor shall adhere to the methods and practices set forth in this document.



REVIEW BY STAFF	BY	DATE
TRAFFIC		
WATER		
SEWER		
PLANNING		
APPROVED BY		

RCE
 JAMES BELL - DIRECTOR OF PUBLIC WORKS
 CITY OF RANCHO PALOS VERDES
 DATE _____

Withers Sandgren
 Landscape Architecture

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 & PLANNING

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SHEET TITLE

**PLAY AREA
 PLANTING PLAN**

PROJECT TITLE

**FRED HESSE JR. PARK
 GENERAL IMPROVEMENTS
 HAWTHORNE BLVD.
 RANCHO PALOS VERDES, CA**

REVISIONS	DATE
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DRAWN BY: DHP/BN
 CHECKED BY: LW
 PROJECT NO. 0726
 DATE: 6/15/2009

REGISTERED LANDSCAPE ARCHITECT
 LICENSE NO. 10000
 STATE OF CALIFORNIA

6/15/2009

SHEET 6 OF 8
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