PARKS AND RECREATION COMMISSION, SEPTEMBER 24, 2014

90% Submittal 09/17/14

SCALE:

Know what's

NO PRUNING OF TREE CANOPIES WILL BE ALLOWED FOR THE INSTALLATION OF THE SOUND WALLS. MONITORING AND WATERING AS NECESSARY.

ANY ROOTS THAT ARE ENCOURAGED FROM WOODY TREES DURING UTILITY TRENCHING SHALL BE CLEANLY CUT SOUND-WALL AND DURING UTILITIES EXCAVATION WILL BE ADEQUATE, INSTEAD OF FENCING OUTSIDE OF THE SOUND WALL. CLEAN CUT ROOTS. IRRIGATE SOIL PROFILE IN TRENCHING SITES.

PRIOR TO THE START OF THE PROJECT, REMOVE OR RELOCATED TREES INSIDE PROPOSED SOUND WALL AREA.

PRIOR TO SET UP OF SOUND WALL AND INGRESS OF EQUIPMENT, INSTALL TEMPORARY CHAIN LINK FENCES.

PRIOR TO EXCAVATION OF TRENCHES FOR UTILITIES OUTSIDE OF THE SOUND WALL, INSTALL TEMPORARY PROTECTED INSIDE OF THE SOUND WALL. THESE AREAS ARE TREE PROTECTION ZONES THAT SHALL BE VOID OF ACTIVITIES, DUMPING, AND STORAGE OF MATERIALS.

ONCE THE SOUND-WALL IS IN PLACE, REMOVE FENCES OUTSIDE, BUT RETAIN THE FENCING INSIDE.

PRIOR TO EXCAVATION OF TRENCHES FOR UTILITIES OUTSIDE OF THE SOUND WALL, INSTALL TEMPORARY PROTECTED INSIDE OF THE SOUND WALL. THESE AREAS ARE TREE PROTECTION ZONES THAT SHALL BE VOID OF ACTIVITIES, DUMPING, AND STORAGE OF MATERIALS.

REFER TO CIVIL ENGINEER'S PLANS.

REFER TO ARBORIST'S TREE PROTECTION FENCING AT THE DIRECTION OF THE CITY OF SANTA BARBARA.

REPLACE DAMAGED PORTIONS OF THE EXISTING LAWN AND EXISTING SHRUBS. PROTECT IN PLACE.

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ARBORESTR’S FIELD REPORT ALAMEDA WELL RELLOCATION PROJECT

September 15, 2014

Prepared by: Bill Spiewak American Society of Consulting Arborescent No. 101 Certified Master Arborist No. 38057 International Society of Arboriculture 5371 San Jose Lane, Santa Barbara, CA 93105 (805)305-9752 | bill@spiewak.com

SUMMARY

The well in East Alameda Park needs to be relocated approximately 100’ to the west of its current location. The site is in a park with live oak trees. As a result, it was requested that these project parameters be reviewed, observed, and protected, relocated, or removed as necessary.

I have determined that one dead pine will need to be removed, three other live trees (one palm and two birds of paradise) will need to be removed, and one palm (Diosma species) will be relocated.

This report identifies trees within the parameters of construction and provides recommendations for protection. Figured dimensions are for the wall only. Figure plan to include with final copies of this report or as a pdf in the electronic version.

ATTACHMENT 2 - PARKS AND RECREATION COMMISSION, SEPTEMBER 24, 2014

Arborist’s Field Report

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Bill Spiewak – Consulting Arborist

 Arborist Field Report Project

September 15, 2014

Arborist Field Report Project

September 15, 2014

BACKGROUND/ASSIGNMENT

The City of Santa Barbara has contracted with Pueblo Water Resources, Inc. and a team of sub-contractors including MHA Engineers to relocate the existing well siting the new well. MHA Grove Environmental, Inc., a consulting environmental organization, is providing arborist services to the City. Pueblo Water Resources, Inc. is a consulting arborist firm with a proven track record for arboricultural design consultations.

The purpose of the report is to address the potential impact the tree-related work will have on or in the vicinity of the site. The report is intended to provide a description of the trees in the vicinity of the well and the site, and to provide recommendations for the protection of the trees during the construction of the new well.

Use of Report

This report provides the necessary information to protect the trees within the project parameters.

OBSERVATIONS

The Site and Trees

The site is located on Arborist’s Field Report Park, on the site of which two live oak trees, two live oak trees, and two live oak trees are located. The live oak trees are located on the south side of the site, while the dead oak trees are located on the east side of the site. The live oak trees are located in the vicinity of the east wall of the parking lot. Due to the construction of the parking lot, the live oak trees will need to be removed.

The Project

The project will consist of the installation of a new well. The new well will be located at the location of the existing well. The new well will be constructed using the methods outlined in the plan for the project.

Due to the construction requirements, the wall will be relocated and the trees will be protected. The construction of the new well will be completed in a manner that will minimize the impact on the trees.

Bill Spiewak – Consulting Arborist
CONCLUSIONS

1. Five trees will be removed, one dead and one live path, and two kind of palms will be retained.
2. Tree protection measures will adequately protect those trees to be retained, which are the most valuable and well-grown.
3. Any of the trees will be on a designated special or historic tree.

TREE PROTECTION MEASURES

In order to complete the project, the following tree protection measures will be taken:
1. A hardhat will be installed and suitable trees will be protected with a hard hat.
2. Trees will be protected with a single layer of plastic and a hard hat will be installed.
3. Trees will be protected with a hard hat using a hard hat in a plastic bag and a hard hat with a hard hat in a plastic bag.
4. Trees will be protected with a hard hat using a hard hat in a plastic bag and a hard hat with a hard hat in a plastic bag.

RECONNAISSANCE MAP

The site will be surveyed to determine the exact location of the trees to be protected. The trees will be surveyed using a hard hat and a hard hat in a plastic bag.

ARBOSET DISCLOSURE STATEMENT AND CERTIFICATION OF PERFORMANCE

I certify that the arborist has the knowledge, training and experience to perform the work required to protect the trees as described in this report. The arborist shall be responsible for the accuracy and completeness of the report.

Signed:

Bill Spaware
Consulting Arborist

Bill Spaware - Consulting Arborist
**CALIFORNIA ASSEMBLY BILL NO. 392**

**PLANT PALETTE - Alameda Park**

**CONTRIBUTIONS**

**CONTRACTORS**

**CONTRACTORS**

**SCREENING AND REPORTING**

**ATTACHMENT 2 - PARKS AND RECREATION COMMISSION, SEPTEMBER 24, 2014**
**Planting Details**

1. **SHRUB PLANTING**
   - Plant spacing
   - Set shrub 1' above rise of soil
   - Use amended backfill mix per specs
   - Use rootball
   - Use of drip irrigation (if required)

2. **PLANT SPACING**
   - Use amended backfill mix per specs
   - Use rootball
   - Use of drip irrigation (if required)

3. **TREE PLANTING**
   - Palm tree planting
   - Use rootball backfill mix, see note
   - Set rootball crown 2" above finish grade
   - 3" deep watering basin
   - 18" deep root line linear root barrier, installed per manufacturer's specs
   - Model: UB 18-2
   - Color: Black
   - Distance varies, see plan
   - 2x rootball width
   - Note: TIE PALM FRONDS WITH ORGANIC TWINE PRIOR TO PLANTING.

4. **PALM TREE PLANTING**
   - Use rootball backfill mix, see note
   - Set rootball crown 2" above finish grade
   - 3" deep watering basin
   - 18" deep root line linear root barrier
   - Model: UB 18-2
   - Color: Black
   - Distance varies, see plan
   - 2x rootball width
   - Note: TIE PALM FRONDS WITH ORGANIC TWINE PRIOR TO PLANTING.

**Additional Instructions**

- Backfill mix shall be as follows:
  - Bailed & burlapped palms: 100% washed plaster or concrete sand
  - Boxed palms: 50% washed plaster or concrete sand and 50% site soil

- Backfill mix shall be installed if tree is within 5' of hardscape.

- Contractor to obtain at least 80% compaction in the planting pit.

- Contractor to obtain at least 80% compaction in the planting pit.

- Contractor to saturate backfill during and after planting by water jet.

- Contractor to view with landscape architect in the field.

- Contractor to obtain at least 80% compaction in the planting pit.

- Set rootball on 6" backfill 6" dia. x 4' deep drain pit - fill with 3/4" crushed drain rock.

- Set crown 1" above rise of soil

- Use amended backfill mix to keep width of plant at 3728

- Use rootball

- Use of drip irrigation (if required)

- Note: Triangulate plantings on drawings.

- The distance of specified spacing.

- Limit of groundcover at paving main stem of new infill plants as required to maintain spacing @ irregular edges.
*NOTE: VALVE BOX TO BE INSTALLED AS TO ALLOW FOR PROPER OPERATION OF BALL VALVE. MAINLINE ISOLATION VALVES MAY REMAIN IN PLACE AFTER CONSTRUCTION IS COMPLETE.*

7 SCH 80 PVC BALL VALVE

4 Emitter

1 Drip Assembly

2 Temporary Cap for Irrigation

3 Drip Tubing Layout

6 Splice Box

9 Automatic Irrigation Valve, Temporary

1. INSTALL DRIP DISTRIBUTION TUBES ALONG SLOPE CONTOUR.
2. INSTALL PVC OR BLU-LOCK HEADERS PERPENDICULAR TO SLOPE.
3. QTY. PER SCHEDULED PLANTING PLAN.
4. REFER TO SPECIFICATION SHEET FOR INSTALLATION DETAILS.

8 Quick Coupler, Temporary

5 Drip Transition/Drip Zone Control, BLU-LOCK

Draft 10/27/14

Kimberly A. True, MLA

2014-01058

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