











Sen Jose Office October 23, 2018 Report 18-283-0101

John Aldrich & Associates Landscape Architects 609 Price Ave. Suite 207 Redwood City CA 94063

RE: 2390 Lafayette Avis, Santa Clara, Job #2018-1034

Background

One sample was processed on October 10, 2018 identified as alte soil from a depth of 6 inches from an area where new inndecaping is scheduled for installation. Fertilizer and amendment recommendations were requested. The sample was analyzed for horizontarial suitability, fertility, and physical characteristics. The results of the analyses are attached.

The reaction of the sample is slightly alkaline at a pH of 7.1 with qualitative time favorably low. This is within the range preferred for most plants.

According to the USDA Soil Classification system, the testure of the less than 2mm fraction of the soil is classified as loam. Organic matter content is moderate at 4.0% day weight. The 30.1% gravel present classifies this matterain at a gravelly. Based on this information the estimated oritization rate is moderate at 0.22 inch per hour. Infiltration rates may viery due to officenose in compaction across the site.

In terms of soil fortility, all of the major nutrients are sufficient for proper plant nutrition at this time. Or the micronutrients copper, after and manganese are sufficient to abundant and ion is low. After planting, nitrogen is the first nutrient that will require supplementing and this should be applied as plant color and growth dictates as recommended under Maintenance.

Recommendations

Incorporation of a intropen stabilized organic anendment or composted greenwaste product is recommended in order to improve sell nutrient holding capacity and pressly. If a composted greenwaste amendment is closure, that would growide additional phosphorus and potassium as well as supplemental micronutrients, product depending.

The primary symptom of knot deficiencies is a general yellowing of leaves with viens retaining green. In severe cases, leaves may become pale yellow or whitch, but viets remain green. If men pots may decide place have a remain green and learn may be a remaind probability and the new growth at branch (bys. If these symptoms are present after plant installation they may be instead with an againstance of a children forcountering product after namelations or a children forcountering product after namelations or a children or a children forcountering product after namelations or a commended cert.

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Bedwood City CA 94007



Incorporation of a composted greenwaste amendment would also provide additional micronutrients and may be sufficient to negate any deficiency, product depending.

To Prepare for Mass Planting:
Displace of the root zone should be improved by first loosening the tep 16 inches of any undisturted or compacted soil. The following materials should then be evenly spread and thoroughly blended with the log 6 inches of soil to form a homogenous layer:

Amount per 1000 Square Feet.
3 cubic yards. Ntrogen Stabilized Organic Amendmen*

*The rate may change based on the analysis of the chosen organic amendment. This rate is based on 270 bs. of dry weight of organic matter per cubic yard of amendment.

- To freque flackfill for Trass and Brade.

 Exceeding perioring that if each twice as wide as the diameter of the notitial:

 field immediately below the root ball should be left undisturbed to previde support but the sides and the total meanurable the second be solved to established in represe possibly.

 The tips 12 inches of backfill should be solved to the representation of the rootability of the sides and should be solved to the solved the sides of the rootability frees and shrules may consist of the above semewhat soll or may be prepared as following.

- . Backfill below 12 inches required for 24 inch box or larger material should not contain the organic
- amendment.

 Ideally a weed and furl free zone should be maintained just beyond the diameter of the planting flows. A 2-4 inch deep layer of course much can be placed around the tree or shrub. Makin blood be legst a minimum a shorbe from the trush.

 Initiation of new plantings should take into consideration the differing tenture of the receibal auditories of manufacting and marks to maintain adequate militaries and surrounding and marks to maintain adequate militaries during this critical period of

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For but fress, new sold should income a light sectionation 2 means after planting with 1.6-8 applied as a rais of 4 powder price 1000 square thesi, from from sood the application revoked settler the first execution of the planting of the settler than the sood that applied a settler the first maximity. The areas may then be maintained with primarily a nitrogen program of applying 5 pounds of amendment and article 1000 per 1000 squares for first execution primarily a settler of applied to the settler applied to the settler of the settler applied to the settler and the 15-15 to help inser continuing adequate spectrum a settler data applied to the settler and the 15-15 to help inser continuing adequate spectrum as and potations.

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rate of 5 pounds per 1000 square feet <u>boolerons after allorities as plant color and virous discusses</u> with referritation every 4500 days. Memahalvy, dev reliaises faith? Coardo Unia (15-00) may be applied at excellabled the level-proof referration about the developed depending no color and rate of growth desired. In the garing and till substitute a complete ferritable such as 16-6-5 to help insure continuing adoquate phraphyrous and potassium.

Alternatively, Blood Meal (12-00) provides available nitrogen fairly rapidly while materials such as Feather Meal (12-00), Spylean or Cotton Seed Meal (17-11) are slower to provide available intropen, but for a 3-4 month the internal exponent contension would be flower sports Blood Meal and I Sprand's Return Meal per 1000 source Seet. In the fall and spring, substitute a complete organic fortilize such as 5-5-5 applied at the manufacture's bide risk or C, nutrient risk composite generation are by spread in a 1-bid 2-bid layer, which generally carries enough nutrition to boost complete nutrition though a source of inforper might also be added a 2-bid after the sames deep used.

If we can be of any further assistance, please feel free to contact us.

Annmarie Lucchesi

Emailed 4 Pages: john aldrich-lailleboolobal net

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Report No. 18-283-0101 Purchase Onder: Date Recd. 10/10/2018 Date Printed: 10/23/2018 Page: 1 of 1 COMPREHENSIVE SOIL ANALYSIS TEC Qual Sufficiency Fectors

Waypoint W



AVIS-BUDGET DATE: OCTOBER 2018 SCALE: 1" = 10'-0" DRAWN BY: PROJECT#

CAR/TRUCK RENTAL FACILITY

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REVISIONS

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S ANALYS

SOIL

JOHN ALDRICH & ASSOCIATES LANDSCAPE ARCHITECTS

6-3-19

18-1034 L-4.0 TOTAL SHEETS: 5

SHEET