Rancho Santiago Community College District
Sustainable RSCCD Committee

November 18, 2020
Zoom Meeting: https://cccconfer.zoom.us/j/91334405361
3:00 – 4:00 p.m.

Agenda

1. Introductions
2. Meeting Notes of September 16, 2020 – Matsumoto
3. Sustainable RSCCD Committee Purpose, Responsibilities and Membership - Matsumoto
4. Reuse for Better Use Initiative for Plastic Reduction – Matsumoto
5. Draft 2018-2020 Biennial Sustainability Report and Sub-Work Group – Matsumoto
6. College Updates

   Santiago Canyon College – Satele

   Santa Ana College – Hoffman
7. Landscaping Standards – Matsumoto
8. Other

Next Meeting:
March 17, 2020
3:00 p.m.
Executive Conference Room #114

Mission Statement
The mission of the Rancho Santiago Community College District is to provide quality educational programs and services that address the needs of our diverse students and communities.

The mission of Santa Ana College is to inspire, transform, and empower a diverse community of learners.

Santiago Canyon College is an innovative learning community dedicated to intellectual and personal growth. Our purpose is to foster student success and to help students achieve these core outcomes: to learn, to act, to communicate and to think critically. We are committed to maintaining standards of excellence and providing the following to our diverse community: courses, certificates and degrees that are accessible, applicable, and engaging.

sustainable rsccd

Rancho Santiago Community College District

Sustainable RSCCD Committee

Meeting Notes

September 16, 2020

Members:	Carri Matsumoto	Present
	Bart Hoffman	Present
	Arleen Satele	Present
	Jim Kennedy	Absent
	Angela Guevara	Absent
	Mary Mettler	Present
	Aggie Sehm	Absent
	Ambar Nakagami	Present
	Simone Wolfe	Present
	Jocelyn Montiel	Present

Assistant Vice Chancellor Carri Matsumoto convened the meeting at 3:05 p.m.

1. Introductions
   Committee members introduced themselves.

2. Meeting Notes of May 20, 2020
   Ms. Matsumoto noted the meeting notes from the May 20, 2020 meeting were attached to the agenda for today's meeting.

3. Reuse for Better Use Initiative for Plastic Reduction
   Ms. Matsumoto asked the committee if they wanted to continue to focus on the campaign of reducing plastic use or change the campaign. The committee agreed that they wanted to continue to focus on this initiative next year and also focus on reducing paper use. Mr. Hoffman asked if anyone knew how to dispose of batteries. Ms. Matsumoto and Ms. Nakagami said they give their batteries to Risk Management to dispose.

4. Revised Updated Programs, Projects and Planning List
   Ms. Matsumoto noted the final list from the last meeting was approved and attached to the agenda for today's meeting and has been posted on the Sustainability website. This

list was developed when the first sustainability plan was adopted and gets reviewed and updated by the committee.

5. Draft 2018-2020 Biennial Sustainability Report and Sub-Work Group
   Ms. Matsumoto noted that the next biennial sustainability report is currently being drafted and asked if the colleges could provide some updates to include in the report and if another committee member could help assist with the draft. Ms. Nakagami said she could assist with gathering information for SCC.

6. College Updates
   Ms. Satele noted the next SCC Facilities Committee meeting is next week and had no updates. Mr. Hoffman had no updates for SAC.

7. Landscaping Standards
   Ms. Matsumoto noted this item could be discussed at the next meeting and that the landscaping palette should be updated because it has been a while and much of the ground cover in the current palette attracts bees.

8. Other
   Mr. Hoffman inquired if the Sustainable Resources Committee and Physical Resources Committee can be combined into one committee. Ms. Matsumoto stated she would discuss this with the Chancellor because this is an ad-hoc committee and the Sustainability Plan was adopted by the Board of Trustees which is supposed to be monitored by this committee as we have different committee goals and objectives than the Physical Resources Committee.

9. Next Meeting Date
   The next meeting will be held on Wednesday, November 18, 2020, at 3 p.m. in the Executive Conference Room (#114) at the District Office or via Zoom.

Meeting Adjournment: 4:04 p.m.

Sustainable RSCCD Committee Meeting
Wednesday, November 18, 2020

Purpose
The Sustainable RSCCD Committee is a participatory governance committee, working with the campus committees, responsible for raising awareness within the district and making recommendations to the Chancellor concerning the conservation of energy and other resources and the implementation of sustainability practices that impact the district and community.

Responsibilities
- Promote and nurture new patterns of thinking about college and district operations, practices, learning programs, support services and the relation to the local community that include consideration of conservation of energy and sustainability.
- Develop a comprehensive plan to achieve climate neutrality.
- Create institutional structures and identify resources relating to conservation of energy and sustainability to guide and support the implementation of the comprehensive plan.
- Complete an inventory of all greenhouse gas emissions and update that inventory.
- Encourage the development of curriculum that raises awareness about climate neutrality and sustainability and that offers a career path to employment in "green" technologies.
- Review the status of and develop objectives related to improving and maintaining the "green infrastructure" of the district and colleges.
- Provide periodic progress reports on the accomplishments of the committee.

Current Sustainable RSCCD Committee Membership as of 2020		
Santa Ana College	**Santiago Canyon College**	**District Office**
Bart Hoffman (Vice President, Administrative Services)	Arleen Satele (Vice President, Administrative Services)	Carri Matsumoto (Asst. Vice Chancellor, Facility Planning, District Construction & Support Services) - Chair
Jim Kennedy (Vice President, Continuing Education)	Jim Kennedy (Vice President, Continuing Education)	
Vacant (Faculty) Vacant (Faculty)	Angela Guevara (Faculty) Mary Mettler (Faculty)	
Aggie Sehm (CSEA)	Ambar Nakagami (CSEA)	Simone Wolfe (CSEA)
Samanta Errera (Student) Vacant (Student)	Jocelyn Montiel (Student) Vacant (Student)	

District Representatives
- Chancellor
- Assistant Vice Chancellor, Facilities – Chair

College Representatives
- Vice President, Administrative Services – SAC
- Vice President, Administrative Services – SCC
- Vice President, CEC

- Vice President, OEC

Faculty Representatives*

- Two faculty members as appointed by the SAC Academic Senate
- Two faculty members as appointed by the SCC Academic Senate

Classified Representatives*

- Four classified representatives as appointed by CSEA

Student Representatives

- Two students as appointed by the SAC Associated Student Government
- Two students as appointed by the SCC Associated Student Government

* If possible, faculty and classified representatives will be appointed to a two year term. To ensure committee continuity, the terms will be staggered. Initial appointment by half of the representatives will be for a two year term and the other half of the representatives will be for a three year term.

RANCHO SANTIAGO
COMMUNITY COLLEGE DISTRICT

Facility Design Standards

Appendix B
Approved Landscape Planting List and Details

October 8, 2020

TABLE OF CONTENTS

Approved Landscape Planting List

A. Planting Criteria:

a. Additions to the plant selection below will be considered through the Variance Request process and proposed species must exclude highly flammable plants, high level allergen trees, plants that attract bees, plants with poison potential, or emit biogenic emissions. Limit plants with stickers or thorns to inaccessible areas to students.

b. Select hardy plants that are native and indigenous or adapted to the climate zone, low-water consumptive (water no more than once per week), drought resistant, and low maintenance.

c. Specify plants that are readily available at various local nurseries.

B. Shrubs, Groundcover, and Tree Species Analyzed and Acceptable for Use Within the District Include:

a. Large Shrubs, 3 to 5-foot high **

Scientific Name	Generic Name
1. Ceanothus ‘Celestial Blue’	Celestial Blue Ceanothus
2. Ceanothus ‘Joyce Coulter’	Joyce Coulter Ceanothus
3. Ceanothus thyrsiflorus ‘Skylark’	Blue Blossom Ceanothus
4. Ceanothus ‘Dark Star’	California Lilac
5. Ceanothus ‘Vulia Phelps’	Wild Lilac
6. Galvezia s. ‘Firecracker’	Island Bush-Snapdragon
7. Olea Europaea ‘Little Ollie’	‘Little Ollie’ Dwarf Olive
8. Photinia x fraseri	Photinia
9. Rhaphiolepis indica ‘Clara’	White India Hawthorne
10. Phormium	New Zealand Flax
11. Phormium “Dark Delight”	Red New Zealand Flax
12. Pittosporum tobira	Variegata Mock Orange
13. Salvia clevelandii	Cleveland Sage
14. Salvia leucantha	Mexican Brush Sage
15. Callistemon ‘Little John”	Little John Dwarf Bottlebrush
Note Legend:	
**	*Shrubs and groundcover selection and placement are based on the following criteria:* *1. Poison potential* *2. Allergy Potential* *3. Drought Tolerance*

	4. Maintenance (limited hedging, limited spread, root damage potential) *5. Safety (branch strength, tripping hazards, insect/bee attraction, fire hazard, thorns)* *6. Biogenic emissions*

b. Medium Shrubs and Grasses (2 to 3-foot high) **

Scientific Name	Generic Name
1. Ceanothus g.h. 'Yankee Point'	Carmel Creeper
2. Ceanothus g.h. 'Diamond Heights'	Carmel Creeper
3. Dietes bicolor	Fortnight Lily
4. Dietes iridioides	Fortnight Lily
5. Muhlenbergia capillaris	Pink Muhly
6. Muhlenbergia rigens	Deer Grass
7. Rhaphiolepis indica 'Pink Lady'	Pink Lady India Hawthorne
8. Rosmarinus officinalis	'Prostrata' Prostrate Rosemary
9. Pittosporum tobira 'Wheeler'	Wheeler's Dwarf
10. Rhaphiolepis x delacourii	Georgia Petite
11. Salvia Leucantha 'Santa Barbra'	Santa Barbra Sage
12. Salvia Greggi 'Furman's Red	Red Autumn Sage

Note Legend:

**	*Shrubs and groundcover selection and placement are based on the following criteria:* *1. Poison potential* *2. Allergy Potential* *3. Drought Tolerance* *4. Maintenance (limited hedging, limited spread, root damage potential)* *5. Safety (branch strength, tripping hazards, insect/bee attraction, fire hazard, thorns)* *6. Biogenic emissions*

c. Small Shrubs, Groundcovers, and Succulents (6 inches to 2-foot high) **

Scientific Name	Generic Name
1. Agave Attenuata	Foxtail Agave
2. Anigozanthos 'Bush Gold'	'Bush Gold' Kangaroo Paw
3. Arctostaphylos 'Pacific Mist'	Pacific Mist Manzanita
4. Arctostaphylos uva-ursi 'Point Reyes'	Point Reyes Bearberry
5. Ceanothus G. 'Yankee Point'	'Yankee Point' California Lilac
6. Cotoneaster dammeri	Bearberry Cotoneaster
7. Iris douglasiana	Pacific Coast Iris

Scientific Name	Generic Name
8. Liriope muscari	Big Blue Lily Turf
9. Lobelia Laxiflora	Mexican Lobelia
10. Myoporum parvifolium 'Putah Creek'	Creeping Myoporum
11. Myoporum parvifolium 'Tucson'	Creeping Boobialla
12. Myoporum 'Pacificum'	
13. Myrtus Communis 'Compacta'	Dwarf Myrtle
14. Phormium 'Bronze Baby'	New Zealand Flax
15. Rosmarinus officinalis 'Prostratus'	Creeping Rosemary
16. Rosmarinus officinalis 'Huntington Carpet'	Huntington Carpet Rosemary
17. Rosmarinus officinalis 'Tuscan Blue'	Rosemary, Tuscan Blue
18. Rosmarinus officinalis	Rosemary
19. Salvia officinalis 'Tricolor'	Common Sage
20. Salvia officinalis 'Compacta'	Garden Sage
21. Sedum telephium 'Autumn Joy'	Autumn Joy Stonecrop
22. Sedum rupestre	Crooked Stonecrop
23. Sedum spectabile 'brilliant'	Showy Stonecrop
24. Sedum 'Rosy glow'	Stonecrop
25. Sedum 'Purple emperor'	Autumn Stonecrop
26. Sempervivum tectorum	Common Houseleek
27. Pentas lanceolate 'Rubiaceae'	Star Cluster

Note Legend:

**	*Shrubs and groundcover selection and placement are based on the following criteria:* *1. Poison potential* *2. Allergy Potential* *3. Drought Tolerance* *4. Maintenance (limited hedging, limited spread, root damage potential)* *5. Safety (branch strength, tripping hazards, insect/bee attraction, fire hazard, thorns)* *6. Biogenic emissions*

d. Bioswale Species

Scientific Name	Generic Name
1. Anemopsis californica	Yerba Mansa
2. Juncus patens	Common Rush

Scientific Name	Generic Name
3. Mimulus cardinalis	Scarlet Monkey Flower
4. Sisyrinchium bellum	Blue-eyed Grass

e. Tree Species

Scientific Name	Generic Name
1. Acer Palmatum	Japanese Maple (*Only for shaded areas*)
2. Arbutus Unedo	Strawberry Tree
3. Brachychiton Acerifolius	Flame Tree
4. Brachychiton Populneus	Bottle Tree
5. Cedrus Atlantica	Atlas Cedar
6. Cercidium Floridum	Blue Palo Verde
7. Cercis Canadensis	Eastern redbud
8. Cercis Occidentalis	Western Redbud
9. Chamberlaynii, or Pendula Virdis' only	Eastern Red Cedar
10. Chorisia Speciosa	Floss Silk Tree
11. Citrus Limon*	Meyer Lemon
12. Citrus Paradisi*	Grapefruit
13. Citrus Sinensis	Orange
14. Cupressus sempervirens	Italian Cypress
15. Geijera Parviflora	Australian Willow
16. Handroanthus Chysotrichus	Golden Trumpet Tree
17. Heterpacificomeles Arbutifolia	Toyon, California Holly, Christmas Berry Juniperus virginiana Canaertii or Chamberlaynii or Penduala Virdis
18. Koelreuteria Henryi	Henry Flame Tree
19. Koelreuteria Paniculata	Golden Rain Tree
20. Lagerstroemia indica**	Crape Myrtle or Muskogee or Natchez
21. Macadamia Integrifolia	Macadamia
22. Maytenus Boaria	Maytan Tree
23. Melaleuca Armillaris	Drooping Melaleuca
24. Laurus Nobilis	Sweet Bay
25. Lyonothamnus floribundus	Catalina Ironwood

Scientific Name	Generic Name
26. Nyssa Sylvatica (FEMALE ONLY – CULTIVAR MISS SCARLET)	Sour Gum
27. Olea Europaea 'Swan Hill'	'Swan Hill' Hybrid Olive Tree (Fruitless Olive)
28. Parkinsonia x 'Desert Museum'	'Desert Museum' Hybrid Palo Verde
29. Photinia fraseri	Common Photina
30. Pinus Mugo	Mugo Pine
31. Pistacia Chinensis	Chinese Pistache *(Not good around paving)*
32. Pittosporum rhombifolia	Queensland Pittosporum
33. Pittosporum tobira	Tobira
34. Plumeria Rubra	Frangipani
35. Podocarpus Gracillior (FEMALES ONLY)	Fern Pine
36. Podocarpus macrophyllus	Yew Pine
37. Prosopis Glandulosa 'Maverick'	'Maverick' Hybrid Honey Mesquite (Thornless Honey Mesquite)
38. Prunus Cerasifera	Purple Leaf Plum
39. Prunus lusitanica	Portugal Laurel
40. Prunus Lyonii	Catalina Cherry
41. Prunus Persica	Halford Peach, Peach
42. Pyrus Kawakamii	Evergreen Pear
43. Quercus Ilex	Holly Oak
44. Rhus Iancea	African Sumac
45. Rhus Ovata	Sugarbush
46. Sambucus Mexicana	Hairy Blue Elder
47. Sophora Japonica	Japanese Pagoda Tree
48. Tabebuia Impetiginosa	Purple Tabebuia
49. Thuja Plicata	Western Red Cedar
50. Tipuana Tipu****	Tipu Tree
51. Tristania conferta	Brisbane Box

Note Legend:

*	*These trees are to be used only when specifically included on the project specific scope.*

**	*These trees are to be used only in planter areas where droppings will not occur on walkways.*
***	*Native plant species to be treated with ectomycorrhizal inoculum are to be used only when specifically included on the project specific scope. Refer to Planting Specifications for more information.*
****	*These trees shall not be used near or in parking lots due to sap droppings.*

C. Tree Species Analyzed and Not Acceptable for Use Within the District Include:

Scientific Name	Generic Name	Reason
1. Abies concolor	White Fir	Moist soil, low pH, allergenic
2. Acacia melanoxylon	Blackwood Acacia	Allergenic, root damage potential
3. Acacia cognata	River Wattle	Allergenic
4. Acer macrophyllum	Big Leaf Maple	Allergenic, root damage potential
5. Acer negundo	Box Elder	Moist soil, allergenic, root damage potential
6. Acer saccharinum	Silver Maple	Moist soil, allergenic
7. Aesculus californica	California Buckeye	Allergenic
8. Agonis Flexuosa	Peppermint Tree	Moist soil
9. Albizia Julibrissin	Silk Tree	Allergenic
10. Alnus rhombifolia	White Alder	Moist soil, allergenic, root damage potential
11. Arbutus Marina	Marina Strawberry Tree	Messy fruit litter
12. Arbutus menziesii	Madrone	Doesn't perform well in this region
13. Bauhinia blakeana	Hong Kong Orchard Tree	Moist soil; no other issues
14. Bauhinia Variegata (POISONOUS)	White Orchid	Moist soil
15. Betula nigra	River birch	Moist soil, allergenic
16. Callistemon	Lemon Bottlebrush	Allergenic
17. Calocedrus Decurrens	Incense Cedar	Allergenic, irritant
18. Cassia Excelsa (POISONOUS)	Crown of Gold	
19. Cassia leptophylla	Golden Medallion Tree	Seed poisonous
20. Casuarina cunninghamiana	River She-Oak	Allergenic

Scientific Name	Generic Name	Reason
21. Casuarina equisetifolia	Horsetail	
22. Casuarina stricta	Mountain She-Oak	
23. Catalpa	Common Catalpa	Allergenic
24. Cedrus Deodara	Deodar Cedar	Allergenic
25. Celtis sinensis	Chinese Hackberry	Allergenic
26. Ceratonia siliqua	Carob	Allergenic
27. Ceibainsignis	White Floss Silk Tree	Thorns on trunk
28. Cinnamomum Camphora	Camphor Tree	Moist soil, allergenic, root damage potential
29. Comarostaphylis Diversifolia	Summer Holly	Hard to find
30. Cupaniopsis Anacardioides	Carrot Wood	Fruit makes a mess, moist soil
31. Cupressus glabra	Smooth Arizona Cypress	
32. Cupressus sempervirens	Italian Cypress	Susceptible to canker disease and mites
33. Elaeagnus Angustifolia	Russian Olive	Allergenic
34. Eriobotrya deflexa	Bronze Loquat	Moist soil
35. Eriobotrya japonica	Loquat	Messy fruit litter
36. Fraxinus Dipetala	Foothill Ash, California Shrub Ash	Ruins Paving; Allergenic
37. Fraxinus latifolia	Oregon Ash	Allergenic
38. Fraxinus uhdei	Evergreen, Shamel, Mexican Ash	Allergenic, root damage potential
39. Fraxinus velutina	Modesto Ash	
40. Ginkgo Biloba (FEMALES ONLY)	Miadenhair Tree	Allergenic; females produce messy fruit
41. Gleditsia Triacanthos (FEMALES ONLY)	Honey Locust	Allergenic
42. Grevillea robusta	Silk Oak	Irritant
43. Harpephyllum Caffrum	Wild Plum	Extremely messy fruit
44. Hesperocyparisarizonaca var. glabra	Smooth Arizona Cypress	Allergenic
45. Hymenosporum flavum	Sweetshade	Moist soil, weak branch strength
46. Jacaranda mimosifolia	Jacaranda	Moist soil, irritant,

Scientific Name	Generic Name	Reason
		messy flowers,weak branching
47. Juglans hindsii	California Black Walnut	Large tree, allergenic
48. Juglans nigra	Black Walnut	Allergenic, root damage potential
49. Juglans regia	English walnut	Large tree, allergenic
50. Juniperus californica	California Juniper	Susceptible to canker disease and mites
51. Juniperus occidentalis	Western Juniper	Allergenic
52. Leptospermum	Australian Tea Tree	Invasive, shrubby
53. Ligustrum lucidum	Glossy Privet	Allergenic, invasive
54. Limonium californicum	California Sea Lavender	Shrub, High maintenance
55. Liquidambar	Chinese Sweetgum	Root damage potential-high
56. Liriodendron	Tulip Tree	Most soil, allergenic, aphid infestation prone
57. Malus Sylvetris	European Crabapple	Potentially allergic; needs moist soil
58. Metrosideros	New Zealand Christmas Tree	Poor performance in region
59. Olea europaea	Fruiting Olive	Allergenic, susceptible to Xylella
60. Persea americana	Avacado	High maintenance, moist soil
61. Pinus canariensis	Canary Island Pine	Allergenic
62. Pinus densiflora	Red Pine	Allergenic
63. Pinus pinea	Italian Stone pine	Allergenic
64. Pinus radiata	Monterey Pine	Allergenic, susceptible to Pine Pitch Canker
65. Pinus sabiniana	Gray Pine	Allergenic
66. Pittosporum undulatum	Victorian Box	Allergenic
67. Platanus occidentalis	American Sycamore	Sap droppings
68. Prunus armeniaca	Blenheim Apricot	Allergenic, poisonous
69. Prunus avium	Bing Cherry, Sweet Cherry	Allergenic

Scientific Name	Generic Name	Reason
70. Prunus caroliniana	Carolina Laurel Cherry	Allergenic, poisonous
71. Prunus cerasifera 'Atropurea'	Purple Leaf Plum	Doesn't do well in this region
72. Prunus domestica	Santa Rosa Plum	Allergenic
73. Prunus dulcis	Nonpareil Almond	Allergenic
74. Prunus ilicifolia	Hollyleaf Cherry	Allergenic
75. Prunus serotina	Black Cherry	Poisonous
76. Prunus subcordata	Sierra Plum	Allergenic
77. Prunus virginiana	Choke Cherry	Allergenic, poisonous
78. Pseudotsuga macrocarpa	Bigcone Douglass-Fir	Doesn't do well in this region
79. Pyrus calleryana	Flowering Ornamental Pear	Allergenic
80. Pyrus communis	Pear	Allergenic
81. Quercus Kelloggii	California Black Oak	Allergenic, poisonous
82. Quercus Lobata	Valley Oak	Allergenic, poisonous
83. Quercus suber	Cork Oak	Allergenic, poisonous
84. Quercus Wislizenii	Interior Live Oak	Allergenic, poisonous
85. Quercus, Agrifolia	Coast Live Oak	Allergenic, poisonous
86. Rhaphiolepis	Majestic Beauty, Indian Hawthorne	Moist Soil
87. Rhaphiolepis indica	Indian Hawthorne	
88. Robinia pseudoacacia	Black Locust	Allergenic, poisonous
89. Sambucus caerulea	Blue Elderberry	Allergenic
90. Sambucus callicarpa	Red Coastal Elderberry	Allergenic, poisonous
91. Sapium sebiferum	Chinese Tallow Tree	Allergenic, poisonous
92. Schinus molle	California Pepper, Peruvian Pepper	Allergenic, irritant
93. Sequoia sempervirens	Coast Redwood	Allergenic, Doesn't do well in this region
94. Stenocarpus sinuatus	Firewheel Tree	Moist Soil, low pH
95. Torreya californica	California Nutmeg	Allergenic
96. Ulmus americana	American Elm	Allergenic
97. Ulmus parvifolia	Chinese Elm	Allergenic
98. Zelkova serrata	Sawleaf Zelkova	

D. Shrub and Ground Cover Species Analyzed and Not Acceptable for Use Within the District Include:

Scientific Name	Generic Name	Reason
1. Bulbine Frutescens	Bulbine	Not surviving
2. Carissa Macrocarpa	Green Carpet Natal Plum	Too thorny
3. Cistanthe Grandiflora (Calandrina Grandiflora)	Rock Pulsane	Not surviving; high maintenance after flowering period
4. Dudleya virens	Catalina Island Dudleya Bright Green Dudleya	Not surviving; high maintenance after flowering period
5. Lantana Mix	Lantana 'Sunburst', 'Montividensis', & 'Alba'	Too fast growing and takes over other plants
6. Rhamnus Californica 'San Bruno Mound'	'San Bruno Mound' Hybrid California Coffeeberry	Tough to establish, requires perfect conditions
7. Rhus Integrifolia	Lemonade Berry	Tough to establish, requires perfect conditions

Planting & Irrigation Details

(Please refer to the following five details)

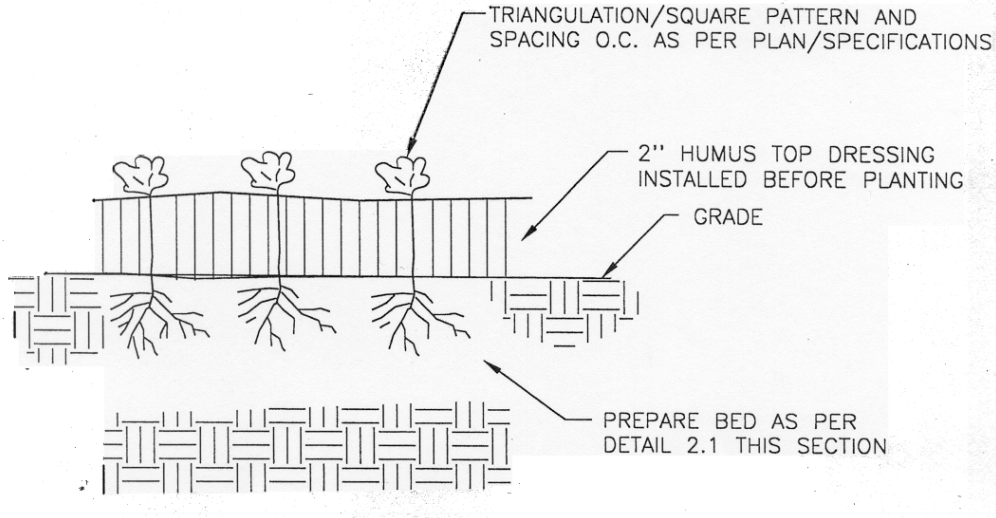
Detail 1: Groundcover Planting

Detail 2: Shrub Planting

Detail 3: Tree Planting with Deep Bubbler Irrigation

Detail 4: Tree Planting in Turf Area

Detail 5: Tree Planting with Root Barrier



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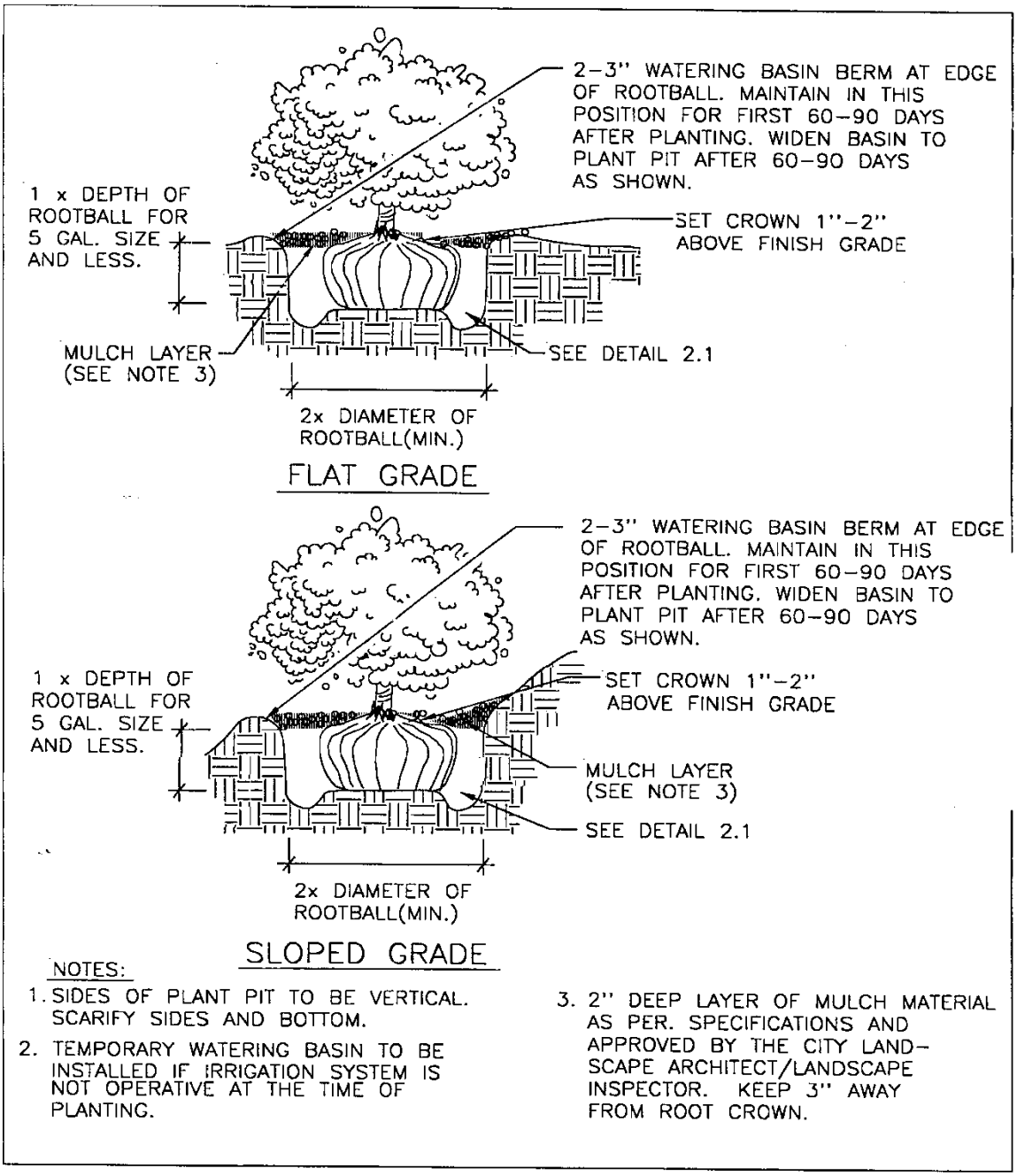
GROUND COVER PLANTING



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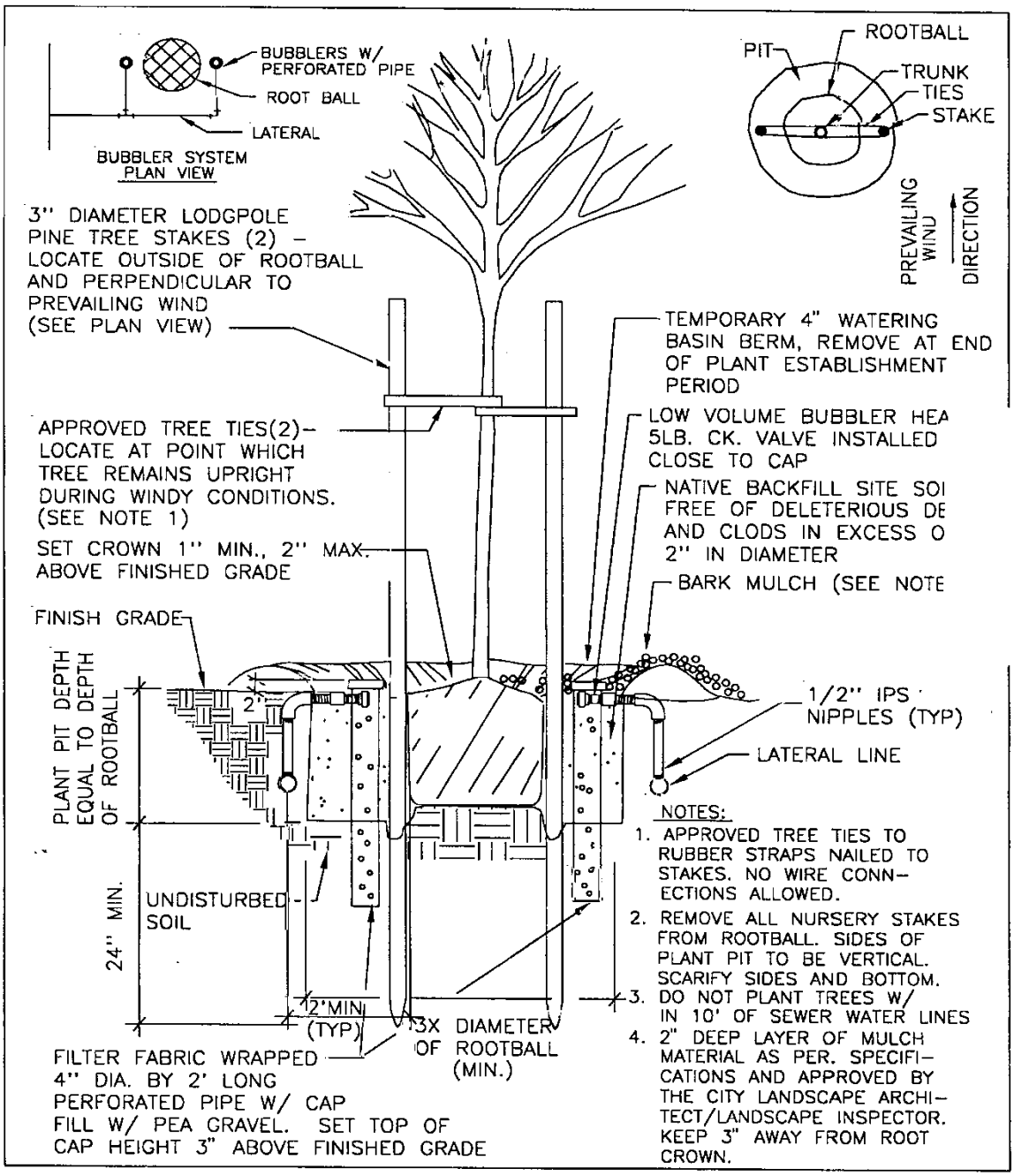

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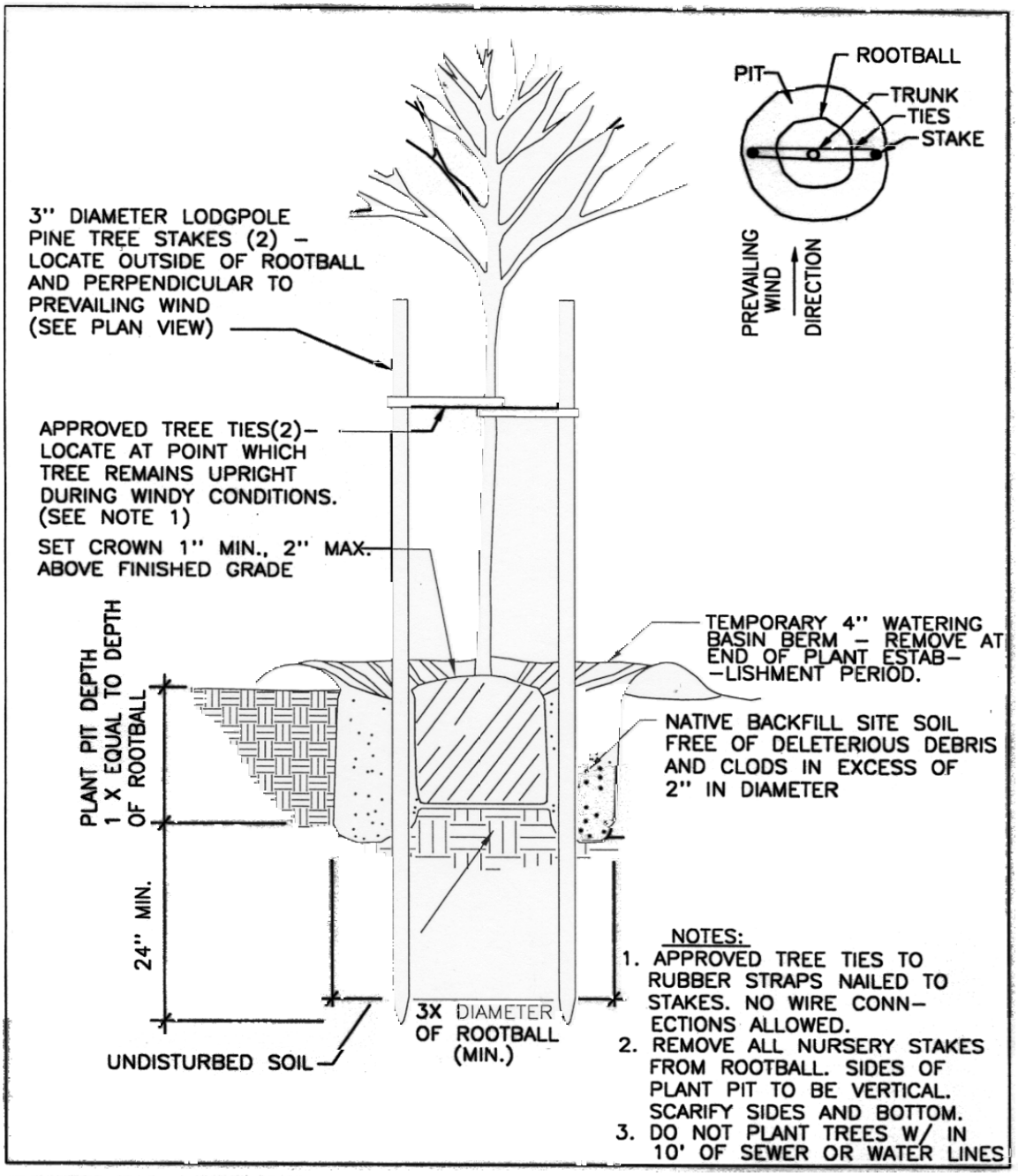
TREE PLANTING W/ DEEP BUBBLER IRRIGATION

3



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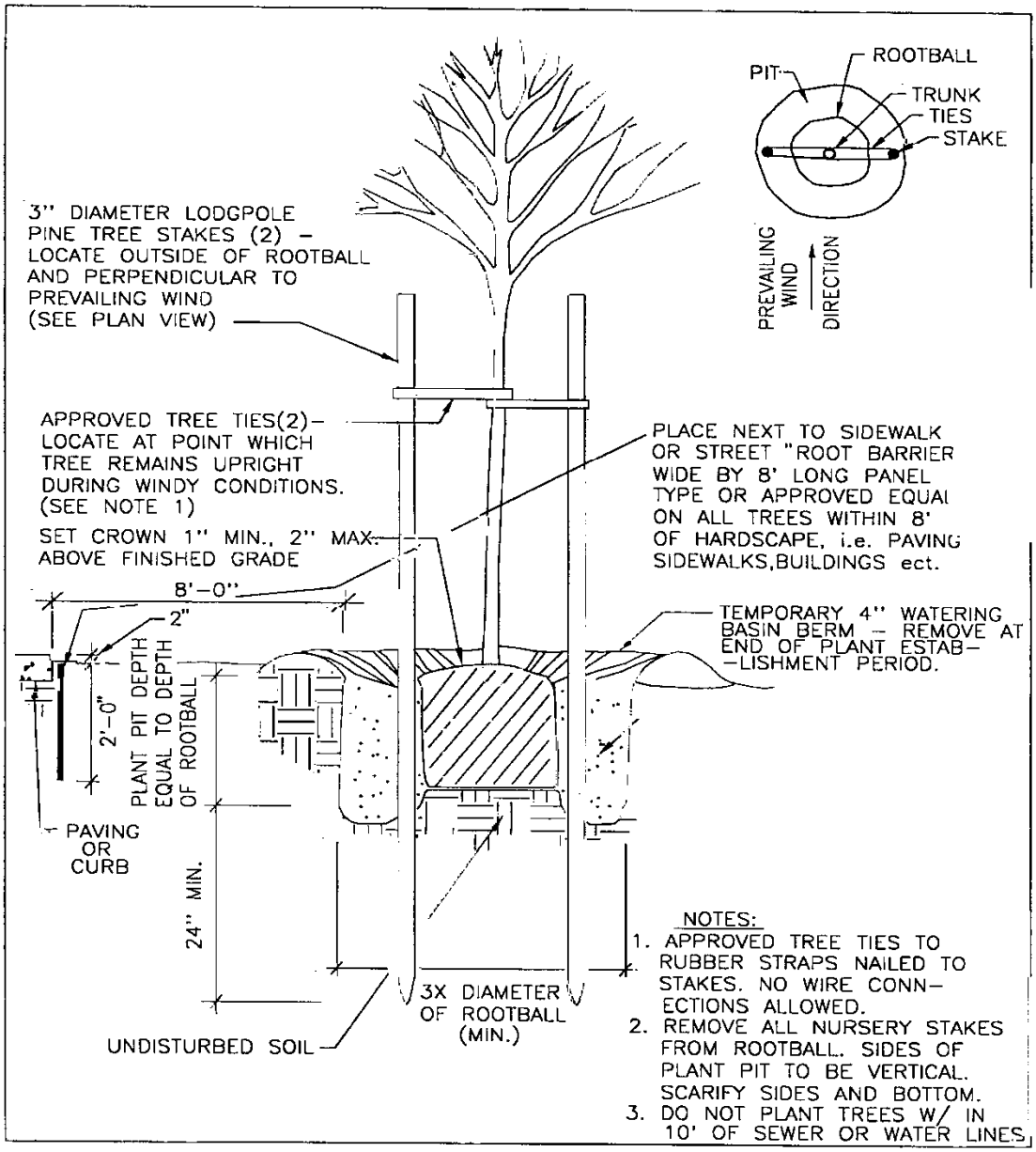
TREE PLANTING IN TURF AREA

4



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TREE PLANTING W/ ROOT BARRIER

5