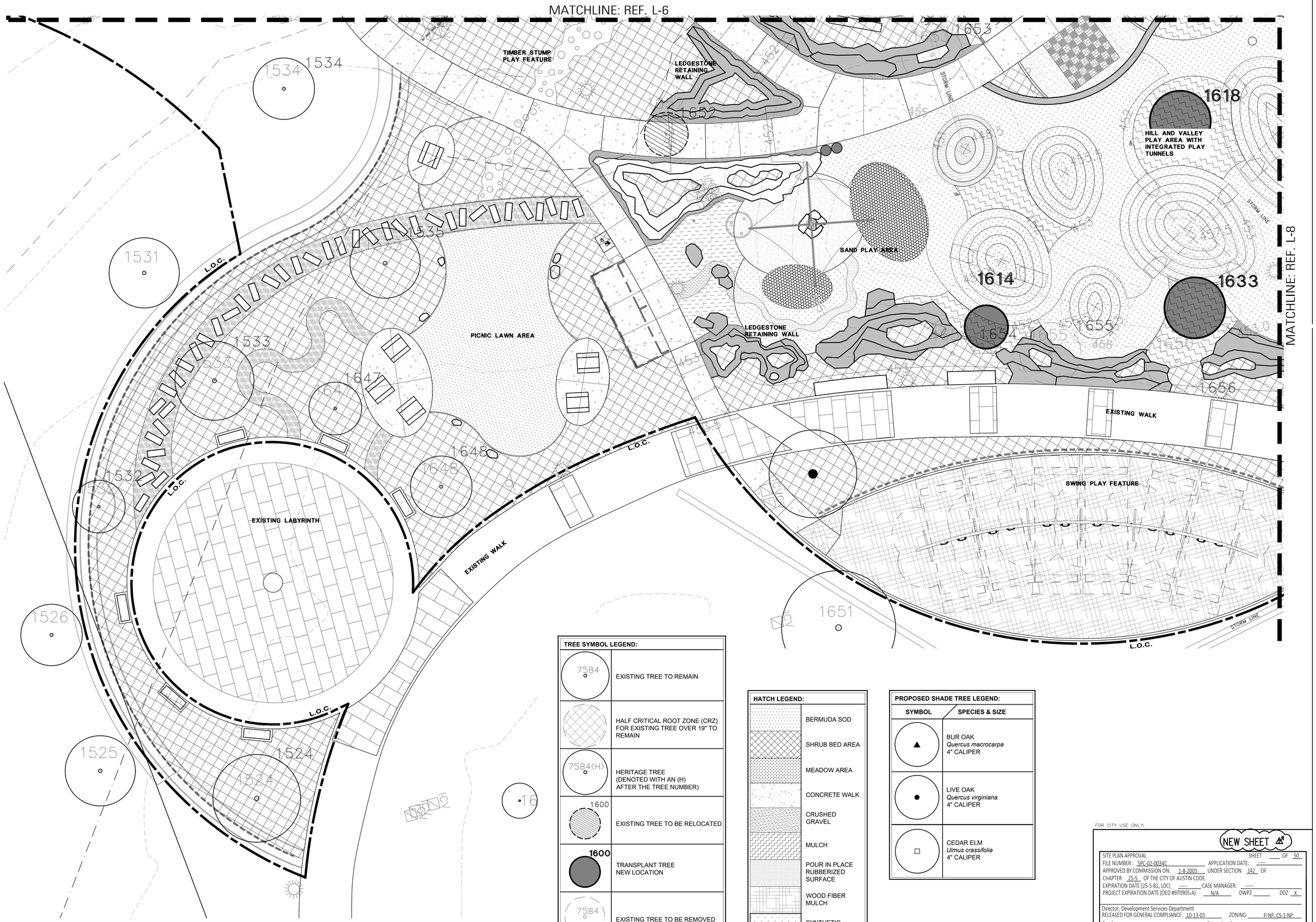



| TREE SYMBOL LEGEND: | |
|---|---|
| 7584 | EXISTING TREE TO REMAIN |
| | HALF CRITICAL ROOT ZONE (CRZ) FOR EXISTING TREE OVER 19" TO REMAIN |
| 7584(H) | HERITAGE TREE (DENOTED WITH AN (H) AFTER THE TREE NUMBER) |
| 1600 | EXISTING TREE TO BE RELOCATED |
| 1600 | TRANSPLANT TREE NEW LOCATION |
| 7584 | EXISTING TREE TO BE REMOVED |

| HATCH LEGEND: |
|---|
| BERMUDA SOD |
| SHRUB BED AREA |
| MEADOW AREA |
| CONCRETE WALK |
| CRUSHED GRAVEL |
| MULCH |
| POUR IN PLACE RUBBERIZED SURFACE |
| WOOD FIBER MULCH |
| SYNTHETIC TURF |

| PROPOSED SHADE TREE LEGEND: | |
|---|---|
| SYMBOL | SPECIES & SIZE |
| ▲ | BUR OAK *Quercus macrocarpa* 4" CALIPER |
| ● | LIVE OAK *Quercus virginiana* 4" CALIPER |
| □ | CEDAR ELM *Ulmus crassifolia* 4" CALIPER |

# 1 LANDSCAPE PLAN

PLAN

0' 5' 10' 20'
SCALE: 1"=10' NORTH

FOR CITY USE ONLY:

NEW SHEET

SITE PLAN APPROVAL SHEET ___ OF 50
FILE NUMBER: SPC-02-0034C APPLICATION DATE: -----
APPROVED BY COMMISSION ON: 1-8-2003 UNDER SECTION 142 OF
CHAPTER 25-5 OF THE CITY OF AUSTIN CODE.
EXPIRATION DATE (25-5-81, LDC) ----- CASE MANAGER: -----
PROJECT EXPIRATION DATE (OED #970905-A) N/A DWPZ ___ DDZ X

Director, Development Services Department
RELEASED FOR GENERAL COMPLIANCE: 10-13-03 ZONING: P-NP, CS-1-NP
Rev.1: ___ Correction 1: ___
Rev.2: ___ Correction 2: ___
Rev.3: ___ Correction 3: ___

*Final plat must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.*

TBG

REGISTERED LANDSCAPE ARCHITECT DAVID ELLIOTT DOERLE II 2566 TEXAS
11/15/2018

1705 Guadalupe Street, Suite 500
Austin, Texas 78701
(512) 327-1011 Fax: (512) 327-0488
Austin Dallas Fort Lauderdale
Fort Worth Houston San Antonio

Project:
TOWN LAKE PARK CULTURAL LANDSCAPE PHASE TWO

ALLIANCE CHILDREN'S GARDEN

1006 Barton Springs Rd.
AUSTIN, TEXAS

Project Number:
A13458

UDG
Urban Design Group PC
TX Registered Engineering Firm #F-1843
TBPLS 10065900
3660 Stoneridge Road, Suite E101
Austin, TX 78746
512.347.0040 - www.udg.com

Designed: AS
Drawn: CC, BH, NB
Reviewed: MD, JL
Date Issued:
11/15/2018
Revisions:

Sheet Title:
SITEWORK AND PLANTING

Sheet Number: 40 OF 65
L-9

SPC-02-0034C

ZNLES\TLP - Alliance Childrens Garden (A13458)\02 Permit\Sheets\A13458-L-1.dwg

**TREE SYMBOL LEGEND:**

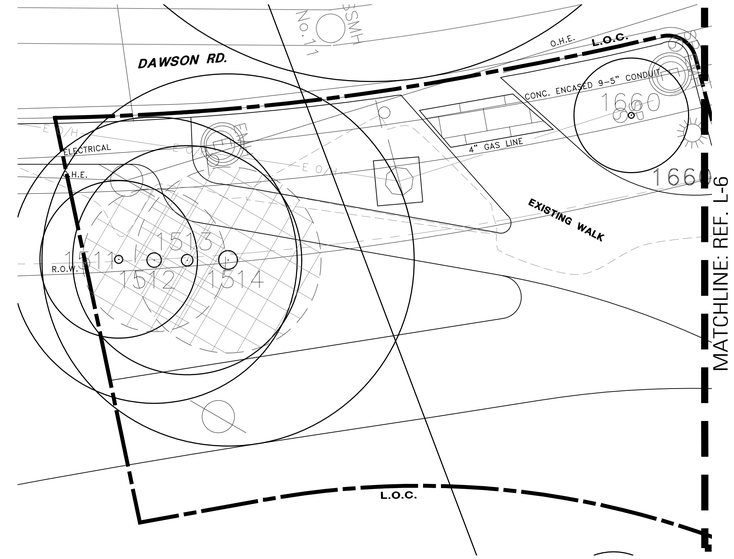
| | |
|---|---|
| 7584 | EXISTING TREE TO REMAIN |
| | HALF CRITICAL ROOT ZONE (CRZ) FOR EXISTING TREE OVER 19" TO REMAIN |
| 7584(H) | HERITAGE TREE (DENOTED WITH AN (H) AFTER THE TREE NUMBER) |
| 1600 | EXISTING TREE TO BE RELOCATED |
| 1600 | TRANSPLANT TREE NEW LOCATION |
| 7584 | EXISTING TREE TO BE REMOVED |

**PROPOSED SHADE TREE LEGEND:**

| SYMBOL | TOTAL | STREETYARD | BUFFER | MITIGATION | SPECIES & SIZE |
|---|---|---|---|---|---|
| ▲ | 2 | 0 | 0 | 2 | BUR OAK *Quercus macrocarpa* 4" CALIPER |
| ● | 1 | 0 | 0 | 1 | LIVE OAK *Quercus virginiana* 4" CALIPER. |
| □ | 1 | 0 | 0 | 1 | CEDAR ELM *Ulmus crassifolia* 4" CALIPER. |
| **SUBTOTAL:** | 4 | 0 | 0 | 4 | **(SHADE TREES)** |
| **GRAND TOTAL:** | 4 | 0 | 0 | 4 | **(ALL TREES)** |

**HATCH LEGEND:**

- BERMUDA SOD
- SHRUB BED AREA
- MEADOW AREA
- CONCRETE WALK
- CRUSHED GRAVEL
- MULCH
- POUR IN PLACE RUBBERIZED SURFACE
- WOOD FIBER MULCH
- SYNTHETIC TURF




1 LANDSCAPE PLAN

PLAN

0' 5' 10' 20'

SCALE: 1"=10' NORTH

FOR CITY USE ONLY:

NEW SHEET

SITE PLAN APPROVAL SHEET ___ OF 50

FILE NUMBER: SPC-02-0034C APPLICATION DATE: -----

APPROVED BY COMMISSION ON: 1-8-2003 UNDER SECTION 142 OF

CHAPTER 25-5 OF THE CITY OF AUSTIN CODE.

EXPIRATION DATE (25-5-81, LDC) ----- CASE MANAGER: -----

PROJECT EXPIRATION DATE (OED #970905-A) N/A DWPZ _____ DDZ X

Director, Development Services Department

RELEASED FOR GENERAL COMPLIANCE: 10-13-03 ZONING: P-NP, CS-1-NP

Rev.1: _____ Correction 1: _____

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Rev.3: _____ Correction 3: _____

*Final plat must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.*

TBG

REGISTERED LANDSCAPE ARCHITECT STATE OF TEXAS CLIFFORD DUANE DOERGE 2555

11/15/2018

1705 Guadalupe Street, Suite 500
Austin, Texas 78701
(512) 327-1011 Fax: (512) 327-0488

Austin Dallas Fort Lauderdale
Fort Worth Houston San Antonio

Project:

TOWN LAKE PARK
CULTURAL LANDSCAPE
PHASE TWO

ALLIANCE
CHILDREN'S
GARDEN

1006 Barton Springs Rd.
AUSTIN, TEXAS

Project Number:

A13458

Urban Design Group PC
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Designed: AS

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Reviewed: MD, JL

Date Issued:
11/15/2018

Revisions:

Sheet Title:
SITEWORK
AND PLANTING

Sheet Number: 41 OF 65

L-10

SPC-02-0034C

Z:\TLP - Alliance Childrens Garden (A13458)\02 Permit\Sheets\A13458-L-1.dwg

Alliance Children's Garden
Austin, Travis County, Texas
Job Number: A13458

## TREE LIST / MITIGATION CALCULATIONS

Tree Survey:

| | | | | | | | | | | Trees Removed | | | | | | | | | | | Trees Preserved | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Heritage Trees | | ECM 3.5.1 (A)(2) - Tree Type Categories | | | | | | | | | Heritage Trees | | ECM 3.5.1 (A)(2) - Tree Type Categories | | | | | | | | |
| HERITAGE | MULTI-TRUNK | TAG# *removed | SPECIES | CAL 1 | CAL 2 | CAL 3 | CAL 4 | CAL 5 | (=) | HERITAGE 30"+ | HERITAGE 24"+ | APDX-F 19" & UP | APDX-F 8"-18.9" | NON-APDX-F 19" & UP | NON APPDX-F 8"-18.9" | APDX-F <8" | NON APPDX-F <8" | INVASIVE | APDX-F TREES INSTALLAED PER SPC-2014-0356C | NON APDX-F TREES INSTALLAED PER SPC-2014-0356C | HERITAGE 30"+ | HERITAGE 24"+ | APDX-F 19" & UP | APDX-F 8"-18.9" | NON-APDX-F 19" & UP | NON APPDX-F 8"-18.9" | APDX-F <8" | NON APPDX-F <8" | INVASIVE | APDX-F TREES INSTALLAED PER SPC-2014-0356C | NON APDX-F TREES INSTALLAED PER SPC-2014-0356C |
| | | 1511 | CEDAR | 11 | | | | | 11 | | | | | | | | | | | | | | | 11 | | | | | | | |
| | x | 1512 | CEDAR | 20 | | | | | 20 | | | | | | | | | | | | | | 20 | | | | | | | | |
| | x | 1513 | CEDAR | 16 | | | | | 16 | | | | | | | | | | | | | | | 16 | | | | | | | |
| | x | 1514 | CEDAR | 26 | | | | | 26 | | | | | | | | | | | | | | 26 | | | | | | | | |
| | | 1518 | LIVE OAK | 9 | | | | | 9 | | | | | | | | | | | | | | | 9 | | | | | | | |
| | | 1524 | LIVE OAK | 10 | | | | | 10 | | | | | | | | | | | | | | | 10 | | | | | | | |
| | | 1532 | PECAN | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | 6 | | | | |
| | | 1533 | LIVE OAK | 9 | | | | | 9 | | | | | | | | | | | | | | | 9 | | | | | | | |
| | | 1534 | PECAN | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1535 | PECAN | 8 | | | | | 8 | | | | | | | | | | | | | | | 8 | | | | | | | |
| | | 1603 | BALD CYPRESS | 10 | | | | | 10 | | | | | | | | | | | | | | | 10 | | | | | | | |
| | | 1604 | LIVE OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1605 | LIVE OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1606 | CEDAR ELM | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | 6 | | | | |
| | x | 1607 | CRAPE MYRTLE | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | | 6 | | | |
| | x | 1608 | CRAPE MYRTLE | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | | 5 | | | |
| | x | 1609 | CRAPE MYRTLE | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | | 5 | | | |
| | x | 1610 | CRAPE MYRTLE | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | | 6 | | | |
| | x | 1611 | CRAPE MYRTLE | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | | 5 | | | |
| | x | 1612 | CRAPE MYRTLE | 4 | | | | | 4 | | | | | | | | | | | | | | | | | | | 4 | | | |
| | | 1613 | BALD CYPRESS | 9 | | | | | 9 | | | | | | | | | | | | | | | 9 | | | | | | | |
| | | 1614 | LIVE OAK | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | 5 | | | | |
| | x | 1615 | LIVE OAK | 9 | | | | | 9 | | | | | | | | | | | | | | | 9 | | | | | | | |
| | | 1616 | RED OAK | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | 6 | | | | |
| | | 1617* | RED OAK | 6 | | | | | 6 | | | | | | | 6 | | | | | | | | | | | | | | | |
| | | 1618 | LIVE OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1619* | RED OAK | 8 | | | | | 8 | | | | 8 | | | | | | | | | | | | | | | | | | |
| | | 1620 | RED OAK | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | 5 | | | | |
| | | 1621 | RED OAK | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | 6 | | | | |
| | | 1622 | RED OAK | 8 | | | | | 8 | | | | | | | | | | | | | | | 8 | | | | | | | |
| | | 1623* | CEDAR ELM | 4 | | | | | 4 | | | | | | | 4 | | | | | | | | | | | | | | | |
| | | 1624* | CEDAR ELM | 5 | | | | | 5 | | | | | | | 5 | | | | | | | | | | | | | | | |
| | | 1625* | CEDAR ELM | 7 | | | | | 7 | | | | | | | 7 | | | | | | | | | | | | | | | |
| | | 1626 | CEDAR ELM | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | 6 | | | | |
| | | 1627 | RED OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1628* | CEDAR ELM | 5 | | | | | 5 | | | | | | | 5 | | | | | | | | | | | | | | | |
| | | 1629 | RED OAK | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | 5 | | | | |
| | | 1630* | RED OAK | 5 | | | | | 5 | | | | | | | 5 | | | | | | | | | | | | | | | |
| | | 1631 | LIVE OAK | 4 | | | | | 4 | | | | | | | | | | | | | | | | | | 4 | | | | |
| | | 1632 | LIVE OAK | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | 5 | | | | |
| | | 1633 | LIVE OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1634 | LIVE OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1635 | LIVE OAK | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | 5 | | | | |
| | | 1636 | LIVE OAK | 8 | | | | | 8 | | | | | | | | | | | | | | | 8 | | | | | | | |
| | | 1637 | LIVE OAK | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | 6 | | | | |
| | | 1638* | LIVE OAK | 9 | | | | | 9 | | | | 9 | | | | | | | | | | | | | | | | | | |
| | | 1639* | POST OAK | 2 | | | | | 2 | | | | | | | 2 | | | | | | | | | | | | | | | |
| | | 1640* | BALD CYPRESS | 9 | | | | | 9 | | | | | | 9 | | | | | | | | | 9 | | | | | | | |
| | | 1641 | BALD CYPRESS (Dead and Removed Prior to project) | 0 | | | | | 0 | | | | | | | | | | | | | | | | | | | 0 | | | |
| | | 1642 | BALD CYPRESS (Dead and Removed Prior to project) | 0 | | | | | 0 | | | | | | | | | | | | | | | | | | | 0 | | | |
| | | 1643 | BALD CYPRESS (Dead and Removed Prior to project) | 0 | | | | | 0 | | | | | | | | | | | | | | | | | | | 0 | | | |
| | | 1644 | BALD CYPRESS (Dead and Removed Prior to project) | 0 | | | | | 0 | | | | | | | | | | | | | | | | | | | 0 | | | |
| | | 1645 | BALD CYPRESS (Dead and Removed Prior to project) | 0 | | | | | 0 | | | | | | | | | | | | | | | | | | | 0 | | | |
| | | 1646 | BALD CYPRESS (Dead and Removed Prior to project) | 0 | | | | | 0 | | | | | | | | | | | | | | | | | | | 0 | | | |
| | | 1647 | LIVE OAK | 6 | | | | | 6 | | | | | | | | | | | | | | | | | | 6 | | | | |
| | | 1648 | LIVE OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1652 | SPANISH OAK | 5 | | | | | 5 | | | | | | | | | | | | | | | | | | 5 | | | | |
| | | 1653* | SPANISH OAK | 7 | | | | | 7 | | | | | | | 7 | | | | | | | | | | | | | | | |
| | | 1654* | SPANISH OAK | 8 | | | | | 8 | | | | 8 | | | | | | | | | | | | | | | | | | |
| | | 1655* | SPANISH OAK | 7 | | | | | 7 | | | | | | | 7 | | | | | | | | | | | | | | | |
| | | 1656* | SPANISH OAK | 7 | | | | | 7 | | | | | | | 7 | | | | | | | | | | | | | | | |
| | | 1658 | LIVE OAK | 7 | | | | | 7 | | | | | | | | | | | | | | | | | | 7 | | | | |
| | | 1659 | LIVE OAK | 9 | | | | | 9 | | | | | | | | | | | | | | | 9 | | | | | | | |
| | | 1660 | LIVE OAK | 8 | | | | | 8 | | | | | | | | | | | | | | | 8 | | | | | | | |
| | | | Total cal. inch removed per category: | | | | | | | 0 | 0 | 0 | 25 | 0 | 9 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 133 | 0 | 0 | 139 | 31 | 0 | 0 | 0 |
| | | | Grand Total Cal. Inch Removed: | | | | | | | 89 | | | | | | | | | | | 349 | | | | | | | | | | |
| | | | **COA Minimum Replacement** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | replace @ % | | | | | | | 300% | 300% | 100% | 50% | 50% | 25% | 0% | 0% | 0% | 100% | 100% | | | | | | | | | | | |
| | | | Subtotal Replacement Inches: | | | | | | | 0.0 | 0.0 | 0.0 | 12.5 | 0.0 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | | |
| | | | Total Replacement: (cal. Inches) | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | |

**Tree REMOVAL Accounting Summary**

| | |
|---|---|
| Total Caliper Inches Surveyed | **429** |
| Total heritage cal. inches 30"+ removed | 0 |
| Total heritage cal. inches 24"+ removed | 0 |
| Total cal. inches removed, Appendix F, 19" & up | 0 |
| Total cal. inches removed, Appendix F, 8"-18.9" | 25 |
| Total cal. inches removed, NON-Appendix F, 19" & up | 0 |
| Total cal. inches removed, NON-Appendix F, 8"-18.9" | 9 |
| Total cal. inches removed, Appendix F, <8" | 55 |
| Total cal. inches removed, NON-Appendix F, <8" | 0 |
| Total cal. inches removed, Invasives | 0 |
| Total cal. Inches removed, Appendix F installed per SPC-2014-0356C | 0 |
| Total cal. Inches removed, NON-Appendix F installed per SPC-2014-0356C | 0 |
| **Total cal Inches removed:** | **89** |

**Total replacement cal. inches required: 14.8**

**Tree PRESERVATION Accounting Summary**

| | |
|---|---|
| **429** | Total Caliper Inches Surveyed |
| 0 | Total heritage cal. inches 30"+ preserved |
| 0 | Total heritage cal. inches 24"+ preserved |
| 46 | Total cal. Inches preserved, Appendix F, 19" & up |
| 133 | Total cal. Inches preserved, Appendix F, 8"-18.9" |
| 0 | Total cal. Inches preserved, NON-Appendix F, 19" & up |
| 0 | Total cal. Inches preserved, NON-Appendix F, 8"-18.9" |
| 139 | Total cal. Inches preserved, Appendix F, <8" |
| 31 | Total cal. Inches preserved, NON-Appendix F, <8" |
| 0 | Total cal. Inches preserved, Invasives |
| 0 | Total cal. Inchespreserved, Appendix F installed per SPC-2014-0356C |
| 0 | Total cal. Inches preserved, NON-Appendix F installed per SPC-2014-0356C |
| **349** | **Total cal Inches PRESERVED** |

Alliance Children's Garden
Austin, Travis County, Texas
Job Number: A13458

## LANDSCAPE CALCULATIONS

| COMBINED STREET YARDS A & B | REQUIRED | | PROVIDED | |
|---|---|---|---|---|
| TOTAL SITE AREA | | | 134,300 | |
| TOTAL STREET YARD AREA | | | 0 | |
| STREET YARD LANDSCAPE (20%) | 0 | | 0 | #DIV/0! |
| TREES (COMBINED STREET YARDS A & B) | 0 | | 0 | |
| EXISTING TREES CREDIT | | | | |
| 2" DIA. - 8" DIA. | 0 | x 1 | 0 | |
| 6" DIA. OR GREATER | 0 | x 2 | 0 | |
| PROPOSED TREES | 0 | x 1 | 0 | |
| | | Significant Shade %: | | #DIV/0! |

| **No existing trees located on site to be mitigated. | REQUIRED | | | PROVIDED |
|---|---|---|---|---|
| REPLACEMENT TREES | | | | |
| *(ALL NUMBERS REPRESENT QTY OF INCHES)* | 14.75 | | | 16.00 |
| TOTAL TO BE MITIGATED: | | | | |
| HERITAGE TREES, 30"+ | 0 | (at 300%) | = 0 | |
| HERITAGE TREES, 24"+ | 0 | (at 300%) | = 0 | |
| 19" AND GREATER, APDX-F TREES | 0 | (at 100%) | = 0 | |
| 8" TO 18.9", APDX-F TREES | 25 | (at 50%) | = 13 | |
| 19" AND GREATER, NON-APDX-F TREES | 0 | (at 50%) | = 0 | |
| 8" TO 18.9", NON-APDX-F TREES | 9 | (at 25%) | = 2.3 | |
| <8" APDX-F | 55 | (at 0%) | = 0 | |
| <8" NON-APPDX-F | 0 | (at 0%) | = 0 | |
| INVASIVES | 0 | (at 0%) | = 0 | |
| APDX-F installed per SPC-2014-0356C | 0 | (at 100%) | = 0 | |
| NON-APDX-F installed per SPC-2014-0356C | 0 | (at 100%) | = 0 | |

| ISLANDS, MEDIANS AND PENINSULAS | REQUIRED | | PROVIDED |
|---|---|---|---|
| STREET YARD AREA | 0 S.F. | > | 0 S.F. |
| NON-STREET YARD AREA | 0 S.F. | > | 0 S.F. |

| BUFFERING POINTS | | | | REQUIRED | PROVIDED (TOTAL) |
|---|---|---|---|---|---|
| Parking Lot and Trash Screen Enclosure | | | | 0.00 POINTS | 0.00 POINTS |
| | SIZE | QUANTITY | | POINTS | PROVIDED |
| EXISTING TREES | 6" OR GREATER | 0 | x | 9 POINTS | 0.00 POINTS |
| LARGE TREES - PREFERRED | 3" CAL. MIN. | 0 | x | 6 POINTS | 0.00 POINTS |
| SMALL TREES-PREFERRED | 2" CAL. MIN. | 0 | x | 3 POINTS | 0.00 POINTS |
| LARGE SHRUBS-PREFERRED | 5 GAL. MIN. | 0 | x | 3 POINTS | 0.00 POINTS |
| MEDIUM SHRUBS-OTHER | 5 GAL. MIN. | 0 | x | 1 POINT | 0.00 POINTS |
| SMALL SHRUBS-PREFERRED | 5 GAL. MIN. | 0 | x | 2 POINTS | 0.00 POINTS |
| SMALL SHRUBS-PREFERRED | 1 GAL. MIN. | 0 | x | 1/2 POINT | 0.00 POINTS |
| DECORATIVE WALL (3' MIN.) | | 0 | x | 3 PTS/FT. | 0.00 POINTS |
| BERM (3' MIN. AT <4:1 SLOPE) | | 0 | x | 1 PTS/FT. | 0.00 POINTS |

**INNOVATIVE WATER MANAGEMENT (ORDINANCE NO. 20101216-097)**

REQUIRED LANDSCAPE AREA
(SY LANDSCAPE + NON-SY PARKING LANDSCAPE)
0 (SY-A) = 0 (STREETYARD LANDSCAPE TOTAL)
\+ 0 (NON-STREETYARD PARKING TOTAL)
= 0 (TOTAL REQUIRED LANDSCAPE AREA)

| | | | REQUIRED | | PROVIDED |
|---|---|---|---|---|---|
| 50% OF REQUIRED LANDSCAPE AREA = | *0.50 | = | 0 S.F. | > | 0 S.F. |
| LANDSCAPING RECEIVING STORMWATER RUNOFF | | | | > | 0 S.F. |
| UNDISTURBED NATURAL AREAS | | | | | 0 |
| UNDISTURBED EXISTING TREES | | | | | 0 |

URBAN FORESTRY ACCOUNTING SUMMARY:

| | | |
|---|---|---|
| 1 | Total Appendix F tree inches surveyed: | 398.0 |
| 2 | Total Appendix F tree inches removed: | 80.0 |
| 3 | Total Non-Appendix F & Invasive removed: | 9.0 |
| 4 | Total Mitigation Inches planted on site: | 16.0 |

LANDSCAPE CERTIFICATION BLOCK

I CERTIFY THAT ALL INFORMATION IS TRUE AND ACCURATE AND THAT THE REQUIREMENTS OF SECTION 25-2, ARTICLE 9 OF THE LDC HAVE BEEN MET.

ELIOTT DOERLE 11/15/2018 DATE

FOR CITY USE ONLY:

NEW SHEET

SITE PLAN APPROVAL SHEET ___ OF 50
FILE NUMBER: SPC-02-0034C APPLICATION DATE: -----
APPROVED BY COMMISSION ON: 1-8-2003 UNDER SECTION 142 OF
CHAPTER 25-5 OF THE CITY OF AUSTIN CODE.
EXPIRATION DATE (25-5-81, LDC) ----- CASE MANAGER: -----
PROJECT EXPIRATION DATE (OED #970905-A) N/A DWPZ ___ DDZ X

Director, Development Services Department
RELEASED FOR GENERAL COMPLIANCE: 10-13-03 ZONING: P-NP, CS-1-NP
Rev.1: ___ Correction 1: ___
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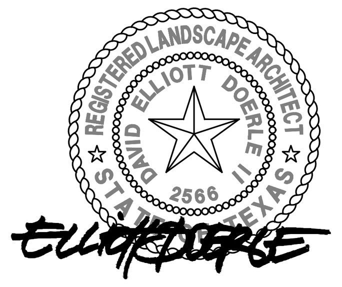
TBG




11/15/2018

1705 Guadalupe Street, Suite 500
Austin, Texas 78701
(512) 327-1011 Fax: (512) 327-0488
Austin Dallas Fort Lauderdale
Fort Worth Houston San Antonio

Project:
TOWN LAKE PARK CULTURAL LANDSCAPE PHASE TWO

ALLIANCE CHILDREN'S GARDEN

1006 Barton Springs Rd.
AUSTIN, TEXAS

Project Number:
A13458

Urban Design Group PC
TX Registered Engineering Firm #F-1843
TBPLS 10065900
3660 Stoneridge Road, Suite E101
Austin, TX 78746
512.347.0040 - www.udg.com

Designed: AS
Drawn: CC, BH, NB
Reviewed: MD, JL

Date Issued:
11/15/2018

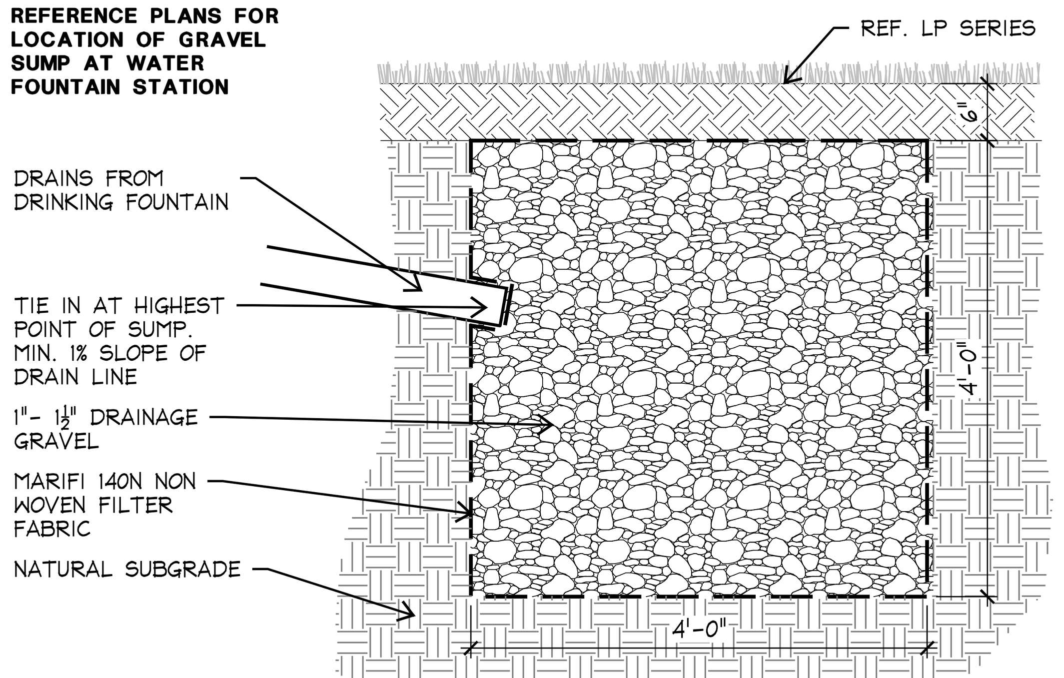
Revisions:

Sheet Title:
PERMIT CALCS AND TABLES

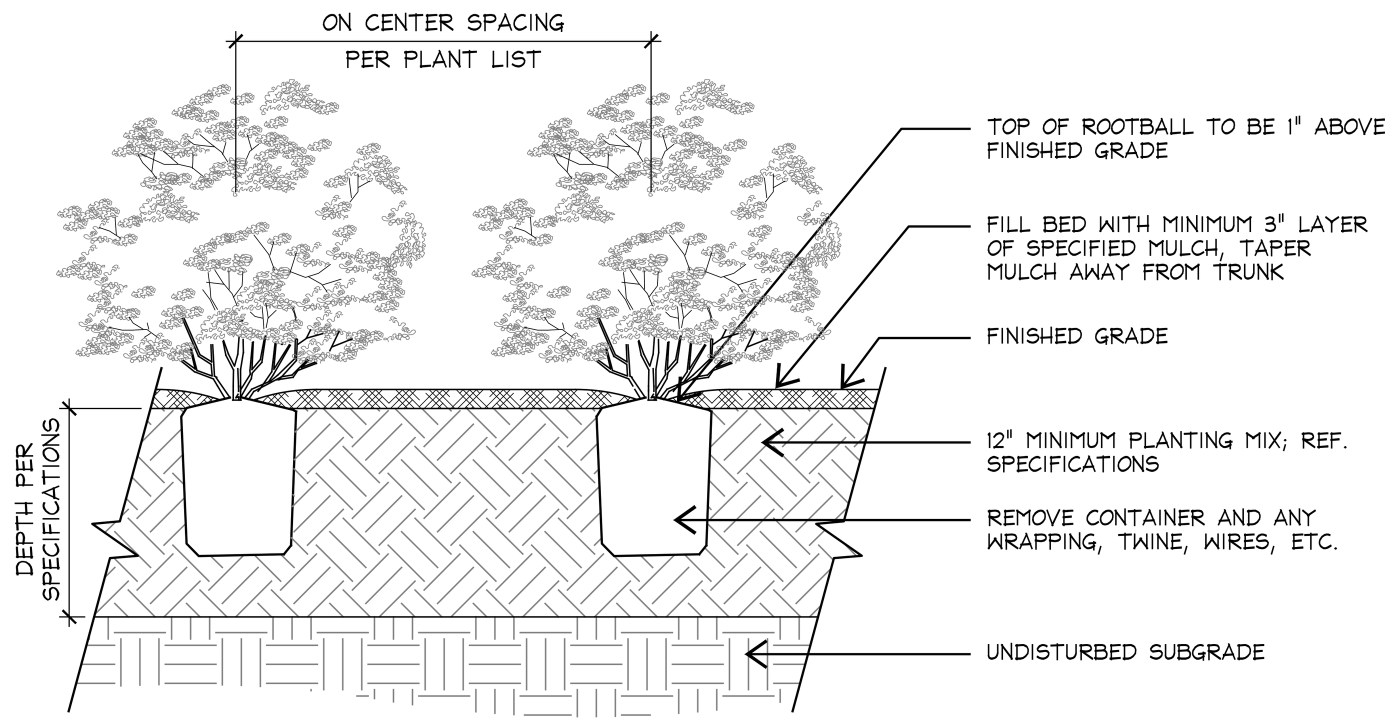
Sheet Number: 42 OF 65
L-11

SPC-02-0034C

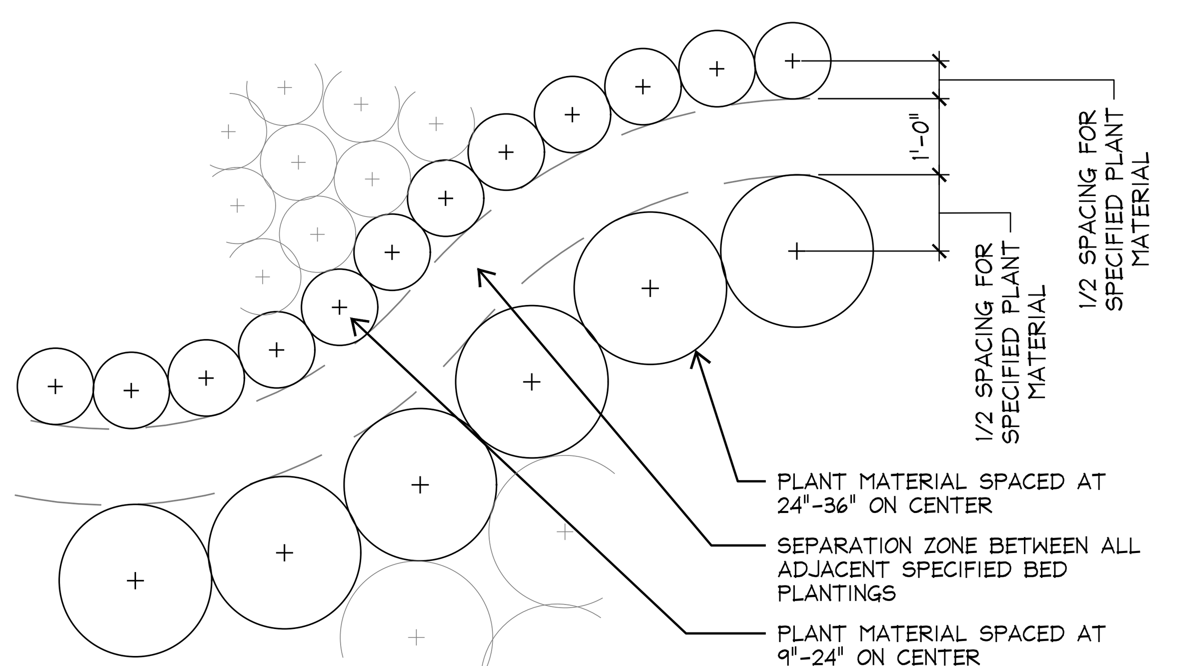
TLP - Alliance Childrens Garden (A13458)\02 Permit\Sheets\A13458-L-6.dwg




## 6 GRAVEL SUMP
SECTION — SCALE: 3/4"=1'-0"

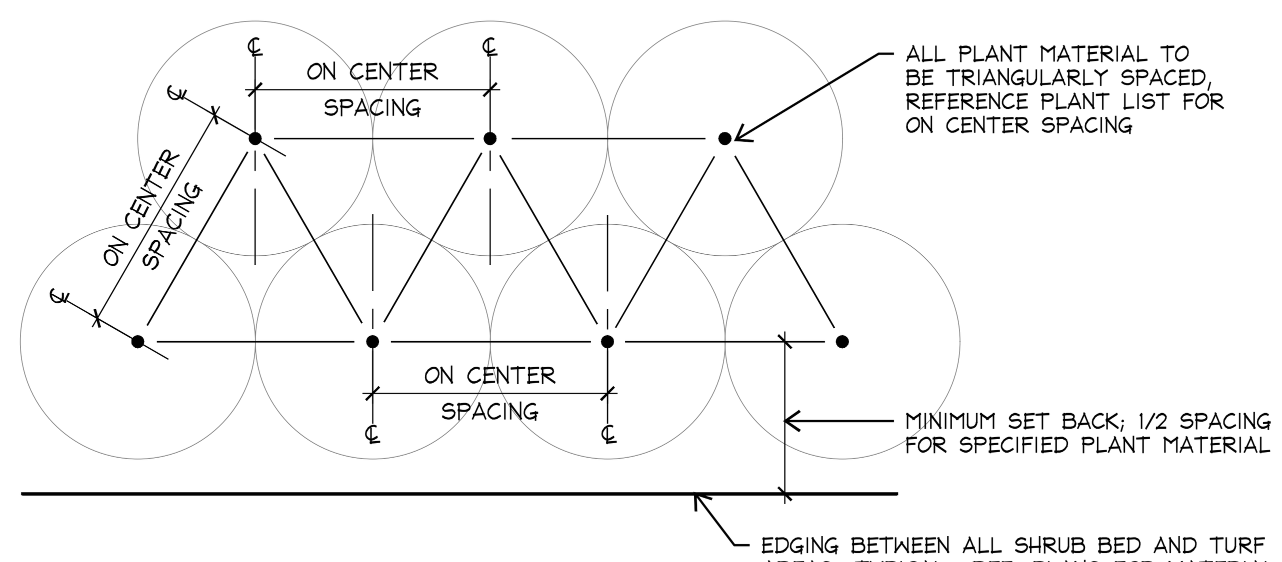



## 5 SHRUB BED PLANTING
SECTION — NOT TO SCALE

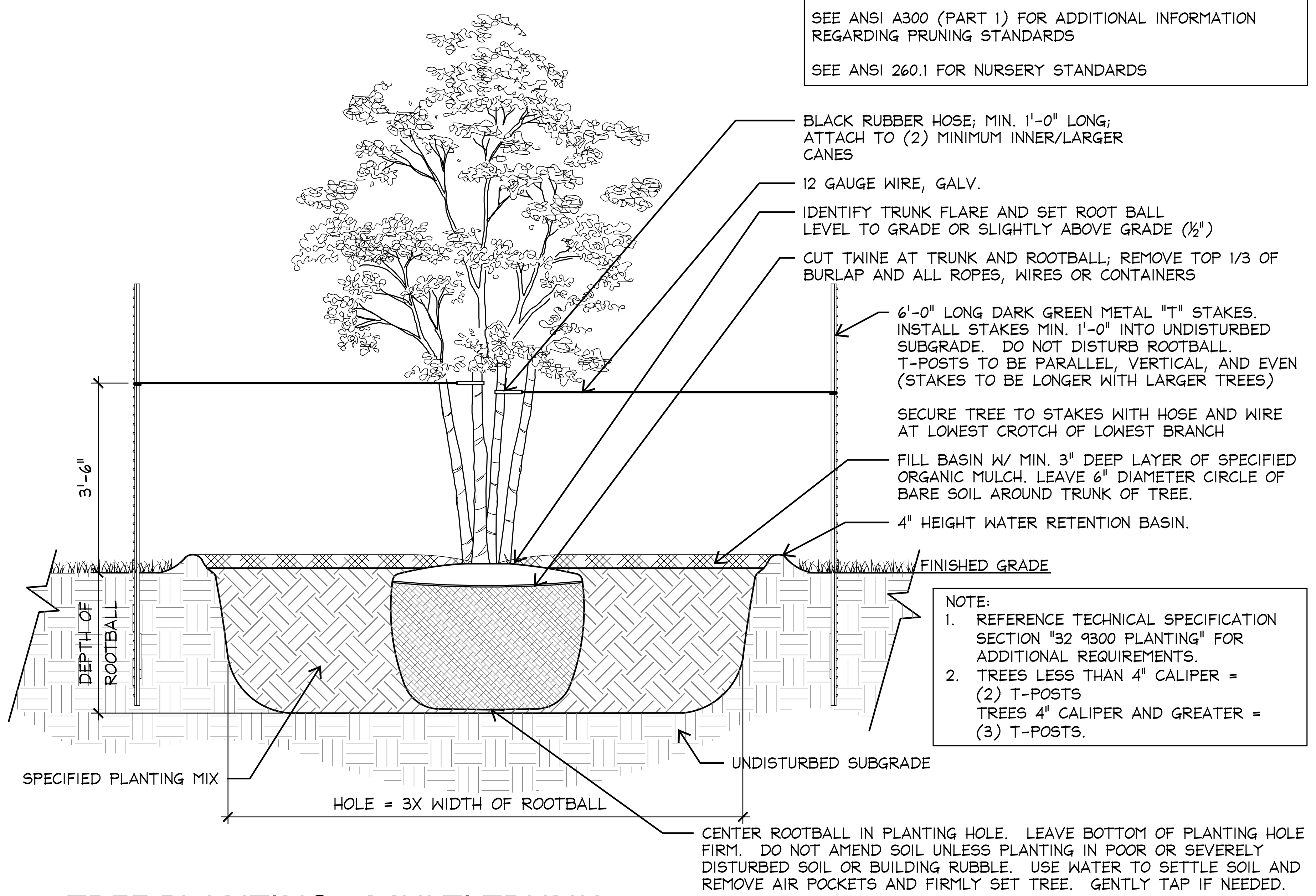



NOTE:
THIS DETAIL IS DRAWN TO SHOW THE INTENDED PLANTING LAYOUT OF ADJACENT SHRUB BEDS ALONG CURVES. CONTRACTOR TO PLANT ALL PERIMETER OF BED AREAS AS SHOWN AND THEN PLANT THE REMAINDER OF THE BED TRIANGULARLY AT THE SPECIFIED SPACING.

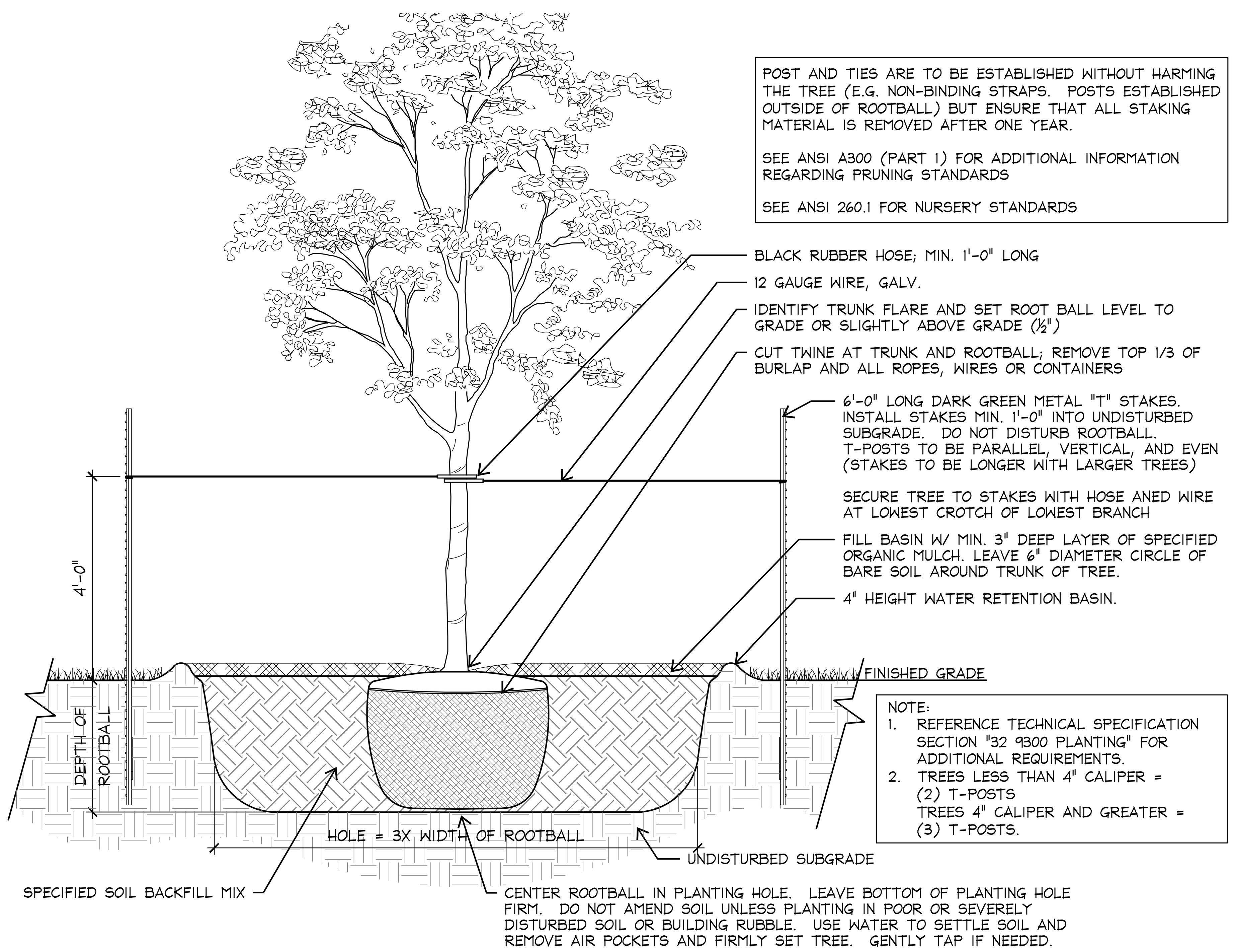
## 4 CURVED BED LAYOUT
PLAN — NOT TO SCALE




## 3 PLANT SPACING DIAGRAM
PLAN — NOT TO SCALE




## 2 TREE PLANTING - MULTI TRUNK
SECTION — NOT TO SCALE




## 1 TREE PLANTING - STANDARD TRUNK
SECTION — NOT TO SCALE

**LANDSCAPE NOTES:**

1. ALL PROPOSED LANDSCAPE AREAS WITHIN PROPERTY LINE TO RECEIVE 100% HEAD TO HEAD IRRIGATION COVERAGE.
2. AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM WILL BE USED TO IRRIGATE NEW LANDSCAPE MATERIAL WITH TURF ZONES SEPARATED FROM PLANTING ZONES. AUTOMATIC IRRIGATION SYSTEMS SHALL COMPLY WITH THE WATER CONSERVATION IRRIGATION SYSTEM REQUIREMENTS, AS REQUIRED IN THE **ENVIRONMENTAL CRITERIA MANUAL.**
3. THE IRRIGATION SYSTEM SHALL BE IN PLACE AND FUNCTIONAL AT THE TIME OF THE LANDSCAPE INSPECTION.
4. REFERENCE TREE STAKING DETAIL FOR ALL NEW TREES.
5. A MINIMUM OF 6" OF PERMEABLE SOIL IS REQUIRED FOR TURF AND LANDSCAPE AREAS.
6. IRRIGATION LINES SHOULD BE TRENCHED SO THAT THERE IS NO DISTURBANCE TO THE CRITICAL ROOT ZONE OF EXIST. TREES.
7. PROOF OF PAYMENT OF THE LANDSCAPE INSPECTION FEE IN THE AMOUNT REQUIRED BY C.O.A. WILL BE REQUIRED PRIOR TO FINAL APPROVAL OF THIS SITE PLAN BY ECSD.
8. IF ESTABLISHING VEGETATION DURING ANY STAGE OF A DROUGHT, SECTION 6-4-30 MAY REQUIRE A VARIANCE. CONTACT AUSTIN WATER CONSERVATION STAFF AT WATERUSECOMPVAR@AUSTINTEXAS.GOV OR CALL (512) 974-2199.
9. THE OWNER WILL CONTINUOUSLY MAINTAIN THE REQUIRED LANDSCAPING IN ACCORDANCE WITH LDC 25-2-984.
10. ALL LANDSCAPED AREAS ARE TO BE PROTECTED BY 6 INCH WHEEL CURBS, WHEELSTOPS, OR OTHER APPROVED BARRIERS AS PER ECM 2.4.7. [LDC 25-2-1004(A), ECM 2.4.7(A)].
11. AN AREA EQUAL TO AT LEAST 50% OF THE TOTAL REQUIRED LANDSCAPE AREA ON A PROJECT MUST [E.C.M. 2.4.6(A), E.C.M. 2.4.9]:
    A. BE UNDISTURBED NATURAL AREA(S) OR UNDISTURBED EXISTING TREES WITH NO POTABLE IRRIGATION
    OR
    B. BE IRRIGATED BY STORMWATER RUNOFF CONVEYED FROM IMPERVIOUS SURFACES ON THE SITE .

**IRRIGATION NOTES:**

AUTOMATIC IRRIGATION SYSTEMS SHALL COMPLY WITH TCEQ CHAPTER 344, AS WELL AS THE FOLLOWING REQUIREMENTS:

1. THESE REQUIREMENTS SHALL BE NOTED ON THE SITE DEVELOPMENT PERMIT AND SHALL BE IMPLEMENTED AS PART OF THE LANDSCAPE INSPECTION:
    A. THE SYSTEM MUST PROVIDE A MOISTURE LEVEL ADEQUATE TO SUSTAIN GROWTH OF THE PLANT MATERIALS;
    B. THE SYSTEM DOES NOT INCLUDE SPRAY IRRIGATION ON AREAS LESS THAN TEN (10) FEET WIDE (SUCH AS MEDIANS, BUFFER STRIPS, AND PARKING LOT ISLANDS);
    C. CIRCUIT REMOTE CONTROL VALVES HAVE ADJUSTABLE FLOW CONTROLS;
    D. SERVICEABLE IN-HEAD CHECK VALVES ARE ADJACENT TO PAVED AREAS WHERE ELEVATION DIFFERENCES MAY CAUSE LOW HEAD DRAINAGE;
    E. A MASTER VALVE INSTALLED ON THE DISCHARGE SIDE OF THE BACKFLOW PREVENTER;
    F. ABOVE-GROUND IRRIGATION EMISSION DEVICES ARE SET BACK AT LEAST SIX (6) INCHES FROM IMPERVIOUS SURFACES;
    G. AN AUTOMATIC RAIN SHUT-OFF DEVICE SHUTS OFF THE IRRIGATION SYSTEM AUTOMATICALLY AFTER MORE THAN A ONE-HALF INCH (1/2") RAINFALL; AND
    H. NEWLY PLANTED TREES SHALL HAVE PERMANENT IRRIGATION CONSISTING OF DRIP OR BUBBLERS.
2. THE IRRIGATION INSTALLER SHALL DEVELOP AND PROVIDE AN AS-BUILT DESIGN PLAN TO THE CITY AT THE TIME THE FINAL IRRIGATION INSPECTION IS PERFORMED:
    A. UNLESS FISCAL SECURITY IS PROVIDED TO THE CITY FOR THE INSTALLATION OF THE SYSTEM, IT MUST BE OPERATIONAL AT THE TIME OF THE FINAL LANDSCAPE INSPECTION.
3. THE IRRIGATION INSTALLER SHALL ALSO PROVIDE EXHIBITS TO BE PERMANENTLY INSTALLED INSIDE OR ATTACHED TO THE IRRIGATION CONTROLLER, INCLUDING:
    A. A LAMINATED COPY OF THE WATER BUDGET CONTAINING ZONE NUMBERS, PRECIPITATION RATES, AND GALLONS PER MINUTE; AND A ZONE MAP WITH THE ISOLATION VALVE LOCATION. (SEE APPENDIX 0 BELOW)
4. THE IRRIGATION INSTALLER SHALL PROVIDE A REPORT TO THE CITY ON A FORM PROVIDED BY AUSTIN WATER CERTIFYING COMPLIANCE WITH SUBSECTION 1 WHEN THE FINAL PLUMBING INSPECTION IS PERFORMED BY THE CITY.

**IRRIGATION WATER BUDGET**
**Appendix O**

| | | | Establishment Schedule | Recommended Seasonal Schedules | | | | |
|---|---|---|---|---|---|---|---|---|
| Zone | Precipitation Rate – In./Hr. | Gallons per minute (required) | (first three months) min./week (optional) | Winter min./week (optional) | Spring min./week (optional) | Summer min./week (optional) | Autumn min./week (optional) | Average Gallons/Month |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
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| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |

**Location of emergency system shut-off valve:**

FOR CITY USE ONLY:

NEW SHEET

SITE PLAN APPROVAL SHEET ___ OF 50
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TBG

REGISTERED LANDSCAPE ARCHITECT — DAVID ELLIOTT DOERLE II — 2566 — STATE OF TEXAS
11/15/2018

1705 Guadalupe Street, Suite 500
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(512) 327-1011 Fax: (512) 327-0488

Austin Dallas Fort Lauderdale
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Designed: AS

Drawn: CC, BH, NB

Reviewed: MD, JL

Date Issued:
11/15/2018

Revisions:

Sheet Title:
PLANTING DETAILS & NOTES

Sheet Number: 43 OF 65
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SPC-02-0034C