

REVISIONS
DATE
COMMENTS

DATE
11/28/17

AURA 360
GRAND PRAIRIE, TEXAS
LANDSCAPE CITY SUBMITTAL PLAN

SCALE:
0 20 30

DATE:
10/13/17

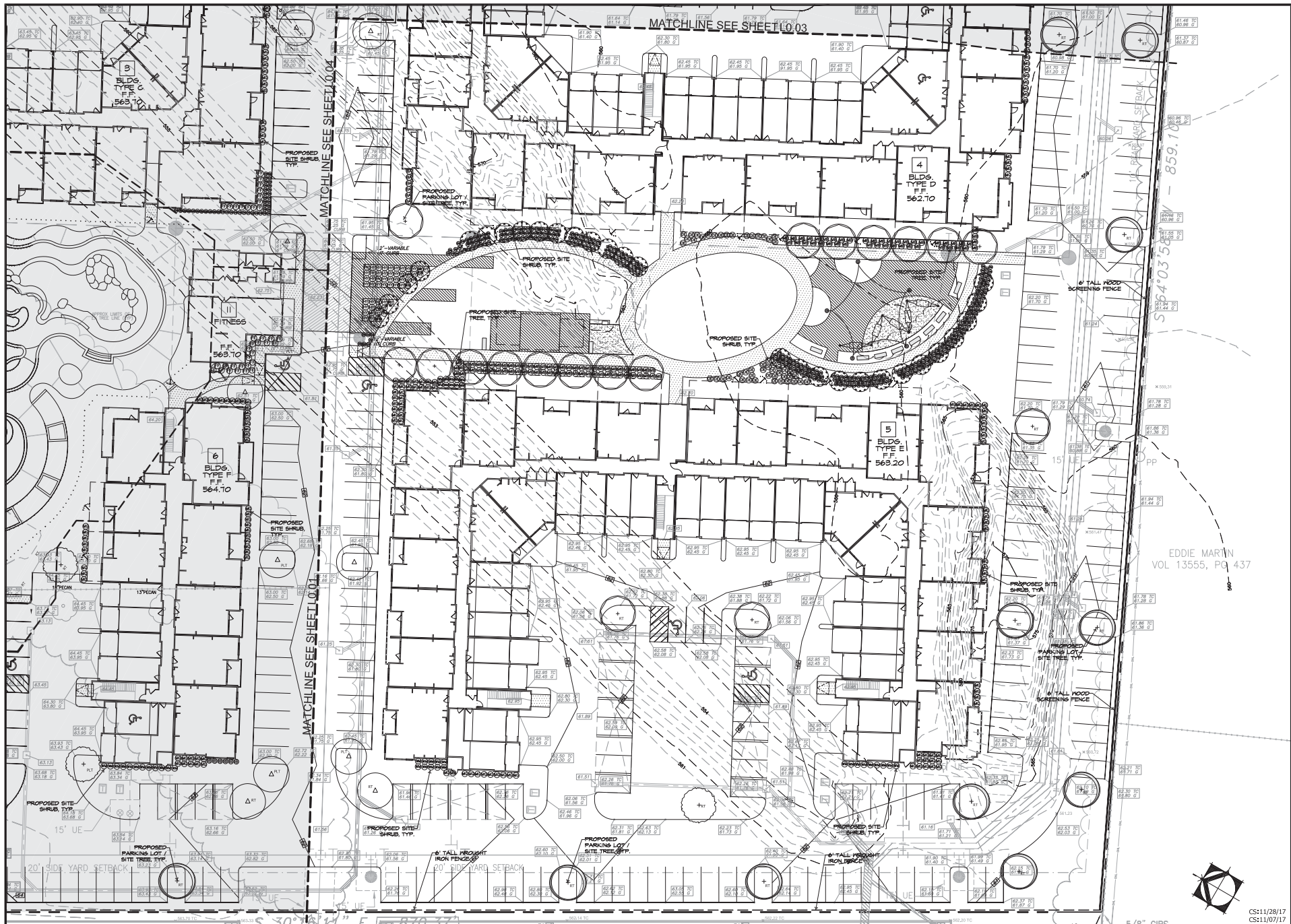
BOWEN+POPE+ASSOCIATES
LANDSCAPE ARCHITECTS PLLC
10000 North Loop West, Suite 1000
Houston, TX 77037
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L0.01

PROJECT # 010-05

CASE# S171202

CS:11/28/17
CS:11/07/17



REVISIONS

NO.	DATE	DESCRIPTION

DATE: 10/13/17

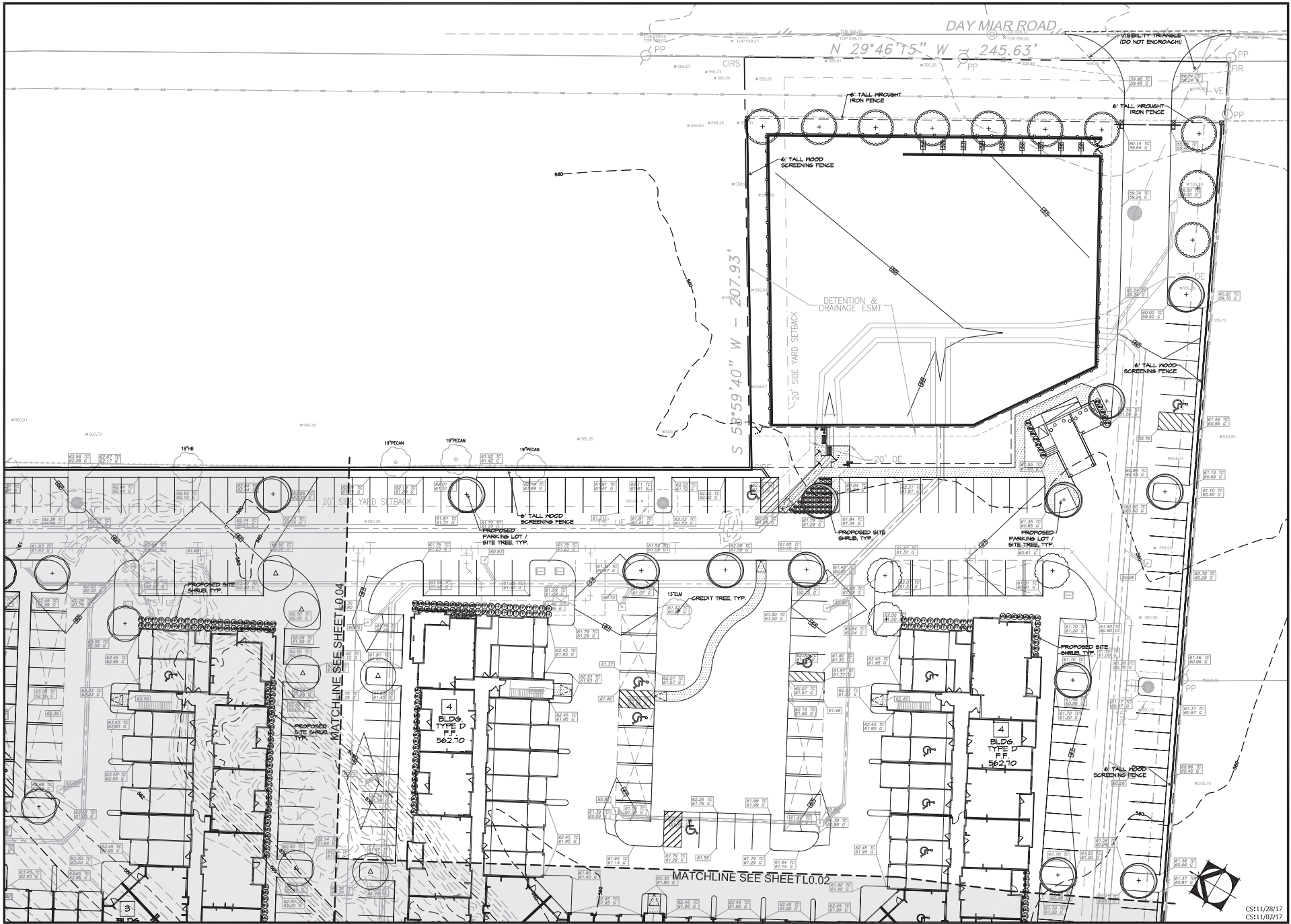
SCALE: 1" = 20'

PROJECT: AURA 360
GRAND PRAIRIE, TEXAS
LANDSCAPE CITY SUBMITTAL PLAN

SHEET: L0.02

PROJECT #: 010-05

CASE #: S171202



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11/28/17

STATE OF TEXAS

AURA 360

GRAND PRAIRIE, TEXAS

LANDSCAPE CITY SUBMITTAL PLAN

SCALE:

DATE:

10/13/17

3+1

BRUNNEN & ASSOCIATES

LANDSCAPE ARCHITECTS

10000 North Central Expressway, Suite 1000, Dallas, TX 75243

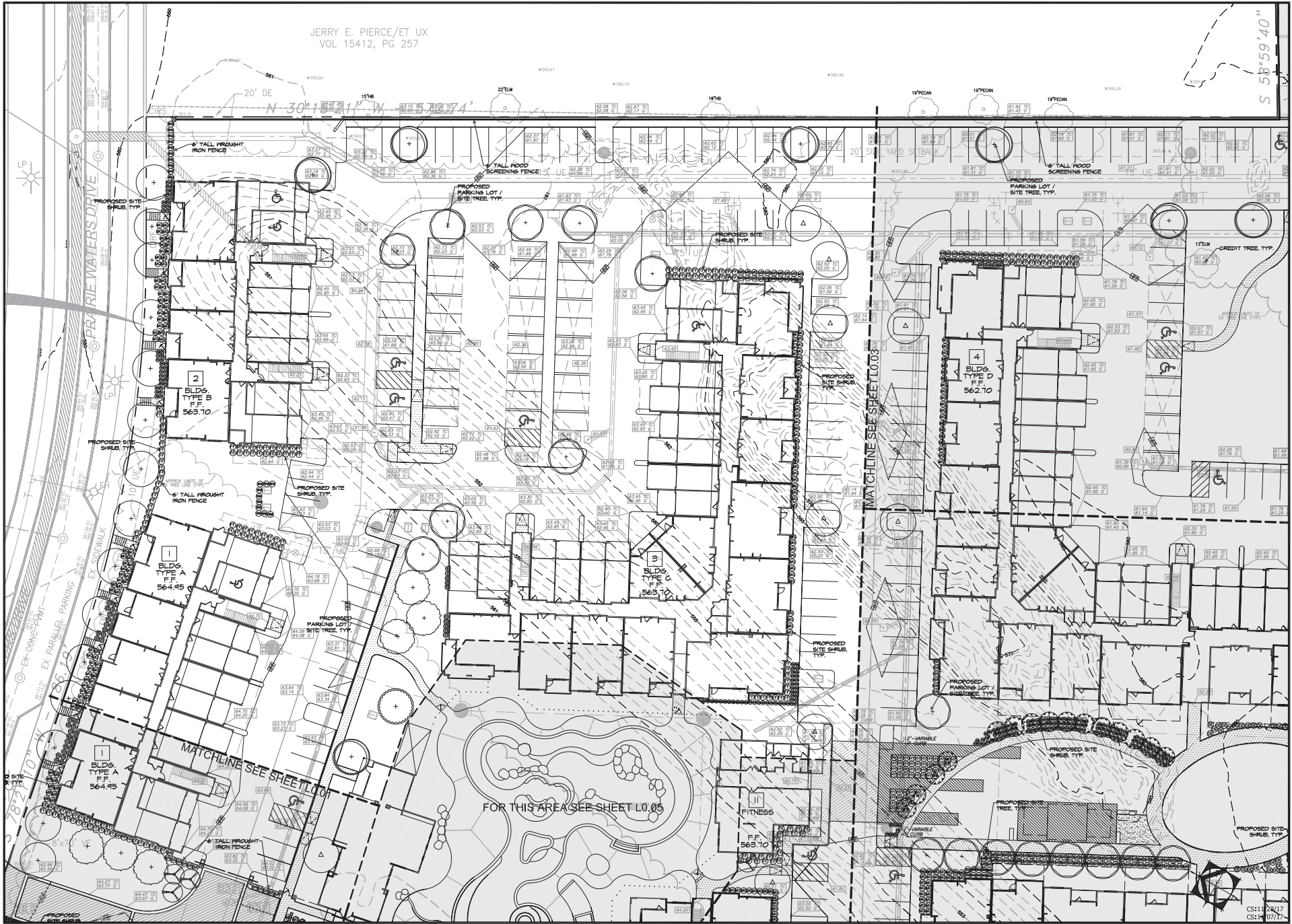
CS:11/28/17
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L0.03

PROJECT # 010-05

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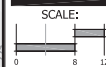
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L0.04
CS:11/24/17
CS:14/07/17

PROJECT # 010-05
CASE# S171202



AURA 360
GRAND PRAIRIE, TEXAS
LANDSCAPE CITY SUBMITTAL PLAN



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L0.05

PROJECT # 010-05

CASE# S171202

FOR THE CITY OF GRAND PRAIRIE USE ONLY

LANDSCAPE REQUIREMENTS

ZONING: PD-352 (WF-2)

LANDSCAPE CALCULATIONS

LANDSCAPING PERCENTAGE

Required	Provided
Total Site Area	N/A
Percentage Required (15%)	88,516 sf.

REQUIRED TREES

Required	Provided
For every 500 square feet of required landscape area, or fraction thereof, of required landscape area, one tree of three inch caliper or larger is required.	

(88,516 sf. / 500) = 177

Parking Lot Trees:
Parking lot trees shall be located in the parking area (one tree for each 20 parking spaces).

Total Parking Spaces = 531
(531 / 20) = 26.55

Shrub Substitution:
Up to 50% of the required number of parking lot trees may be replaced by five-gallon shrubs at the rate of one tree equals ten (10) shrubs.

(26 x 50%) = 12.5 (13)
(13 x 10) = 130 shrubs

Existing Tree Credit:
One (1) 13" caliper tree, = 5 tree credits

Remaining Trees:
The remaining required trees may be located throughout the site.

REQUIRED SHRUBS

Required	Provided
For every 50 square feet, or fraction thereof, of required landscape area, one shrub a minimum of five gallons in size is required.	

(88,516 sf. / 50) = 1770

1770 shrubs
130 additional shrubs required for parking lot tree substitution

LANDSCAPE/IRRIGATION NOTES:

All plant materials, including replacement trees, shall be specified and planted with plants using the standards of most recently published version of the American Standards for Nursery Stock, by the American Association of Nurserymen. All plants shall be clearly tagged by the providing nursery for easy inspection with the Botanical Name. All landscaping shall be installed according to sound horticultural practices, in a manner designed to encourage quick establishment and healthy growth.

The existing elevations within the drip line area shall not be altered except for the purpose of providing additional topsoil for new ground cover. Such alterations shall not result in an increase in elevation more than three inches.

The critical root zone of all existing trees or communities of trees to be preserved shall be protected by appropriate protective fencing during site preparation and construction by providing a protected area of non-encroachment. This protected area shall be clearly labeled on the landscape plan and included within the construction drawings submitted to the City for approval.

The protected area shall not be used for vehicles or equipment parking, or materials storage, no oil, asphalt, concrete or other potentially toxic materials shall be deposited within the protected area, no signs, wires or other attachments shall be attached to any protected tree and no protected tree shall be pruned or otherwise disfigured in a manner which may reasonably lead to the death of that tree.

A minimum of 75% of the protected area shall be maintained as permeable landscape area at existing grades prior to site development. This area shall be maintained on a permanent basis following completion of site development. Protected trees may be located within tree wells or landscape islands around which the natural grade has been adjusted, provided that, in the opinion of the Development Review Committee, adequate aeration and drainage devices are installed into the critical root zone and that the area within the well or island is maintained as turf, landscape plantings, organic mulch or permeable pavement.






Trenching for utilities shall not be allowed within the critical root zone of existing trees that have been used to receive tree credits, and boring under such trees may be required.

All required landscaping shall be kept neat, healthy, and free of weeds and debris. Upon written notification, any dead or deteriorated plants shall be removed and replaced within 30 days from date of notification.

When an automatic, underground irrigation system has been required, it must be maintained as required by the manufacturer's specification, in an operable condition and used on a regular basis.

Automatic irrigation systems shall comply with TCEQ Landscape Irrigation Rule 2007-027-344 CE, effective January 1, 2009, as established by the 80th Legislative Session in consultation with the Irrigator Advisory Council.

PLANT SCHEDULE

TREES	QTY	COMMON NAME	BOTANICAL NAME	CONT	CAL	SIZE	REMARKS
	11	Burr Oak	Quercus macrocarpa	B # B or Container	3"	12' Ht. / 4' Sprd.	Nursery grown
	26	Chinkapiin Oak	Quercus muhlenbergii	B # B or Container	3"	10' Ht. / 5' Sprd.	Nursery grown
	24	Shumard Red Oak	Quercus shumardii	B # B or Container	3"	12' Ht. / 4' Sprd.	Nursery grown
	26	Live Oak	Quercus virginiana	B # B or Container	3"	12' Ht. / 4' Sprd.	Nursery grown
	17	Cedar Elm	Ulmus crassifolia	B # B or Container	3"	12' Ht. / 5' Sprd.	Nursery grown
	15	Lacebark Elm	Ulmus parvifolia	B # B or Container	3"	12' Ht. / 5' Sprd.	Nursery grown
ORNAMENTAL TREES	QTY	COMMON NAME	BOTANICAL NAME	CONT	CAL	SIZE	REMARKS
	12	Texas Redbud	Cercis canadensis texensis	#65	3"	8' Ht. / 4' Sprd.	Nursery grown
	26	White Crape Myrtle	Lagerstroemia indica 'Natchez'	#65	3"	10' Ht. / 5' Sprd.	Single trunk, nursery grown
SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	CONT	-	SIZE	REMARKS
	66	Dwarf Burford Holly	Ilex cornuta 'Burfordii Nana'	#5		20" Ht. / 18" Sprd.	
	42	Dwarf Yaupon	Ilex vomitoria 'Nana'	#5		12" Ht. / 18" Sprd.	
	234	Purple Leaf Fringe Flower	Loropetalum chinense rubrum 'Flum Delight' TM	#5		24" Ht. / 24" Sprd.	
	115	Dwarf Southern Wax Myrtle	Myrica pauciflora	#5		24" Ht./18" Sprd	
CACTI	QTY	COMMON NAME	BOTANICAL NAME	CONT	-	SIZE	REMARKS
	56	Spineless Prickly Pear	Opuntia ellisiana	#5		18" Ht. / 18" Sprd.	
GRASSES	QTY	COMMON NAME	BOTANICAL NAME	CONT	-	SIZE	REMARKS
	366	Maiden Grass	Miscanthus sinensis 'Gracillimus'	#5		24" Ht. / 24" Sprd.	
	545	Gulf Muhly	Muhlenbergia capillaris	#5		18" Ht. / 12" Sprd.	
	57	Bamboo Muhly	Muhlenbergia dumosa	#5		18" Ht. / 12" Sprd.	
	214	Big Muhly	Muhlenbergia lindheimeri 'Big'	#5		24" Ht. / 20" Sprd.	
SUCCULENTS	QTY	COMMON NAME	BOTANICAL NAME	CONT	-	SIZE	REMARKS
	7	Century Plant	Agave americana	#5		24" Ht. / 24" Sprd.	
	56	Red Yucca	Hesperaloe parviflora	#5		18" Ht. / 18" Sprd.	
	57	Yellow Yucca	Hesperaloe parviflora 'Yellow'	#5		18" Ht. / 12" Sprd.	

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GRAND PRAIRIE, TEXAS

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SCALE:

NONE

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NO SCALE/SHOWN FROM: 10/13/17

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L0.06

PROJECT # 010-05

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