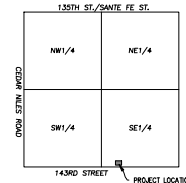


**TREE PRESERVATION SUMMARY**

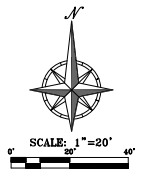
SIGNIFICANT TREES REQUIRED TO BE SAVED	25%
SIGNIFICANT TREE 8" OR GREATER	25 EA.
SIGNIFICANT TREES REMOVED	10 EA.(40%)
SIGNIFICANT TREES SAVED	15 EA.(60%)

- LEGEND:**
- SIGNIFICANT TREES REMOVED
  - SIGNIFICANT TREES PRESERVED

**NOTES:**  
 1. TREE PROTECTION FENCING PER LODD SECTION 19.30.24(B).  
 MUST BE INSTALLED AROUND ALL AREAS OF TREE PRESERVATION ON SITE.



SCALE: 1"=2000'  
 VICINITY MAP  
 SEC. 32-13-23



PHILAS ENGINEERING, INC.  
 1320 N. Winchster  
 Olathe, Kansas 66061  
 PH: (913) 391-7646  
 www.philasengineering.com  
 LICENSE: KS-000000000

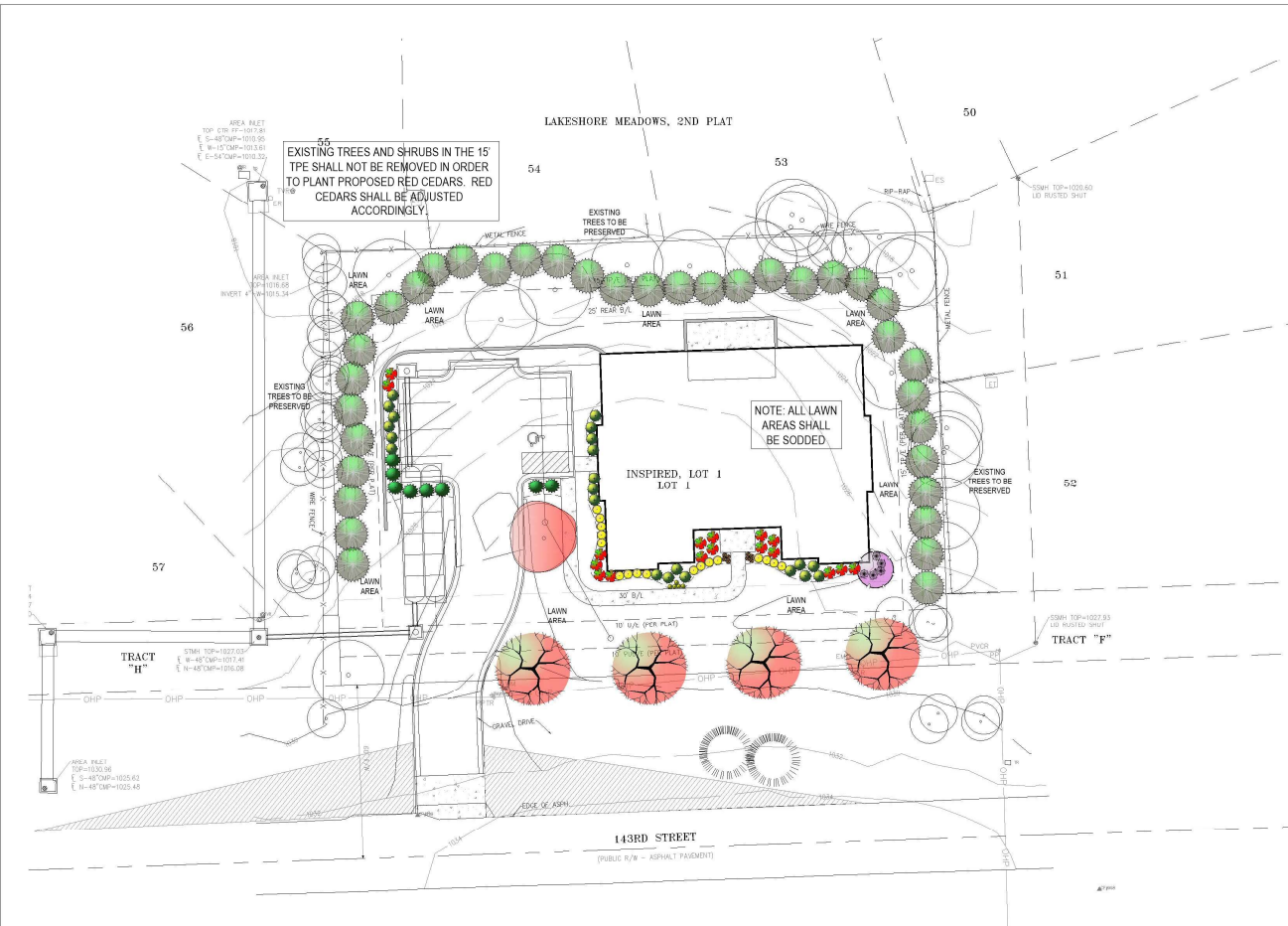


### TREE PRESERVATION PLAN

DESTINY SENIOR LIVING  
 OLATHE, KANSAS

No.	Date	Revised	By	For
1	6/24/24	RELEASED PER CITY COMMENTS	MM	JT

SHEET  
**C2**



**Planting Notes**

1. Location of all existing utilities needs to be done before commencing work.
2. The planting plan graphically illustrates overall plant massing. Each plant species massing shall be placed in the field to utilize the greatest coverage of ground plane. The following applies for individual plantings:
  - a. Creeping groundcover shall be a minimum of 6' from paving edge.
  - b. All trees shall be a minimum of 3' from paving edge.
  - c. All plants of the same species shall be equally spaced apart and placed for best aesthetic viewing.
  - d. All shrubs shall be a minimum of 2' from paved edge.
3. Much all planting bed areas to a minimum depth of 3". Mulch individual trees to a minimum depth of 4".
4. Note: If plants are not labeled - they are existing and shall remain.
5. In the event of work in or on a JCV sanitary main, any trees or plantings placed within the sewer easement may be removed without replacement or compensation there-of and shall be replaced by the property owner as required by the City.
6. All landscaped areas in ROW shall be sodded and irrigated unless otherwise specified.

- Materials:**
1. Plant material shall be healthy, vigorous, and free of disease and insects as per AAS standards.
  2. Shredded bark mulch installed at trees shall be finely chipped and shredded hardwood chips, consisting of pure wood products and free of all other foreign substances. Pine bark compost mulch installed at planting bed areas shall be free of all other foreign substances.
- Installation:**
1. All planting beds shall be amended with 1 cubic yard of peat moss per 1,000 square feet. Till peat moss into soil to a 6" depth. A 10-10-10 fertilizer shall be spread over all planting areas prior to planting, at a rate of 50 pounds per 2,000 square feet.
  2. After plants have been installed, all planting beds shall be treated with Dacthal pre-emergent herbicide prior to mulch application.
  3. Plant pin baskets for trees and shrubs shall be 50% peat or well composted manure and 50% topsoil.
  4. Plant material shall be maintained and guaranteed for a period of one year after Owner's acceptance of finished job. All dead or damaged plant material shall be replaced at Landscape Contractor's expense.
  6. Landscape contractor shall maintain all plant material until final acceptance, at which point the one year guarantee begins.

**Landscape Calculations**

**STREET TREES:**  
One tree per 40 feet of public or private street frontage. (Minus intersecting drives)  
143rd Street = 183 LF. 5 Trees required. 5 Trees provided. (4 new trees, 1 existing tree)  
**REQUIREMENTS MET.**

**PLANTING REQUIREMENTS WITHIN PARKING AND VEHICULAR USE AREAS:**  
Not less than 6% of the interior of a parking lot shall be landscaped - 7 stalls provided X 280sf = 1,960 sf of interior parking lot. 1,960 x .06 = 117.6 sf provided.  
**Requirement Met**

**PARKING LOT PERIMETER LANDSCAPING:**  
A low screen wall combination with low continuous landscaped hedge at least three (3) feet high, planted with a combination of coniferous and deciduous shrubs in a triangular pattern so as to achieve full screening at maturity.  
**Requirement Met**

**NON-RESIDENTIAL LANDSCAPE BUFFER:**  
Street trees provided along 143rd street at 1 per 40'. Existing vegetation is also being preserved as shown on plans.  
**Requirement Met**

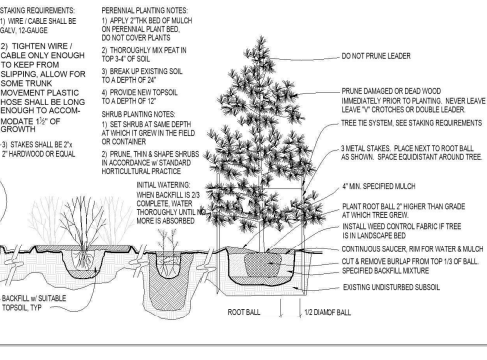
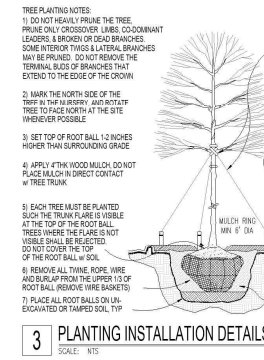
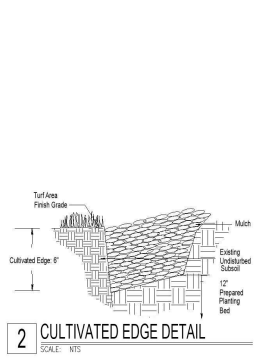
**PARKING LOT ISLAND LANDSCAPING:**  
Trees/shrubs shall be located in Parking Lot Islands.  
**Requirement Met**

**BUILDING FOUNDATION PLANTINGS:**  
Along any building facade or foundation that fronts upon a public right-of-way or a parking lot provided for the building, landscape areas shall be provided equivalent to a minimum of twenty-five (25) percent of each building facade or foundation.  
**Requirement Met**

**SITE DISTANCE TRIANGLES:** Triangles are shown on the plan. There are no shrubs located in these areas. Trees shall be limbed up to 6' height for visibility.

- STREET TREE PLANTING LOCATION REQUIREMENTS:**
1. Not located in the site distance triangle.
  2. 10 feet from box culverts.
  3. 15 feet in front of regulatory signs.
  4. 10 feet behind regulatory signs.
  5. 20 feet from streetlight poles.
  6. 10 feet from fire hydrants.

**1 LANDSCAPE PLAN**  
SCALE: 1"=20'-0"



**Landscape Schedule**

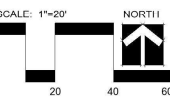
Symbol	Qty	Botanical Name	Common Name	Min. Root	Min. Size	Caliper	Remarks
<b>PERENNIAL TREES</b>							
Q	4	Quercus rubra	Northern Red Oak	25"	6'	min. diam.	ground to canopy
A	1	Acer x fraxinifolium 'Norwegian'	Pacific Sunset Maple	25"	6'	min. diam.	ground to canopy
<b>EVERGREEN TREES</b>							
66	36	Juniper chinensis	Eastern Red Cedar	4"	18'		symmetrical pyramidal form
<b>DECIDUOUS TREES</b>							
1	1	Cercis canadensis	Eastern Redbud		15'		
<b>DECIDUOUS SHRUBS</b>							
17	17	Spiraea x bumalda 'Limemound'	Limemound spirea	5 gal.			Plant @ 3' O.C.
17	17	Hydrangea paniculata 'Quick Fire'	Little Luck Fire Hydrangea	3 gal.			Plant @ 4' O.C.
<b>EVERGREEN SHRUBS</b>							
4	4	Juniperus chinensis 'Sax Cove'	Sax Cove Juniper	3 gal.			Plant @ 4' O.C.
22	22	Juniperus horizontalis 'Sax Cove'	Sax Cove Juniper	3 gal.			Plant @ 4' O.C.
<b>GROUNDCOVERS AND GRASSES</b>							
5	5	Festuca ovina alba	Doyle Blue Fescue	1 gal.			Plant @ 18" O.C.
5	5	Cotoneaster acuminatus 'Vivi Feuer'	Red Fire Cotoneaster	1 gal.			Plant @ 18" O.C.
<b>PERENNIALS</b>							
9	9	Allium 'Millennium'	Onion - Millennium	1 gal.			Plant @ 18" O.C.

**MEIER**  
LANDSCAPE ARCHITECTURE  
15245 Metcalf Ave.  
Overland Park, KS 66223  
913.787.2817



CLIENT  
Destiny Senior Living

PROJECT  
Destiny Senior Living  
25370 W 143RD ST  
Olathe KS



Date: 7.9.2024  
Project #: 1155  
Landscape Plan

**L1**