

1 MASTER FENCE AND SCREENING PLAN
SCALE: 1"=60'-0"

2 TYP. AC SCREENING LANDSCAPE PLAN
SCALE: NTS

3 PLANTING INSTALLATION DETAILS
SCALE: NTS

Landscape Calculations

Nonresidential Landscaping:

A continuous fifteen (15) foot landscape area must be provided with landscaping, at a rate of one (1) deciduous shade or evergreen tree for every thirty (30) LF street frontage. In addition, one (1) ornamental tree must be planted for every three (3) required deciduous shade or evergreen trees.
1101 LF of street frontage on Ridgeview Road
37 Shade Trees Req. 12 Ornamental Trees Req.
37 Shade Trees Provided 12 Ornamental Trees Prov.
Requirements Met.

Internal Parking Lot Planting Requirements:

One (1) shade tree shall be provided for every parking and vehicular use landscape island.
Requirement Met.

Perimeter Parking Lot Planting Requirements:

Along street rights-of-way, parking areas shall be screened to a minimum height of 3 feet as measured from the grade of the parking lot or adjacent street curb, whichever is of the higher elevation.
Requirement Met.

Landscape Site Design Category 3 Requirements:

Planted Buffer with No Fence or Wall A landscaped area at the sidewalk edge that is at least 20 feet deep with a minimum of 70% porous/permeable surfaces and 50% planted material.
Requirement Met.

Buffer Landscaping: NONE REQUIRED (R1 Adjacent to R1) Requirements Met.

Building Foundation Plantings:

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.

Trash Containers:

Trash containers and trash compactors, shall be screened from public view with appropriate landscaping and walls.
Requirement Met.

Landscape Schedule

Symbol	Qty	Botanical Name	Common Name	Max. Ht.	Min. Sp.	Container	Remarks
DECIDUOUS TREES							
	18	Quercus rubra	Northern Red Oak	25'	6'	6" min. clear, ground to canopy	
	18	Quercus macrocarpa	Shade Tree	25'	6'	6" min. clear, ground to canopy	
	18	Quercus macrocarpa	Shade Tree	25'	6'	6" min. clear, ground to canopy	
	18	Quercus macrocarpa	Shade Tree	25'	6'	6" min. clear, ground to canopy	
EVERGREEN TREES							
	18	Juniperus chinensis	Katzenbach Juniper	8'	18"	symmetrical pyramidal form	
	18	Juniperus chinensis	Katzenbach Juniper	8'	18"	symmetrical pyramidal form	
	18	Juniperus chinensis	Katzenbach Juniper	8'	18"	symmetrical pyramidal form	
ORNAMENTAL TREES							
	18	Ginkgo biloba	Eastern Redbud	15'	5'	5" min. clear	
	18	Ginkgo biloba	Eastern Redbud	15'	5'	5" min. clear	
DECIDUOUS SHRUBS/GRASSES							
	18	Festuca arvensis	Deer Blue Fescue	1' gal.	18"	Plant @ 18" O.C.	
	18	Festuca arvensis	Deer Blue Fescue	1' gal.	18"	Plant @ 18" O.C.	
	18	Festuca arvensis	Deer Blue Fescue	1' gal.	18"	Plant @ 18" O.C.	
EVERGREEN SHRUBS							
	18	Juniperus chinensis	Sea Green Juniper	24"	18"	Plant @ 4" O.C.	
	18	Juniperus chinensis	Sea Green Juniper	24"	18"	Plant @ 4" O.C.	
	18	Juniperus chinensis	Sea Green Juniper	24"	18"	Plant @ 4" O.C.	
PERENNIALS							
	18	Allium	White Flowering Onion	1' gal.	18"	Plant @ 18" O.C.	
	18	Allium	White Flowering Onion	1' gal.	18"	Plant @ 18" O.C.	
	18	Allium	White Flowering Onion	1' gal.	18"	Plant @ 18" O.C.	

EXISTING TREES/SHRUBS TO BE PRESERVED

STAKING REQUIREMENTS:

1. WIRE CABLE SHALL BE GALV. GALV. GALV.

2. TIGHTEN WIRE / CABLE ONLY ENOUGH TO KEEP FROM SLIPPING, ALLOW FOR SOME TRUNK MOVEMENT PLASTIC HOSE SHALL BE LONG ENOUGH TO ACCOMMODATE 1/2" OF GROWTH

3. STAKES SHALL BE 2" x 2" HARDWOOD OR EQUAL

PERENNIAL PLANTING NOTES:

1. APPLY 2" THICK BED OF MULCH ON PERENNIAL PLANT BED. DO NOT COVER PLANTS

2. PROVIDE 1" MULCH FEET IN TOP 3/4" OF SOIL

3. BREAK UP EXISTING SOIL TO A DEPTH OF 2"

4. PROVIDE NEW TOPSOIL TO A DEPTH OF 12"

5. SET SHRUB AT SAME DEPTH AT WHICH IT GREW IN THE FIELD OR CONTAINER

6. PRUNE, TRIM & SHAPE SHRUBS IN ACCORDANCE WITH LANDSCAPE HORTICULTURAL PRACTICE

INITIAL WATERING: WATER BACKFILL TO 2" COMPLETE WATER THOROUGHLY UNTIL NO MORE IS ABSORBED

DO NOT PRUNE LEADER

PRUNE DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING. NEVER LEAVE LEAVES Y-CNOTCHES OR DOUBLE LEADER

TREE TIE SYSTEM: SEE STAKING REQUIREMENTS

METAL STAKES: PLACE NEXT TO ROOT BALL AS SHOWN. SPACE EQUIDISTANT AROUND TREE

4" MIN. SPECIFIED MULCH

PLANT ROOT BALL 2" HIGHER THAN GRADE AT WHICH TREE GREW

INSTALL WEED CONTROL FABRIC IF TREE IS IN LANDSCAPE BED

CONTINUOUS SAUCER, RIM FOR WATER & MULCH CUT & REMOVE BURLAP FROM TOP 1/3 OF BALL

SPECIFIED BACKFILL MIXTURE

EXISTING UNDISTURBED SUBSOIL

ROOT BALL

12 DRAINAGE BALL

Planting Notes

1. Location of all existing utilities needs to be done before commencing work.

2. The planting plan graphically illustrates overall plant massings. 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". Much 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 JCW 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.

7. A minimum 1/3 of all planting shall be evergreen species.

8. No tree shall be planted within 15 feet of a streetlight or fire hydrant.

Materials:

1. Plant material shall be healthy, vigorous, and free of disease and insects as per ANSI 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 pit backfill 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.

5. Landscape contractor shall maintain all plant material until final acceptance, at which point the one year guarantee begins.

Olathe Required Notes

a. No tree, shrub, or woody vegetation will be planted within a distance of 10 feet from any fire hydrant or fire department connection (FDC).

b. No trees will be planted within 15 feet of a streetlight.

c. Any landscape materials to be used for screening must be at least the height of the material that it is intended to screen.

d. Landscaped areas must be irrigated.

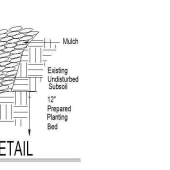
e. Exterior ground-mounted or building-mounted umbrellas must be screened on three sides with plantings at least as tall as the utility box at the time of planting, or an architectural treatment compatible with the building.

MEIER
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15245 Metcalf Ave.
Overland Park, KS 66223
913.787.2817

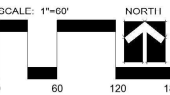


CLIENT
St. John Paul II Parish
Ridgeview Road
Olathe KS

PROJECT
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Ridgeview Road
Olathe KS



4 CULTIVATED EDGE DETAIL
SCALE: NTS



Date: 1.25.2024
Project #: 1100
Landscape Plan

L1



Landscape Schedule

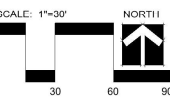
Symbol	Qty	Botanical Name	Common Name	Min. Root	Min. Size	Caliper	Remarks
OVERSTORY TREES							
15	15	Quercus rubra	Northern Red Oak	2.5"	6' min. clear, ground to canopy		
28	28	Gleditsia triacanthos "Shademaster"	Shademaster Honeylocust	2.5"	6' min. clear, ground to canopy		
0	0	Platanus x scabra	London Plane Tree	2.5"	6' min. clear, ground to canopy		
13	13	Acer x fraxinifolium "Wanwood"	Pacific Sunset Maple	2.5"	6' min. clear, ground to canopy		
EVERGREEN TREES							
16	16	Juniperus chinensis "Savoyard"	Savoyard Juniper	6' Ht.	symmetrical pyramidal form		
0	0	Juniperus chinensis	Eastern Red Cedar	6' Ht.	symmetrical pyramidal form		
0	0	Pinus strobus	Norway Spruce	6' Ht.	symmetrical pyramidal form		
DECIDUOUS TREES							
8	8	Cercis canadensis	Eastern Redbud	1.5"			
0	0	Populus tremuloides "Quaking"	Quaking Aspen	1.5"	5' min. clear		
DECIDUOUS SHRUBS/GRASSES							
0	0	Festuca ovina glauca	Sheep Blue Fescue	1 gal.			Plant @ 18" O.C.
95	95	Spiraea x bumalda "Limelight"	Limelight spirea	24" Ht.			Plant @ 3' O.C.
54	54	Hydrangea paniculata "Quick Fire"	Little Quick Fire Hydrangea	24" Ht.			Plant @ 4' O.C.
12	12	Eucalyptus globulus "Composita"	Quick Burning Bush	24" Ht.			Plant @ 5' O.C.
EVERGREEN SHRUBS							
21	21	Juniperus chinensis "Sea Green"	Sea Green Juniper	24" Ht.			Plant @ 4' O.C.
86	86	Juniperus chinensis "Gold Coast"	Gold Coast Juniper	24" Ht.			Plant @ 4' O.C.
0	0	Juniperus chinensis "Spartan"	Spartan Juniper	5' Ht.	symmetrical pyramidal form		
PERENNIALS AND GRASSES							
0	0	Pennisetum setaceum "Fountain"	Fountain Grass	1.0"			Plant @ 18" O.C.
PERENNIALS							
70	70	Allium "Millenium"	Onion - Ornamental	1 gal.			Plant @ 18" O.C.

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Landscape Plan

L2

SHEET
C7