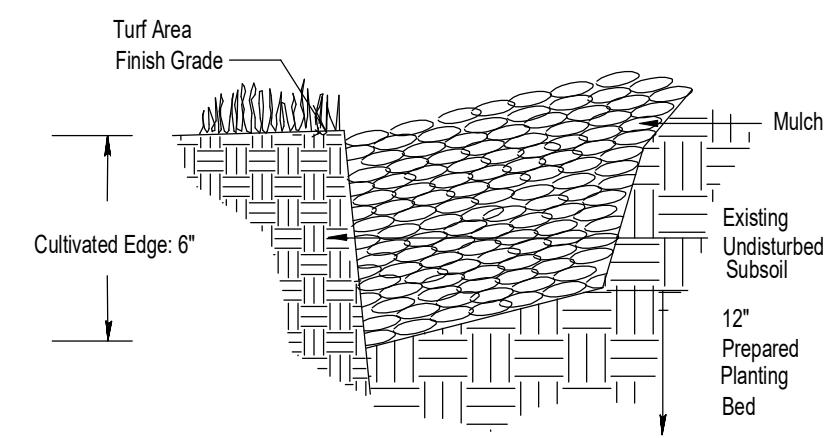


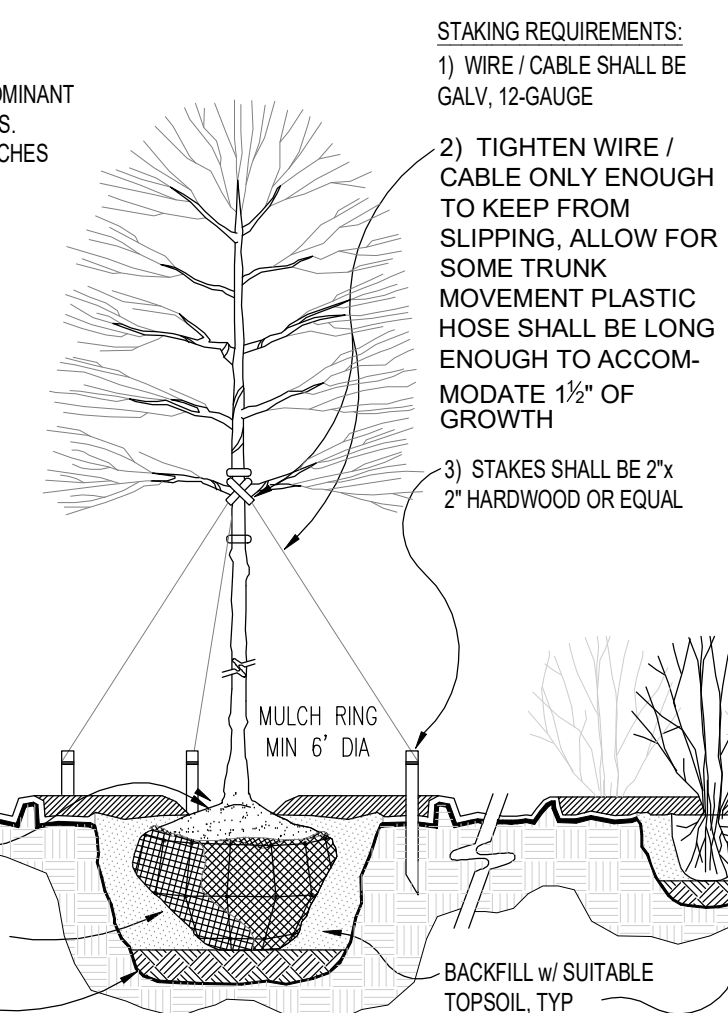


**1 LANDSCAPE PLAN**  
SCALE: 1"=20'-0"



**2 CULTIVATED EDGE DETAIL**  
SCALE: NTS

- TREE PLANTING NOTES:**
- DO NOT HEAVILY PRUNE THE TREE. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, & BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS & LATERAL BRANCHES MAY BE PRUNED. DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN
  - MARK THE NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHENEVER POSSIBLE
  - SET TOP OF ROOT BALL 1-2 INCHES HIGHER THAN SURROUNDING GRADE
  - APPLY 4" THK WOOD MULCH. DO NOT PLACE MULCH IN DIRECT CONTACT w/ TREE TRUNK
  - EACH TREE MUST BE PLANTED SUCH THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL w/ SOIL
  - REMOVE ALL TWINE, ROPE, WIRE AND BURLAP FROM THE UPPER 1/3 OF ROOT BALL (REMOVE WIRE BASKETS)
  - PLACE ALL ROOT BALLS ON UN-EXCAVATED OR TAMPED SOIL, TYP

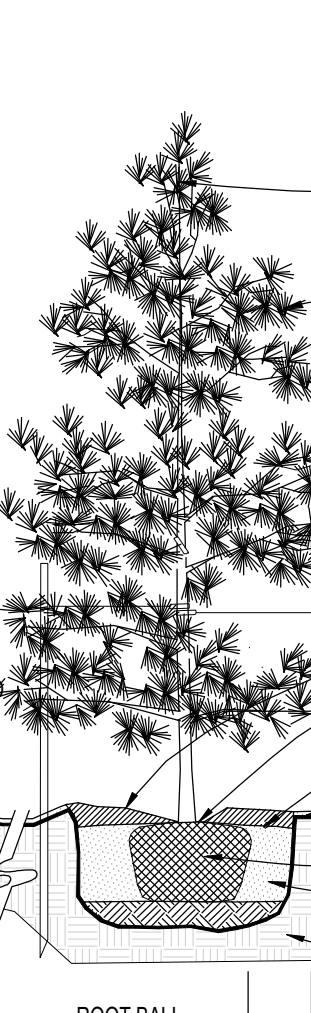


**3 PLANTING INSTALLATION DETAILS**  
SCALE: NTS

- STAKING REQUIREMENTS:**
- WIRE / CABLE SHALL BE GALV. 12-GAUGE
  - TIGHTEN WIRE / CABLE ONLY ENOUGH TO KEEP FROM SLIPPING. ALLOW FOR SOME TRUNK MOVEMENT. PLASTIC HOSE SHALL BE LONG ENOUGH TO ACCOMMODATE 1 1/2" OF GROWTH
  - STAKES SHALL BE 2"x 2" HARDWOOD OR EQUAL

- PERENNIAL PLANTING NOTES:**
- APPLY 2" THK BED OF MULCH ON PERENNIAL PLANT BED. DO NOT COVER PLANTS
  - THOROUGHLY MIX PEAT IN TOP 3-4" OF SOIL
  - BREAK UP EXISTING SOIL TO A DEPTH OF 24"
  - PROVIDE NEW TOPSOIL TO A DEPTH OF 12"

- SHRUB PLANTING NOTES:**
- SET SHRUB AT SAME DEPTH AT WHICH IT GREW IN THE FIELD OR CONTAINER
  - PRUNE: THIN & SHAPE SHRUBS IN ACCORDANCE w/ STANDARD HORTICULTURAL PRACTICE



**Planting Notes**

- Location of all existing utilities needs to be done before commencing work.
- 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:
  - Creeping groundcover shall be a minimum of 6" from paving edge.
  - All trees shall be a minimum of 3' from paving edge.
  - All plants of the same species shall be equally spaced apart and placed for best aesthetic viewing.
  - All shrubs shall be a minimum of 2' from paved edge.
- Mulch all planting bed areas to a minimum depth of 3". Mulch individual trees to a minimum depth of 4".
- Note: If plants are not labeled - they are existing and shall remain.
- All landscaped areas in ROW shall be sodded and irrigated unless otherwise specified.

**Materials:**

- Plant material shall be healthy, vigorous, and free of disease and insects as per AAN standards.
- 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:**

- 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.
- After plants have been installed, all planting beds shall be treated with Dacthal pre-emergent herbicide prior to mulch application.
- Plant pit backfill for trees and shrubs shall be 50% peat or well composted manure and 50% topsoil.
- 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.
- Landscape contractor shall maintain all plant material until final acceptance, at which point the one year guarantee begins.

**Landscape Requirements/Calculations**

- One street tree is required for each 30 feet of street frontage.  
Requirement Met.
- Evergreen shrubs must be planted to form a continuous visual screen along street ROW adjacent to any parking/vehicle areas.  
Requirement Met.
- At least one tree must be provided per 5,000 square feet of principal building coverage (building footprint). Building size is 2880 square Feet.  
0 trees required. Requirement Met.
- At least 35 square feet of interior landscape area must be provided for each parking space.  
14 parking stalls provided.  
490 s.f. required    500 s.f. Provided.    Requirement Met

One tree is required per 5 parking spaces.	3 Trees required	3 Trees provided (Existing Trees)
One shrub is required per parking space.	14 Shrubs required	14 Shrubs provided (Existing Shrubs)

Ground cover plants must cover all interior landscape areas.  
Requirements Met

Dumpster and dock areas must be appropriately screened with evergreens.  
Requirement Met.

**SHORT TERM BIKE PARKING:**

3 short-term bicycle parking spaces or short-term bicycle spaces equal in number to at least 10% of the actual number of off-street vehicle parking spaces provided, whichever is greater.  
14 parking stalls. 3 bike racks provided.  
Requirements Met.

**SPECIES DIVERSITY:**

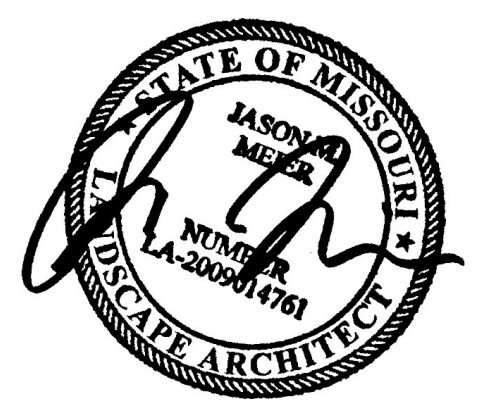
- If less than 50 trees, then not more than 50% may be of a single genus.
- If 50-100 trees, then not more than 50% of a single genus, and not more than 30% of a single species.
- If over 100 trees, then not more than 30% of a single genus, and not more than 20% of a single species.

**TREE LOCATIONS:**

- Space 30 - 60 feet apart. Within this range, space narrow canopied trees closer together and wider canopied trees farther apart. Closer spacing is allowed in some landscaping situations, such as office or business planting with certain tree species.
- Place trees not closer than 50 feet from an approach corner with a traffic signal or sign.
- Place trees not closer than 40 feet from an approach corner without a traffic signal or sign.
- Place trees not closer than 30 feet from a non-approach corner.
- Place trees not closer than 15 feet from a street light.
- Place trees not closer than 8 feet from a driveway.
- Place trees not closer than 5 feet from a fire hydrant.
- Place trees not closer than 5 feet from a storm box, gas valve, water valve, cable box, or any other above ground utility.
- Do not place trees with an average height of more than 40 feet under overhead wires.
- Do not place trees in a bus stop zone where passengers enter and exit bus.

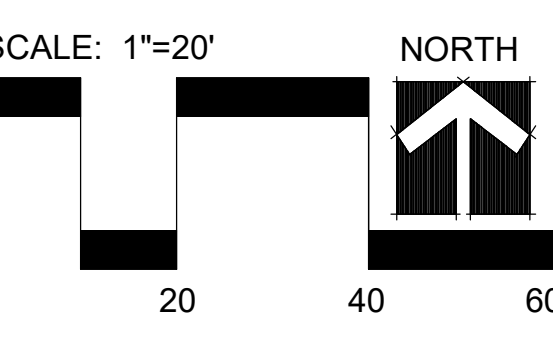
**Landscape Schedule**

Symbol	Qty.	Botanical Name	Common Name	Min.Root	Min.Size	Caliper	Remarks
<b>OVERSTORY TREES</b>							
	3	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust			2"	6' min. clear., ground to canopy
	1	Quercus rubra	Northern Red Oak			2"	6' min. clear., ground to canopy
	3	Acer saccharum 'Legacy'	Legacy Sugar Maple			2"	6' min. clear., ground to canopy
<b>EVERGREEN SHRUBS</b>							
	6	Taxus x media 'densiformis'	Dense Spreading Yew	3 gal.			Plant @ 4' O.C.
	12	Juniperus chinensis 'Sea Green'	Sea Green Juniper	3 gal.			Plant @ 4' O.C.
	9	Juniperus chinensis 'Gold Coast'	Gold Coast Juniper	3 gal.			Plant @ 4' O.C.
	3	Juniperus chinensis 'Spartan'	Spartan Juniper		5' ht.		Symmetrical pyramidal form
<b>EXISTING TREES TO BE REMOVED</b>				<b>EXISTING TREES/SHRUBS TO BE PRESERVED</b>			



**CLIENT**  
Rod Khalil  
5030 Blue Ridge Cutoff  
Kansas City, Missouri

**PROJECT**  
Rod Khalil Project  
5030 Blue Ridge Cutoff  
Kansas City, Missouri



Date: 3.5.2021  
Project #: 684  
Landscape Plan