

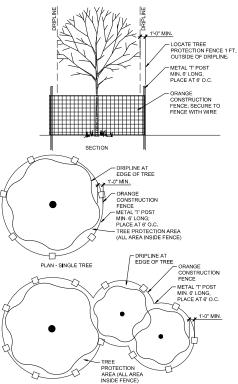
VIAITIE INCE PRESERVATION
Tree Preservation (Per UDO 18.30.240)
Protected Tree Designations: A significant tree means a tree of eight (8) inches or greater, as measured four and one-half (4%) feet above the ground, for all tree species except for non-native invasive species. The applicant may omit trees that are not considered significant from the tree

Required: 30% significant trees preserved (up to 90% of sig. trees mitigated) for nonresidential use

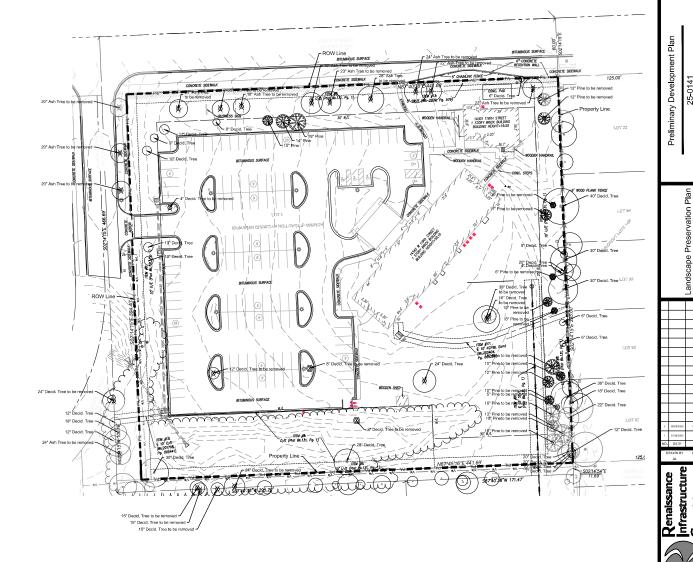
Provided: Total Existing: 1,017 cal. in. @ 30% = 305 cal. in. to be preserved/mitigated Existing to be preserved: 421 cal. in. (41%)

EXISTING PLANT LEGEND

SYMBOL BOTANICAL / COMMON NAME EXISTING PLANTS Existing Conifer Tree to be Removed Existing Deciduous Tree to Remain



TREE PROTECTION DETAIL - NTS





Building KS 66062

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AdventHealth N 4345 W 119th S

Consulting

Sheet

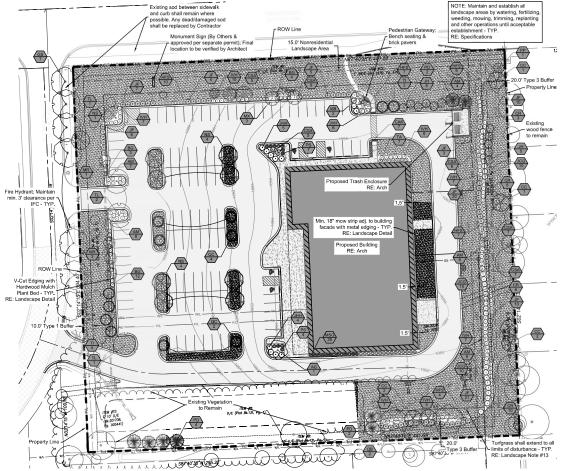
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PLAN - TREE GROUP

GENERAL NOTE

REFER TO SHEET L03 FOR LANDSCAPE DETAILS AND NOTES.

IN THE EVENT OF WORK IN OR ON THE 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



OLATHE LANDSCAPE CALCULATIONS

Street Trees (Per UDO 18.30,130.G)
Required: 1 tree / 40' street frontage

Alcan Street = 7 street trees

*Street trees are required along street right-of-way of public or private street frontage. excluding arterial and minor arterial streets where perimeter landscaping is required by this section

Screening (Per UDO 18.30.130.I) Required: All exterior-mounted

All exterior-mounted equipment and trash screened from public view Provided: As required

Buffer (Per UDO 18.30.130.J)
Required: Type 1: 10' width buffer = 1 shade. 1 ornamental. 1 evergreen. + 20 shrubs / 100' Type 3: 20' width buffer = 1.5 shade, 1 ornamental, 1.5 evergreen, + 35 shrubs / 100' + min. 6' ht.

> Type N: 20% reduction in width; Any combination of trees or shrubs is acceptable where: (1) the existing vegetation provides at least the number of equivalent planting units required by Table 18.30.130-2, or (2) the existing vegetation provides complete visual screening from the adjoining

East (395'): Type 3 = 20' buffer, 6 shade (14 existing), 4 ornamental, 6 evergreen, 138 shrubs Southeast (1641; Type 3 = 20' buffer, 2 shade, 2 ornamental, 2 evergreen, 5' shrubs Southwest (277): Type N = 16' buffer, 1,5 ePUs 100 LF = 4.16 EPUs required

Existing vegetation + 4 evergreen

West (394'): Type 1 = 10' buffer, 4 shade (2 existing), 4 ornamental, 4 evergreen, 79 shrubs

Nomesidential Landscaping (Per UDO 18.30.130.L)

Applicability: Within the front and corner side yards where a street separates a nonresidential use from property zoned or designated on the Comprehensive Pien Map for residential use

Required. 15' width; 1 shade or evg tree / 30' street frontage + 1 omamental / 3 trees

Provided: 119th Street (442') = 15' width, 2 existing shade, 13 evergreen trees (3 existing), 5 ornamentals

Parking & Vehicular Use Areas; Perimeter (Per UDO 18.30.130.M.2) Required: cont. shrub hedge min. 3' ht. adj. to ROW Provided: cont. shrub hedge as required

Parking & Vehicular Use Areas; Interior (Per UDO 18.30.130.M.3)

1 island / 20 parking spaces; 1 shade tree / island Provided: 106 parking spaces = 5 parking islands & trees min.

Building Facade/Foundation Landscaping (Per UDO 18.30.130.0)
Applicability: Nonresidential developments. Does not apply to building facades abutting a sidewalk or

Applicationally, Normoscienta overeignments, Does not apply to uniting factores around a solvent for the rear yard. Building facedes adjacent to public ROW or a parking to.

Required: Landscape area equivalent to 25% building facede with 75% plant coverage; shrubs must be 3' ht.; deciduous & ornamental trees incorporated where appropriate. Planting areas must have a millimum width of either six (6) feet or the equivalent of twenty (20) /

percent of the building façade height as measured from the ground elevation to the top

of the wall or parapet, whichever is greater. North: adjacent to sidewalk East: not facing public ROW or parking lot South: not facing public ROW or parking lot West: adjacent to sidewalk



Plan

Development

Preliminary

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25-0141 Medical (Street, Ol

Sheet L02

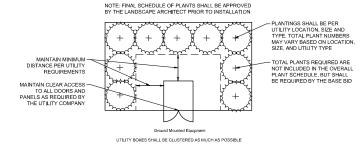
Renaissance Infrastructure

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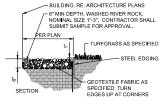
- 1 TREES MUST NOT BE PLACED WITHIN LITHITY FASEMENTS, BUT WITHIN AD IACENT AREAS THAT DO NOT CONFLICT WITH SUCH PUBLIC EASEMENTS AND MEET SITE LANDSCAPING REQUIREMENTS.
- THE DEVELOPER, ITS SUCCESSOR, AND/OR SUBSEQUENT OWNERS AND THEIR AGENTS WILL MAINTAIN LANDSCAPING ON THE PROPERTY ON A CONTINUING BASIS FOR THE LIFE OF THE DEVELOPMENT.
- 3 PLANT MATERIALS WHICH EXHIBIT EVIDENCE OF INSECT PESTS, DISEASE AND/OR PLANT WATERIALS WHICH EARIEM EVIDENCE OF INSECT PESTS, DISEASE, AND/OP DAMAGE MUST BE APPROPRIATELY TREATED. DEAD PLANTS MUST BE PROMPTLY REMOVED AND REPLACED.
- ALL LANDSCAPING IS SUBJECT TO PERIODIC INSPECTION BY THE PLANNING OFFICIAL OR DESIGNEE.
- 5. THE PROPERTY OWNER WILL MAINTAIN LANDSCAPE AREAS IN GOOD CONDITION AND IN A WAY THAT PRESENTS A HEALTHY, NEAT, AND ORDERLY APPEARANCE THIS MAINTENANCE MUST INCLUDE WEEDING, WATERING, FERTILIZING, PRUNING, MOWING, EDGING, MULCHING, OR OTHER MAINTENANCE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES.
- THE CITY MAY CAUSE REMOVAL OF ANY DEAD OR DISEASED TREES, PLANTS, AND SHRUBS ON PRIVATE PROPERTY WITHIN THE CITY, WHEN THOSE TREES, PLANTS. AND SHRUBS CONSTITUTE A HAZARD TO LIFE AND/OR PROPERTY OR HARBOR INSECTS OR DISEASE WHICH CONSTITUTES A POTENTIAL THREAT TO OTHER TREES, PLANTS, OR SHRUBS WITHIN THE CITY
- 7. NO TREE, SHRUB, OR WOODY VEGETATION WILL BE PLANTED WITHIN A DISTANCE OF 10 FEET FROM ANY FIRE HYDRANT OR FIRE DEPARTMENT CONNECTION (FDC) TO THE SPRINKLER SYSTEM.
- 8. NO TREES MAY BE PLANTED WITHIN 15 FEET OF A STREET LIGHT.
- ALL EXTERIOR-MOUNTED AND ALL ROOFTOP BUILDING HVAC AND MECHANICAL EQUIPMENT, VENTS, PIPING, ROOF ACCESS LADDERS, AND UTILITY METERS MUST BE LOCATED OUT OF VIEW OR OTHERWISE SCREENED FROM PUBLIC VIEW FROM ALL ADJACENT STREETS. SCREENING MUST BE ACCOMPLISHED WITH LANDSCAPING, SCREEN WALLS, BUILDING ELEMENTS, OR A COMBINATION OF
- EXTERIOR GROUND-MOUNTED OR BUILDING-MOUNTED EQUIPMENT INCLUDING BUT NOT LIMITED TO, MECHANICAL EQUIPMENT, UTILITIES' METER BANKS AND COOLERS MUST BE SCREENED FROM PUBLIC VIEW WITH THREE SIDED LANDSCAPING OR WITH AN ARCHITECTURAL TREATMENT COMPATIBLE WITH THE
- 11. ALL NEW ON-SITE WIRING AND CABLES MUST BE PLACED UNDERGROUND.
- 12. ANY LANDSCAPE MATERIAL TO BE USED FOR SCREENING MUST BE AT LEAST THE HEIGHT OF THE MATERIAL THAT IT IS INTENDED TO SCREEN

LANDSCAPE NOTES

- 1 LOCATE UTILITIES PRIOR TO COMMENCING LANDSCAPE OPERATIONS ALL TREES SHALL BE FIELD POSITIONED AS TO AVOID CONFLICTS WITH EXISTING AND PROPOSED UTILITIES. NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS OR OBSTRUCTIONS.
- 2. CONTRACTOR SHALL STAKE ALL PLANTING AREAS IN THE FIELD PRIOR TO PLANTING FOR APPROVAL OF THE OWNER OR THEIR REPRESENTATIVE.
- QUANTITIES SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ALL PLANT OLIANTITIES PRIOR TO RIDDING AND SHALL BE RESPONSIBLE FOR ALL QUANTITIES FOR THEIR BID. ANY DISCREPANCIES WITH THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE PLAN QUANTITIES SHALL SUPERCEDE SCHEDULED QUANTITIES.
- 4. PLANT SYMBOLS ON LANDSCAPE PLAN ARE SHOWN AT FULL MATURE SIZE. ACTUAL PLANT SIZES AT INSTALLATION MAY BE SMALLER AND SHALL BE THE MINIMUM PLANTING SIZE SPECIFIED IN PLANT SCHEDULE.
- ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY AND SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 THE 'AMERICAN STANDARD FOR NURSERY STOCK'.
- 6. ALL PLANTING BEDS & NATIVE GRASS STANDS SHALL BE EDGED AS SHOWN IN PLAN.
- 7. PREPARE PLANTING BEDS AND INCORPORATE AMENDMENTS ACCORDING TO PLANS.
- SHREDDED HARDWOOD MULCH, PER SPECIFICATIONS SHALL BE USED AS A THREE INCH (3") TOP DRESSING IN ALL PLANTING BEDS AND AROUND ALL TREES. SINGLE TREES AND SHRUBS SHALL BE MULCHED TO THE OUTSIDE EDGE OF THE SAUCER OR
- 9. ALL TREES SHALL BE STAKED PER DETAIL
- 10. ALL PLANT MATERIAL SHALL BE INSTALLED TO ALLOW A ONE FOOT (1') CLEARANCE TWEEN PLANT AND ADJACENT PAVEMENT
- 11. THE LANDSCAPE CONTRACTOR SHALL NOT COMMENCE WORK UNTIL THE SITE IS FREE OF DEBRIS CAUSED BY ON-GOING CONSTRUCTION OPERATIONS. REMOVAL OF DEBRIS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. LANDSCAPE WORK SHALL NOT BEGIN UNTIL THE LANDSCAPE ARCHITECT AND OWNER HAVE GIVEN. ITEN APPROVAL FOR SUCH. THERE SHALL BE NO DELAYS DUE TO LACK OF COORDINATION FOR THIS ACTIVITY.
- 12. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO SODDING/SEEDING OPERATIONS.
- 13. ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT DESIGNATED FOR OTHER PLANTINGS OR HARDSCAPE SHALL BE SODDED WITH TURF TYPE FESCUE.
- 14. ALL LANDSCAPE AREAS SHALL BE IRRIGATED, TURF AREAS SHALL BE IRRIGATED BY SPRAY OR ROTOR, PLANT BEDS SHALL BE IRRIGATED BY DRIP IRRIGATION, IRRIGATION SYSTEM SHALL INCLUDE AUTOMATIC RAIN-SENSOR DEVICE. IRRIGATION SHOP
 DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR FOR APPROVAL PRIOR TO
- 15. ALL GRAVEL SHALL BE INSTALLED OVER GEOTEXTILE FABRIC (MIRAFI 140N OR



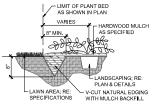
UTILITY BOX SCREENING DETAILS - NTS



- SET ALL EDGING 1" ABOVE FINISH GRADE AS SHOWN.
 EDGING SHALL ABUT ALL CONCRETE CURBS AND WALKS PERPENDICULAR AND FLUSH WITH TOP OF CONCRETE
- PERFENDICULAR AND FLUSH WITH TOP OF CONCRETE
 ALL JOINTS SHALL BE SECURELY STAKED
 CONTRACTOR SHALL CUT TOP EDGES AS NEEDED TO BE
 PARALLEL WITH GRADE.
- PARALLEL WITH GRADE.
 ALL GRAVEL SHALL BE INSTALLED OVER A GEOTEXTILE FABRIC (MIRAFI 140N OR APPROVED EQUAL).
 GRAVEL SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION. FILTER FABRIC SHALL NOT BE VISIBLE AFTER GRAVEL INSTALLATION.

MOW EDGE DETAIL - NTS

- CONTRACTOR SHALL LOCATE AND MARK ALL PLANTBED LOCATIONS PRIOR TO EXCAVATING FOR FINAL APPROVAL BY OWNER OR LANDSCAPE ARCHITECT
- TRANSITION TO MULCH CONTAINMENT DETAIL AT ALL LOCATIONS ADJACENT TO CURBS & SIDEWALKS. RE: DETAIL, THIS SHEET.
- CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO TRENCHING OR LANDSCAPE INSTALLATION.



V-CUT NATURAL EDGE DETAIL - NTS

- TREES THAT DO NOT MEET THE SIZE REQUIREMENT WILL BE REJECTED
- TREES SHALL BE INSPECTED BY OWNERS REPRESENTATIVE PRIOR TO

PRUNE OUT ANY DEAD OR BROKEN BRANCHES AND REMOVE DEBRIS FROM SITE. SECURE TREE TO STAKES WITH STRAPS (RE-SPECS). STRAPS SHALL BE LOOSE ENOUGH TO ALLOW SOME MOVEMENT OF THE TRUNK WITH THE WIND SET TREE WITH TOP OF ROOT BALL FLUSH WITH GRADE TRUNK FLARE MUST BE VISIBLE AT THE TOP OF ROOT
BALL. REMOVE EXCESS SOIL TO TOP OF LATERAL ROOTS. - MIN. 6' LONG STEEL STAKES SECURED INTO UNDISTURBED SOIL. PLACE NORTH AND SOUTH OF TREE. 3" MULCH PER SPECIFICATIONS. DO NOT PLACE ON TRUNK OR TRUNK FLARE. BERM AT OUTER EDGES OF RING TO CREATE A SAUCER FORM. REMOVE TWINE AND CAGE FROM ROOT BALL AND TRUNK. PEEL AND REMOVE BURLAP FROM TOP 1/3 OF THE ROOT BALL PLANTING HOLE SHALL BE AT LEAST 3 TIMES. WIDER THAN THE SPREAD OF ITS ROOTS BUT NO DEEPER, PLACE ROOT BALL ON UNDISTURBED SOIL WITH ROOT FLARE EVEN WITH OR 1" ABOVE GRADE. SCARIFY SIDES 3 x ROOT BALL DIA AMEND SOIL ACCORDING TO SPECIFICATIONS SECTION

TRENCH ALL EDGES ADJACENT TO SIDEWALK OR OTHER HARDSCAPE SURFACES FOR MULCH CONTAINMENT LANDSCAPING AS SPECIFIED HARDWOOD MULCH AS SPECIFIED TRENCH EDGE AROUND PLANTING BEDS BACKFILL WITH HARDWOOD MULCH AS SPECIFIED SIDEWALK OR HARDSCAPE SURFACE MULCH CONTAINMENT DETAIL - NTS

PRUNE OUT ANY DEAD OR BROKEN BRANCHES. CUT ANY GIRDLING ROOTS OFF CLOSE TO THE CROWN. PRY LONG INSTALL 3" OF HARDWOOD MULCH THROUGHOUT PLANTING ROOTS OUT TO DIRECT INTO NEW SOIL BED. LEAVE A 6" BARE CIRCLE PLACE SHRUB SO CROWN IS AT SOIL LEVEL PROVIDE MULCH - FILL PLANTING HOLE WITH AMENDED CONTAINMENT EDGE SOIL MIX ACCORDING TO SPECIFICATIONS, CONSTRUCT RING ADJACENT TO HARDSCAPE RE: DETAIL AROUND PLANTED SHRUB TO FORM CURB WHERE APPLICABLE MAINTAIN A MINIMUM OF 4 TO CENTER OF ROOTBALL FROM BACK OF CURE SCARIFY PIT BOTTOM (MIN. 6") DIA. SECTION

1. REFER TO SPECIFICATIONS FOR TOPSOIL BACKFILL MIX

- CONTRACTOR TO WATER THOROUGHLY AFTER PLANTING INSTALLATION TO BE IN ACCORDANCE WITH PLANTING SPECIFICATIONS WHERE ADJACENT TO CURB, MAINTAIN THE MINIMUM OFFSET SHOWN. FOR SHRUBS
- LARGER THAN 4' MATURE DIAMETER, PROVIDE A GREATER OFFSET EQUAL TO 1/2 OF THE MATURE DIAMETER MINIMUM.

SHRUB PLANTING DETAIL - NTS

PLANTING POCKET PLAN - LANDSCAPING; RE: PLAN 3" HARDWOOD MULCH AMENDED PLANTING SOIL MIX ACCORDING TO SPECIFICATIONS

CONTAINER PLANTING DETAIL - NTS

DECIDUOUS TREE PLANTING DETAIL - NTS

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Development

Preliminary

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