

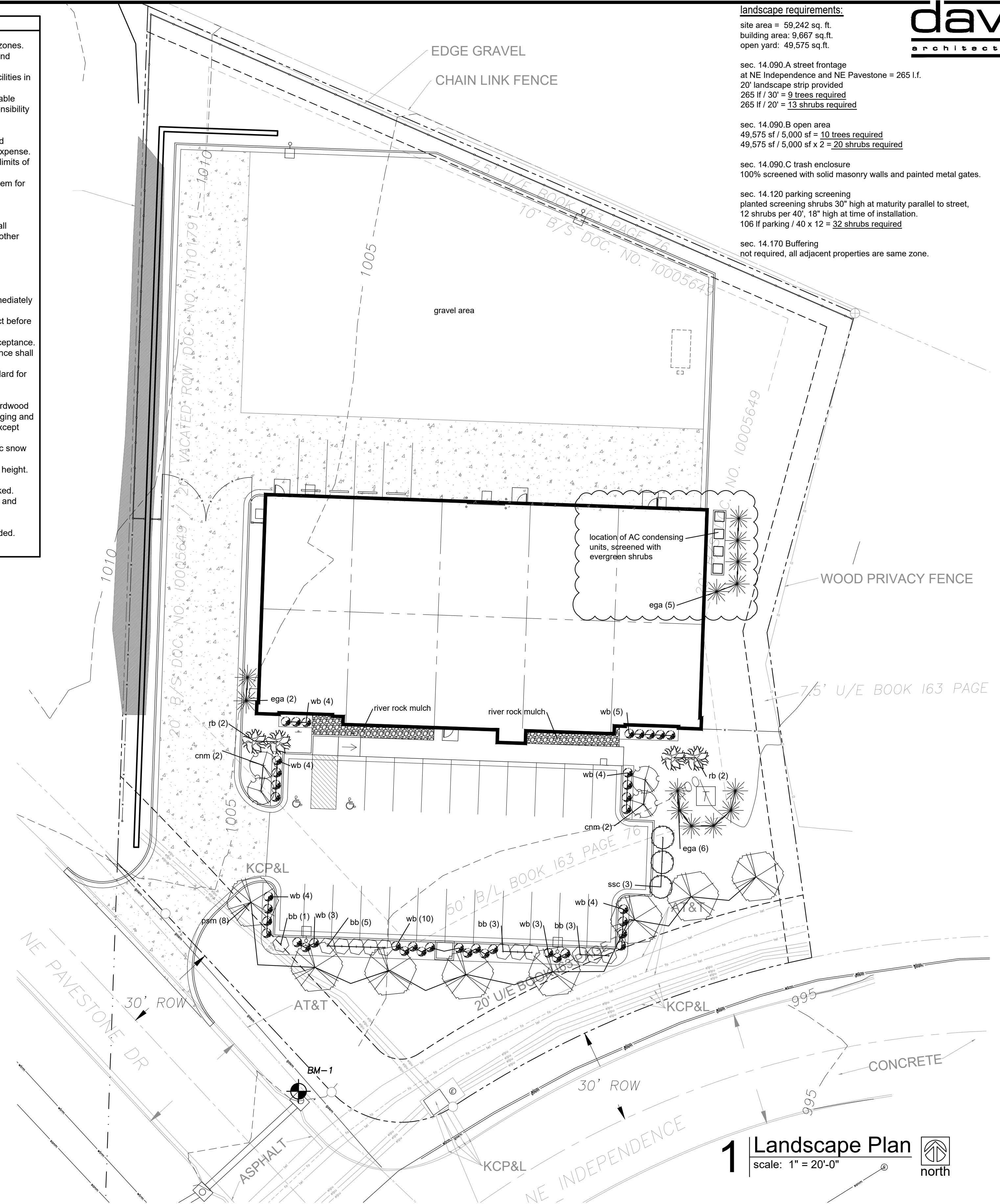
## Tree and Shrub Planting List

	item	qty.	common name	botanical name	size and condition
shade trees	psm	8	pacific sunset maple	acer truncatum x a. platanoides 'warrenred'	3" cal.
	cnm	4	columnar norway maple	acer platanoides 'columnare'	3" cal.
ornamtl.	ssc	3	spring snow crabapple	malus 'spring snow' (fruitless)	3" cal.
	rb	4	redbud	cercis canadensis	3" cal.
dec. shrub	bb	12	dwarf burning bush	euonymus alata 'compacta'	3 gallon, 18-24 inches
evgrn shrub	wb	40	wintergreen boxwood	buxus microphylla	3 gallon, 18-24 inches
	ega	13	emerald green arborvitae	thuja occidentalis 'emerald green'	4' -5' high

washed river rock mulch area

total: 19 trees, 65 shrubs  
Evergreen arborvitae shrubs listed above will be used to screen all pad mounted hvac equipment.

- landscape notes:
- Landscape shall be coordinated with the location of utilities, driveways and traffic clearance zones.
  - The contractor doing excavation on public right-of-way shall give 48 hours advance notice to and obtain information from utility companies.
  - Prior to commencement of work, the contractor shall notify all those companies which have facilities in the near vicinity of the construction to be performed.
  - Existing underground, overhead, utilities and drainage structures have been plotted from available information and therefore, their locations must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies to locate their utilities before actual construction.
  - Contractor shall verify location of and protect all utilities and structures. Damage to utilities and structures shall be repaired by the contractor to the satisfaction of the owner at no additional expense.
  - Entire landscaped site to be irrigated by underground system, including right of way as req'd. (limits of sod including all other disturbed areas and all planting beds)
  - Irrigation system shall include an automatic rain sensor. Contractor shall provide irrigation system for all planted and seeded areas on site.
  - All landscape materials shall be installed in accordance with the current planting procedures established by the most recent addition of the American Standard for Nursery Stock.
  - Trees planted per this plan shall be installed during the spring (march 15 through june 15) or fall (september 15 through december 1). Written city approval will be required for planting during other times of the year.
  - Stake and guy all trees per planting details.
  - Install all shrubs and groundcover per planting details.
  - Elevation of top of mulch shall be 1/2" below any adjacent pavement/turf areas.
  - Root stimulator shall be applied to the soil backfill of each plant during installation.
  - Contractor shall verify all landscape material quantities and shall report any discrepancies immediately to the Landscape Architect.
  - Contractor shall stake plant locations in the field and have approval by the Landscape Architect before proceeding with installation.
  - Contractor shall guarantee all plant material for a period of one (1) year from date of initial acceptance. Contractor is responsible for maintaining plant material until acceptance is received. Maintenance shall include watering, maintaining plants in vertical position and shrub bed weed control.
  - All plant material shall meet or exceed minimum requirements defined by the "American Standard for Nursery Stock" ANSI Z60.1.
  - No plant material shall be substituted without written approval.
  - Trees and seasonal color areas shall be mulched with three (3) inches minimum shredded hardwood mulch. Planting beds as delineated shall be separated from pavement/turf areas with metal edging and mulched with three (3) inches minimum shredded hardwood mulch over weed barrier fabric, except where otherwise specified.
  - All existing plant material to be retained shall be wrapped with orange, or bright, colored plastic snow fence around base of trees and around all shrubs. Stake to hold in place during construction.
  - All shrubs used as parking buffer to be min. 18" tall at planting and maintained to at least 2'-6" height. Install plants not to encroach upon cars parked, when at full growth.
  - All trees with above a 3" caliper shall be double staked, while smaller trees shall be single staked.
  - Ground mechanical and electrical equipment shall be wholly screened from street right-of-way and residential developments.
  - Maximum slope shall be not greater than 3 : 1.
  - All portions of site not covered by building, paving, gravel, mulch, plantings, etc. are to be sodded.



landscape requirements:

site area = 59,242 sq. ft.  
building area: 9,667 sq. ft.  
open yard: 49,575 sq. ft.

sec. 14.090.A street frontage  
at NE Independence and NE Pavestone = 265 l.f.  
20' landscape strip provided  
265 lf / 30' = 9 trees required  
265 lf / 20' = 13 shrubs required

sec. 14.090.B open area  
49,575 sf / 5,000 sf = 10 trees required  
49,575 sf / 5,000 sf x 2 = 20 shrubs required

sec. 14.090.C trash enclosure  
100% screened with solid masonry walls and painted metal gates.

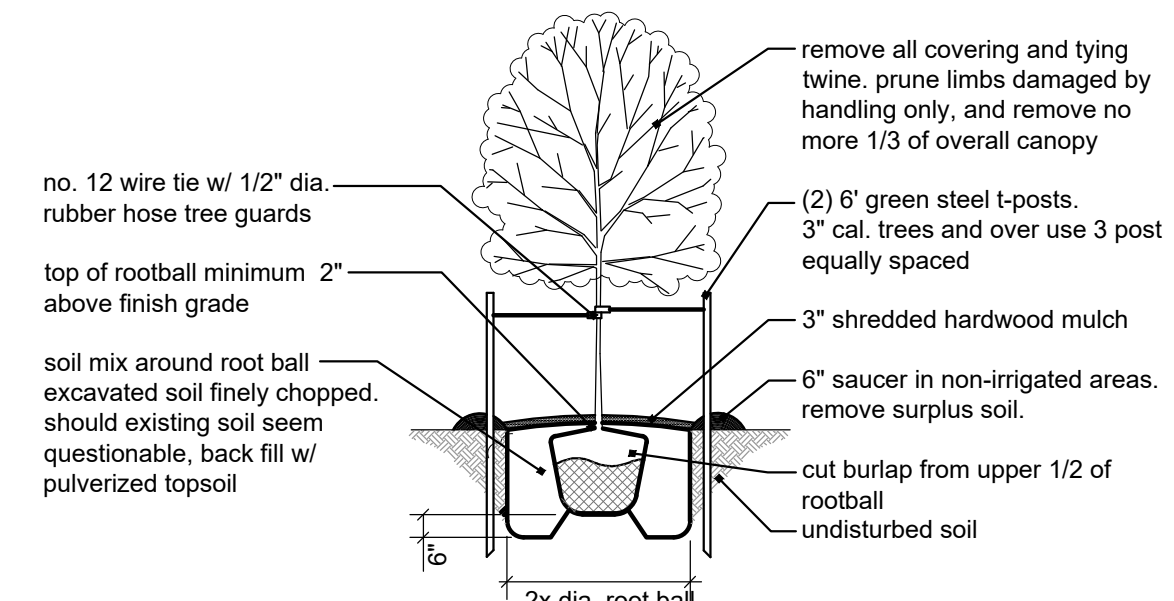
sec. 14.120 parking screening  
planted screening shrubs 30" high at maturity parallel to street,  
12 shrubs per 40', 18" high at time of installation.  
106 lf parking / 40 x 12 = 32 shrubs required

sec. 14.170 Buffering  
not required, all adjacent properties are same zone.

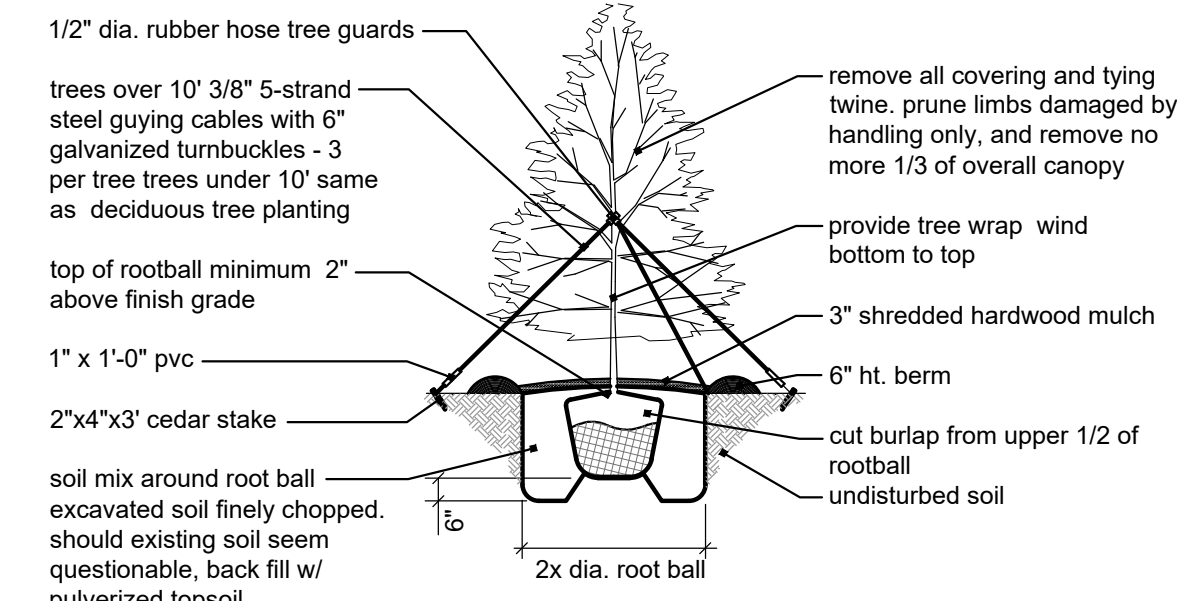


10.10.2018

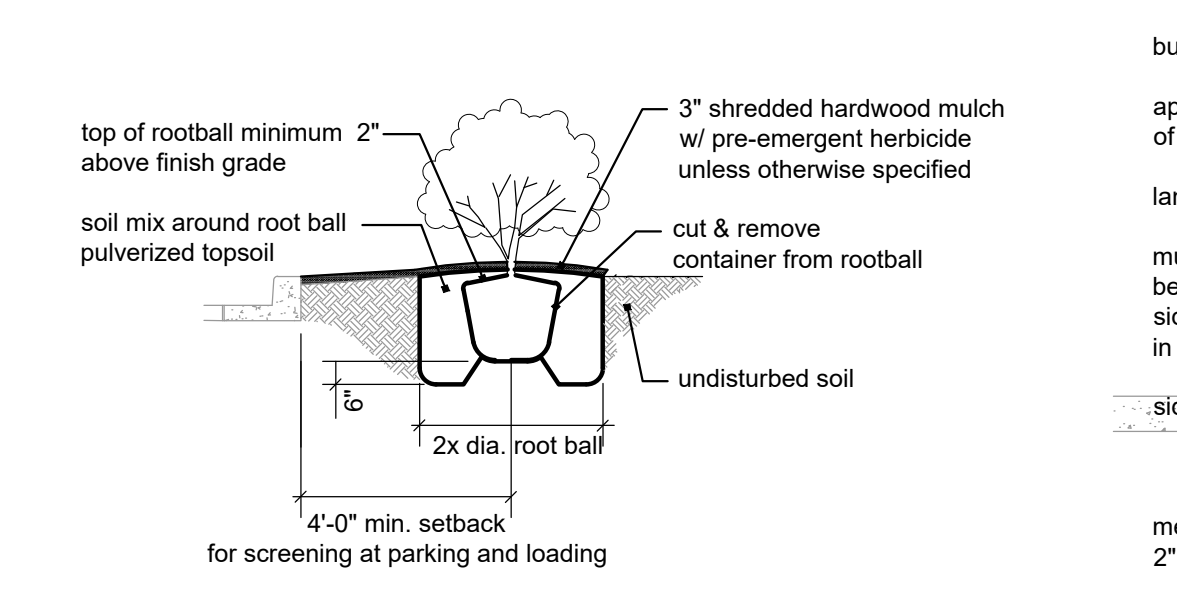
**1 Landscape Plan**  
scale: 1" = 20'-0"  
north



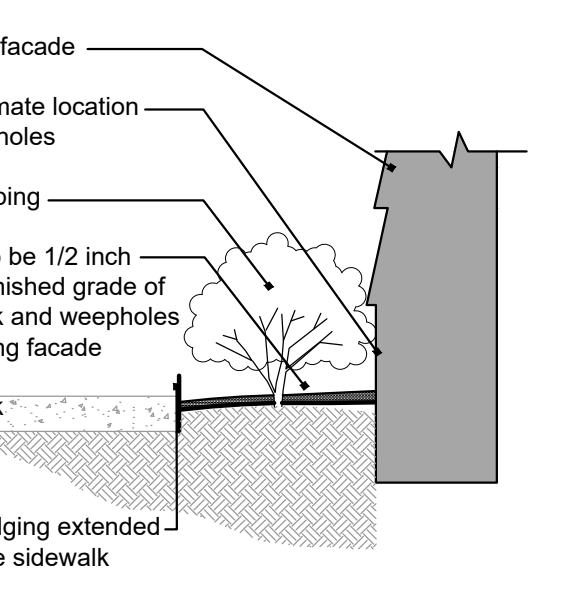
**5 Deciduous Tree Planting Detail**  
not to scale



**4 Evergreen Tree Planting Detail**  
not to scale



**3 Shrub Planting Detail**  
not to scale



**2 Edging Detail**  
not to scale

a new development for

**IBC**

2320 NE Independence Ave.  
Lee's Summit, Missouri 64064

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