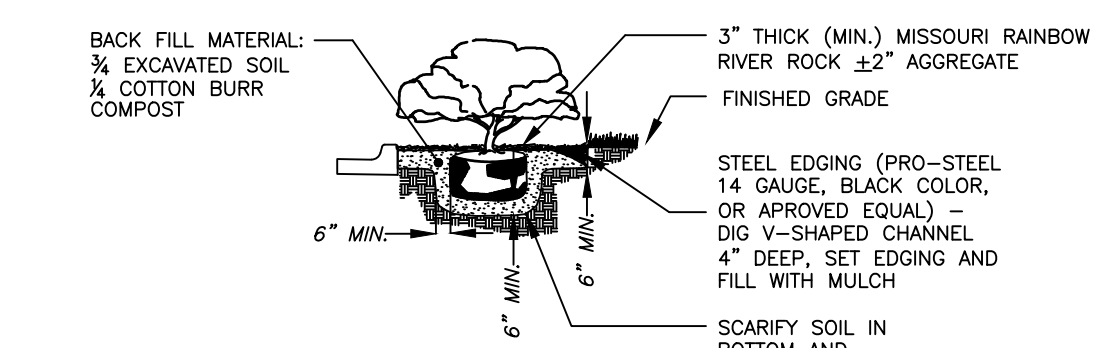


**1 PLANTING PLAN**  
SCALE: 1"=20'



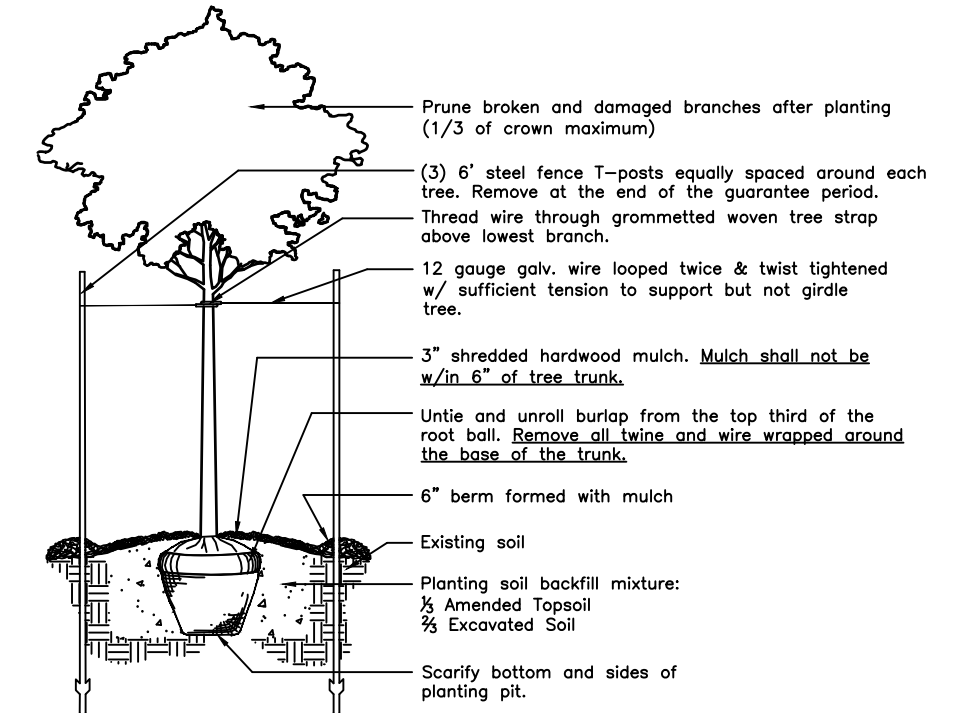
**2 SHRUB BED & EDGING DETAIL**  
NTS

**PLANT SCHEDULE**

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	REMARKS
ORNAMENTAL TREE	UA	4	Ulmus americana 'Jefferson'	Jefferson Elm	3" Cal.	B&B	
	AT	9	Acer tataricum 'Hot Wings'	Hot Wings Maple Clump	6' Ht.	B&B / Cont.	3-5 Cane - 3" Cal. Cumulative
	MR	8	Malus x 'Royal Raindrops'	Royal Raindrops Crabapple	3" Cal.	B&B	
SHRUBS	CDT	18	Chaenomeles x 'Double Take' TM	Double Take Quince	18" Ht.	Pot	
	JCG	43	Juniperus chinensis 'Gold Lace'	Gold Lace Juniper	18" Ht.	Pot	
	VXR	10	Viburnum x rhytidophylloides	Alleghany Viburnum	24" Ht.	Pot	
ORNAMENTAL GRASS	MSG	21	Miscanthus sinensis 'Gracillimus'	Maiden Grass	1 gal	Pot	
	NSG	40	Panicum virgatum 'Northwind'	Northwind Switch Grass	1 gal		

**LANDSCAPE PLAN NOTES:**

- Existing underground (u/g), overhead (o.h.) 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 verify existence and location of all utilities before starting any work.
- Prior to commencement of work, the contractor shall give 48 hours advance notice to all those companies/utilities which have facilities in the near vicinity of the construction to be performed.
- Contractor shall verify all landscape material quantities and shall report any discrepancies immediately to the Landscape Architect.
- No substitutions for variety or cultivar shall be accepted without first obtaining written approval from Landscape Architect.
- All plant material shall be of excellent quality, free of disease and infestation, and true to type, variety, size specified, and form per the American Standard for Nursery Stock (ANSI Z60.1 current version), published by the American Nurserymen's Association.
- All shrub beds in lawn areas shall be edged as shown in the planting details.
- All planting areas, as well as a minimum width of 18" from building foundation, shall receive 3" minimum depth of 2" Kansas River Rock as detailed, unless otherwise noted. In landscape beds, rock mulch shall be a consistent 3" depth throughout. Rock mulch shall be placed on top of woven weed fabric (DeWitt Pro-5, or equal), which shall be secured in place with sod pins.
- Trees planted in turf areas shall have a 3" ring of shredded hardwood mulch formed into a saucer in a minimum ring twice the diameter of the rootball from the trunk.
- Contractor shall thoroughly water in each plant immediately following installation.
- No plantings shall be placed closer than 4' from the back of curb to allow for vehicle bumper overhang.
- Contractor shall be responsible for calculating all areas of sod and seed and the amounts of each needed for optimum coverage.
- Contractor shall install sod in all turf areas. Sod shall be turf-type tall Fescue consisting of 90% fescue blend and 10% bluegrass in all areas disturbed during construction not otherwise designated as another material. Sod placed in areas greater than 4:1 slope shall fastened to the slope with sod staples.
- Proposed trees shall not be placed over existing or proposed utility service lines. It is the contractor's responsibility to understand utility locations and have them marked during tree planting operations. If utility is damaged during planting, contractor is responsible for notifying the general contractor and owner of utility and paying for repair of the damaged utility.
- A fully automated irrigation system will be supplied for this project by the Contractor. Design shall be provided and approved by the landscape architect prior to ordering materials or installing any aspect of the irrigation system. General contractor shall supply tap location and water pressure to irrigation designer. Tap for irrigation shall be after the main building tap and shall be thru a deduct meter configuration. Irrigation system shall consist of tap, backflow, smart controller, heads, pipe, valves, wire, flow sensing, weather station, and any other feature to give the most efficient and comprehensive system as deemed necessary by the irrigation designer and landscape architect. System shall cover all areas designated as turf or landscape beds. Turf, trees and shrubs shall all be on separate zones so that they can be watered at different rates. Submit all irrigation plans to the landscape architect for approval. Controller shall be mounted inside a stainless steel, lockable cabinet on exterior of building nearest the mechanical room access door or other utility panels, as agreed by the GC and Landscape Architect.



**3 DECIDUOUS TREE PLANTING**  
NTS

- NOTES:
- On evergreen trees, attach guying collar at approx. 2/3 height of tree on trees that are 6 ft. height and over.
  - Top of rootball shall match original ground level as grown in the nursery. Overlap from nursery shall be removed to expose root collar.
  - Do not fertilize the first growing season.
  - Use tree stakes only in open areas, do not use in parking lot islands where space is limited.

Certificates of Authority  
Architecture: MO 310 / KS 73  
Engineering: MO 4 / KS 241  
Land Surveying: MO 123 / KS 36

**CLIENT**  
**WARD DEVELOPMENT**  
DAVID WARD  
1120 NW EAGLE RIDGE BLVD.  
GRAIN VALLEY, MO 64029  
(816) 229-8115

**LOT 10, 1-470**  
**BUSINESS PARK**  
2601 NE MCBAIN DRIVE  
LEE'S SUMMIT, MO 64064



CHAD D. WEINAND, PLA  
LA-2013000705 (MISSOURI #)

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REVISIONS	NO.	DATE / DESCRIPTION
	1	10.21.21 / CITY COMMENTS
	2	10.25.21 / CITY COMMENTS
	3	12.9.21 / CITY COMMENTS

DRAWN BY: CDW  
CHECKED BY: CDW  
PROJECT #: 21-1902  
ISSUE DATE: 8/23/2021  
ISSUED FOR: CONSTRUCTION

**Chad D. Weinand, PLA, ASLA**  
**Landscape Architecture**  
15173 W. 157th Terrace, Olathe, Kansas 66062  
913.484.3738 - cweinand74@gmail.com  
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