



NO.	DATE	DESCRIPTION	BY
1	12/23/19	CITY COMMENTS	CDW
2			
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11/22/19

PDP1



1 LANDSCAPE PLAN
1" = 40'

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 contractors to verify existence and location of all utilities before starting any work.
- No substitutions for variety or cultivars shall be accepted without first obtaining written approval from Owner's Representative.
- All plant material shall be of excellent quality, free of disease and infestation, and true to type, variety, size specified, and form per American Nursery Association Standards (z60.1).
- All planting beds (including parking lot islands with shrub and ornamental grass plantings) shall receive 3" minimum of shredded hardwood mulch as detailed, unless otherwise noted. In landscape beds, mulch shall be a consistent 3" depth throughout. For trees planted in turf areas, a ring of mulch shall be formed into a saucer in a minimum ring twice the diameter of the rootball from the trunk. Elevation of top of mulch shall be 1/2" below any adjacent pavement.
- Contractor shall thoroughly water in each plant immediately following installation.
- Contractor shall be responsible for calculating all areas of sod and seed and the amounts of each needed for optimum coverage. Quantities on this plan are for reference only.
- Contractor shall install seed in all areas disturbed during construction not otherwise designated as another material. Seeded areas greater than 4:1 slope shall have erosion control blanket installed over the seed and fastened with sod staples, per manufacturer's recommended spacing. Seed shall be Excaliber Turf-type Tall Fescue Blend (or approved equal) applied at recommended seeding rate for new lawns. Starter fertilizer shall also be applied at time of seeding that contains a moisture management agent in it.
- 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 by the contractor and approved by the landscape architect prior to ordering materials or installing any aspect of the irrigation system. Irrigation system shall consist of tap, blockflow, 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 owner 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.
- No trees shall be planted within 15 feet of a street or parking lot light pole.
- All land area which is not paved or covered by buildings will be brought to finished grade, and planted with turf.

PLANT SCHEDULE

EVERGREEN TREE	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	RC	73	Juniperus virginiana	Eastern Red Cedar	6' Ht.	B&B / Cont.
	TJ	24	Juniperus virginiana 'Taylor'	Taylor Juniper	6' Ht.	B&B / Cont.
ORNAMENTAL TREE	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	ER	18	Cercis canadensis	Eastern Redbud	1.5" Cal.	B&B / Cont.
	CC	10	Cornus mas 'Golden Glory'	Golden Glory Cornelian Cherry Multi-Stem	6' Ht.	B&B / Cont.
	KS	17	Quercus robur x bicolor 'Nadler'	Kindred Spirit Oak	1.5" Cal.	B&B / Cont.
SHADE TREE	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	EC	6	Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffeetree	2.5" Cal.	B&B
	SW	12	Quercus bicolor	Swamp White Oak	2.5" Cal.	B&B
STREET TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	SB	24	Taxodium distichum 'Shawnee Brave' TM	Shawnee Brave Bald Cypress	2" Cal.	B&B / Cont.
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	DRS	56	Diervilla rivularis 'SMNDRSF'	Kodiak Black Bush-Honeysuckle	24" Ht.	
	JCS	160	Juniperus chinensis 'Sea Green'	Sea Green Juniper	24" Ht.	
	RAG	120	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	24" Ht.	
	RTE	118	Rhus typhina 'Tiger Eyes'	Tiger Eyes Sumac	24" Ht.	
ORNAMENTAL GRASS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
	BGR	399	Bouteloua gracilis	Blue Grama Grass	1 gal.	
	PVP	160	Panicum virgatum 'Purple Tears'	Purple Tears Switch Grass	1 gal.	
	SSC	304	Schizachyrium scoparium 'Carousel'	Carousel Little Bluestem	1 gal.	

SPECIAL OLATHE SCREENING NOTE:

- Contractor shall screen to full height all wall and ground mounted utility boxes or panels from visibility.

LANDSCAPE CODE CALCULATIONS:

STREET TREES (1 TREE PER 40 LF FRONTAGE)

151st ST (Arterial) - 450.5 LF FRONTAGE / 40 = 12 TREES (12 PROPOSED)
152nd ST (Collector) - 452.97 LF FRONTAGE / 40 = 12 TREES (12 PROPOSED)

FRONTAGE SCREENING (8 EVERGREEN + 2 SHADE + 1 ORNAMENTAL PER 100 LF FRONTAGE)

151 ST - 450.5 LF = 36 EVERGREEN + 9 SHADE + 5 ORNAMENTAL (PROVIDED)
152 ST - 452.97 LF = 37 EVERGREEN + 10 SHADE + 5 ORNAMENTAL (PROVIDED)

PARKING PERIMETER - CONTINUOUS SHRUB SCREEN TO 3' (PROVIDED)

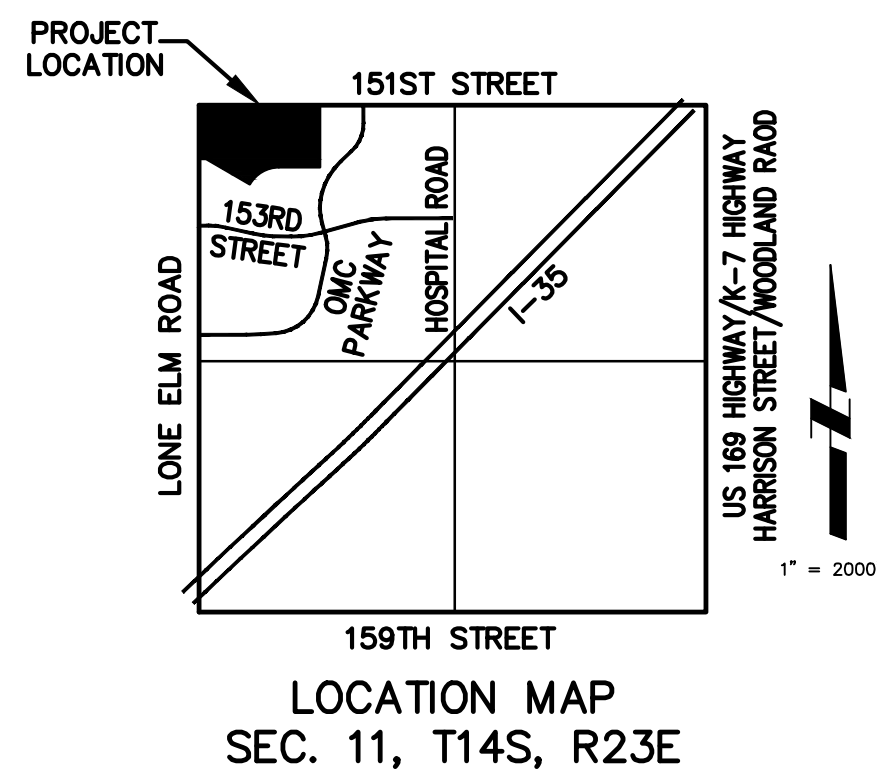
NOTE: IF PLANTINGS ARE NOT 36" AT TIME OF PLANTING, BERM UP THE PLANTING AREA SOIL TO ACHIEVE 36" TALL SCREENING.

PARKING INTERIOR - 1 TREE PER ISLAND (PROVIDED)

FOUNDATION PLANTINGS - 25% OF FACADE FACING ROW OR PARKING (PROVIDED - MUST BE IRRIGATED)

TYPE 1 BUFFER (1 EVERGREEN + 1 SHADE + 1 ORNAMENTAL + 20 SHRUBS PER 100 LF FRONTAGE)

WEST - 480.59 LF = 5 EVERGREEN + 5 SHADE + 5 ORNAMENTAL + 97 SHRUBS (PROVIDED)
EAST - 459 LF = 5 EVERGREEN + 5 SHADE + 5 ORNAMENTAL + 92 SHRUBS (PROVIDED)



LOCATION MAP
SEC. 11, T14S, R23E

Developed By: Olathe Medical Center, Inc.
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