

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84071	2005	LS2.1	

Alternate #4

Sheet	Description
LS2.1	Planting Notes, Index of Planting Sheets, Quantity Summary
LS2.2	Planting Plan 13th Street
LS2.3	Planting Plan Murdock
LS2.4	Planting Plan Central
LS2.5	Planting Plan 2nd Street
LS2.6	Planting Plan 1st Street
LS2.7	Planting Details

Planting notes:

- The Engineer reserves the right to adjust plant location in field prior to installation activities.
- Trees overhanging sidewalks and parking or pedestrian areas shall have a minimum clear trunk branching height of eight (8') feet.
- All plant material shall be maintained in a healthy and vigorously growing condition, and must be immediately replaced with plant material of equal variety and size if damaged, destroyed or removed during the one year maintenance and warranty period.
- The Contractor shall ensure that all landscaped areas shall be kept free of trash, litter, and weeds at all times during construction and the maintenance period.
- The Contractor shall be responsible for fine grading, removal of miscellaneous debris and any additional fill required to create a smooth condition prior to planting in all areas. These activities are subsidiary to landscape pay items.
- All quantities shown on these plans are estimates for the Contractor's information only. Proposed plant spacing will be indicated on plant schedule unless otherwise noted. It is the Contractor's responsibility to provide full coverage in all planting areas as specified in the plant schedule remarks.
- The Contractor shall ensure that all landscaped areas (not including turf areas) will be irrigated utilizing an underground automatic irrigation system. Refer to irrigation plans for location of irrigation meter, sleeves and controller.
- All beds must be mulched at a depth of 3" all trees must be mulched at a depth of 3" around the tree maintained through time of inspection and during the maintenance period.
- See planting details and specifications for plant bed preparations.
- Contractor shall fully warranty and maintain the landscape per specifications for 1 year following project acceptance.
- Apply a commercial root stimulator (approved by owner prior to use) to all trees, shrubs and groundcovers at rates recommended by manufacturer during first plant watering following plant installation. This item shall be subsidiary to planting unit costs.
- Tree and shrub fertilizer shall be commercially prepared, 21 gram (min. weight) tablet, tightly-compressed and formulated to be long-lasting (2 year min.) with a slow-release analysis of 20-10-5 derived from Urea-Formaldehyde, Calcium Phosphates, Potassium Sulfate, Ferrous Sulfate and meeting the minimum guaranteed analysis as found in the specifications.
- Number of tablets per tree/shrub shall be applied according to manufacturer's recommended rates. The tablets shall be placed approximately 3" below finish grade in equidistant locations around the rootball. Do not place tablets in the bottom of the planting pit. Furnishing and application of fertilizer shall be subsidiary to planting trees and shrubs.
- Contractor shall use an approved tree tie system that is easily adjustable, strong in all weather, and easily attached and removed. Hose and wire are not acceptable for staked trees. Provide the following or approved equal:

*Cinch Ties * J. Lichtenhaler
P.O. Box 938
Cerritos, CA. 90701

Adj-A-Tye Heavyweight only.
A plastic chain twist tie.

Plastic Binder Tye tie with tapered
beads that snap lock.
A.M. Leonard and Sons
Piqua, Ohio 43356

Furnishing of T-posts, painted black, and approved tree tie system shall be subsidiary to planting trees.

Pay Items:

- All landscape and drainage pay item unit prices are to be paid as finished, complete in place items. All miscellaneous hardware, finish grading, equipment, materials, etc required to install items per plans and specifications are subsidiary.
- 'Manufactured Topsoil (Bed Prep)' pay item refers to soil preparation described and shown on Detail 02, sheet LS2.7. Pay item quantity refers to compost quantity, however, the pay item includes compost, spreading, filling and fine grading. Pay item is measured by the cubic yard, and paid for when complete in place.
- 'Shredded Bark Mulch' is paid for by the cubic yard, complete in place.
- See the specifications for landscape maintenance information and requirements.

PLANTING SCHEDULE						
Botanical Name/Common Name	Sym	Caliper	Height	Spread	Rootball	Remarks
<i>Pistacia chinensis</i> /Chinese Pistache	PC	5" Cal			100 Gal	Full & Matched
<i>Juniperus horizontalis</i> 'Bar Harbour' Juniper	BHJ		6"	18"-24"	5 Gal	Space 3'-0" O.C.
<i>Miscanthus Sinensis</i> 'Yaku Jima' / 'Yaku Jima' Dwarf Miscanthus	MSY		18"-2'	18"-24"	3 Gal	Rectangular Spacing, 3'-0" O.C.
<i>Sorghastrum nutans</i> 'Sioux Blue' / 'Sioux Blue' Indian Grass	SNS		2'-3'	18"-24"	3 Gal	Rectangular Spacing, 3'-0" O.C.
<i>Hypericum calycinum</i> 'Sunburst' / 'Sunburst' St. John's Wort	HCS		8"-12"	10"-12"	1 Gal	Rectangular Spacing, 1'-6" O.C.
<i>Ajuga reptans</i> 'Burgundy Glow' / 'Burgundy Glow' Ajuga	BGA		4"-6"	10"-12"	1 Gal	Rectangular Spacing, 1'-0" O.C.
<i>Parthenocissus Quinquefolia</i> / Virginia Creeper	VC		24"	-	5 Gal	Staked, 15'-0" O.C.

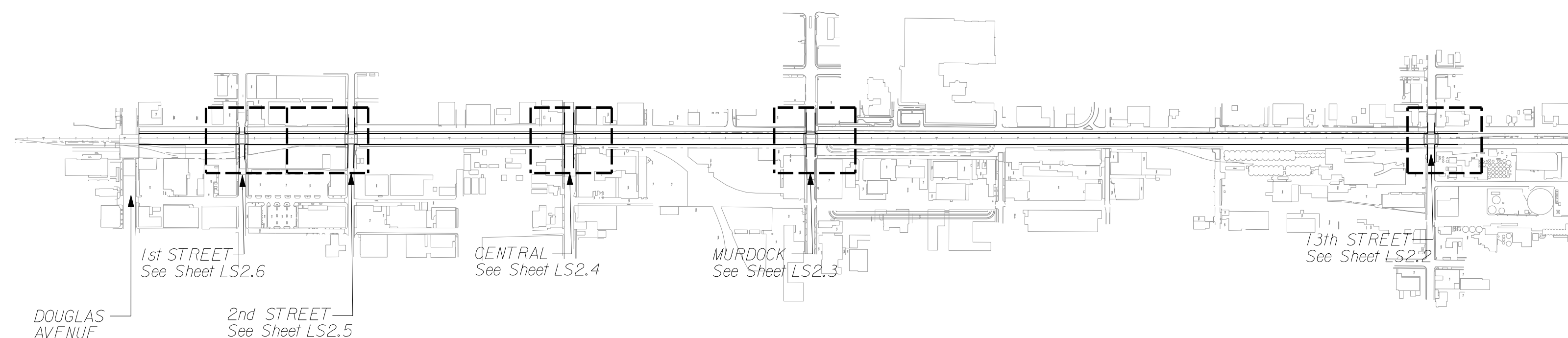
Note: all plant quantities on this plan are for information only. It is the Contractor's responsibility to provide full coverage in all planting areas as specified in the plant schedule remarks.

ESTIMATE OF QUANTITIES				
Spec. No.	Item (Planting)	Quantity	Unit	
905	Chinese Pistache	100 Gal	6	EA
905	'Bar Harbour' Juniper	5 Gal	507	EA
905	'Yaku Jima' Dwarf Miscanthus	3 Gal	943	EA
905	'Sioux Blue' Indian Grass	3 Gal	842	EA
905	'Sunburst' St. John's Wort	1 Gal	1,862	EA
905	'Burgundy Glow' Ajuga	1 Gal	246	EA
905	Virginia Creeper	5 Gal	159	EA
900-06	Landscape Maintenance		1	YR
900-04	Landscape Drainage (Tree Wells)		6	EA
900-02	Shredded Bark Mulch		288	CY
900-01	Manufactured Topsoil (Bed Prep)		305	CY
910-07	Concrete Mow Curb (12" x 4")		488	LF
X 903	Buffalo Grass 609	Sod	(3,483)	SY
X 900-01	Manufactured Topsoil (Sod Prep)		(194)	CY

X Items indicated are 'Deducts' to account for replacement of pay items in the base bid.

This sheet designed by:

HNTB
ARCHITECTS ENGINEERS PLANNERS



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2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
CITY OF WICHITA					
WICHITA CENTRAL CORRIDOR PLANTING SHEET INDEX, GENERAL NOTES, ESTIMATE OF QUANTITIES					
SHEET NO. 1 OF 20	SCALE: NONE	APP'D:			
DESIGNED: JF	DETAILED: JRK, KA	QUANTITIES: JRK, KA	TRACED:		
DESIGN CK.: WP	DETAIL CK.: WSN	QUAN. CK.: WP	TRACE CK.:		