

LANDSCAPED STREET FRONTAGE REQUIRED:  
1 TREE PER 30 L.F. OF STREET FRONTAGE  
SHENANDOAH 865 L.F. /30 = 29 TREES REQUIRED  
= 29 TREES PROVIDED + 19 ORNAMENTALS  
ROAD A 1939 L.F. /30 = 65 TREES REQUIRED  
= 65 TREES PROVIDED + 30 ORNAMENTALS

STREET FRONTAGE GREEN STRIP 20FT PROVIDED

1 TREE PER 5,000 SQ.FT. OF TOTAL LOT AREA EXCLUDING BUILDING FOOTPRINT  
1,540,167 SQ.FT. TOTAL LOT AREA MINUS 267,452 SQ.FT. OF BUILDING FOOTPRINT  
= 1,272,715 SQ.FT. / 5,000  
= 255 TREES REQUIRED ((IN ADDITION TO STREET TREES))  
= 255 TREES PROVIDED + 42 ORNAMENTALS

\*\* ALL ORDINANCE REQUIRED LANDSCAPE AREA TO BE IRRIGATED BY AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM.

 SHADE TREE  
 ORNAMENTAL TREE  
 PINE TREE  
 JUNIPER FOR SCREENING  
 SOLID SLAB FESCUE SOD  
 PLANTING BED

KEY	MATERIAL NAME	SIZE/REMARK	TYPE
JVC'	<i>Juniperus virginiana</i> 'Concert!' Concert! Juniper	10-12" H. FULL TO GROUND	B4B
ASC'	<i>Acer saccharum</i> Sugar Maple 'Caddo'	12-14" H. 2" CAL.	B4B
CCR'	<i>Cercis canadensis</i> Redbud	6-7" H. 1.5" CAL.	B4B
MC'	<i>Malus</i> x 'Prairie Fire' 'Crabapple Prairie Fire'	6-7" H. 1.5" CAL.	B4B
PT	<i>Pinus taeda</i> Loblolly Pine	12-14" H. 2" CAL.	15 GAL.
QB	<i>Quercus bicolor</i> Swamp White Oak	12-14" H. 2" CAL.	B4B
GB	<i>Quercus bicolor</i> Swamp White Oak	12-14" H. 2" CAL.	B4B
NSW'	<i>Nyssa sylvatica</i> 'Wildfire' Wildfire Black Gum	12-14" H.	45 GAL.



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ALL BASE INFORMATION INCLUDING EXISTING DRAINAGE WAYS, EXISTING CONTOURS, EXISTING VEGETATION, EXISTING STRUCTURES AND STREETS WERE PROVIDED TO PLANNING DESIGN GROUP BASED FROM DATA COLLECTED BY ARCHITECTS COLLECTIVE; TULSA, OK.

LANDSCAPE DATA TABLE

LANDSCAPED STREET FRONTAGE REQUIRED:  
1 TREE PER 30 L.F. OF STREET FRONTAGE  
SHENANDOAH 865 L.F. /30 = 29 TREES REQUIRED  
= 29 TREES PROVIDED + 19 ORNAMENTALS  
ROAD A 1,939 L.F. /30 = 65 TREES REQUIRED  
= 65 TREES PROVIDED + 30 ORNAMENTALS

1 SHRUB PER 20 L.F. OF STREET FRONTAGE  
SHENANDOAH 865 /20 = 44 SHRUBS REQ.  
= 71 SHRUBS PROVIDED  
ROAD A 1,939 /20 = 97 SHRUBS REQ.  
= 213 SHRUBS PROVIDED

STREET FRONTAGE GREEN STRIP 20FT PROVIDED

OPEN YARD SHRUBS REQUIRED:  
2 SHRUBS PER 5,000 SQ.FT. OF TOTAL LOT AREA EXCLUDING BUILDING FOOTPRINT  
1,340,167 SQ.FT. TOTAL LOT AREA MINUS 267,452 SQ.FT. OF BUILDING FOOTPRINT  
= 1,212,715 SQ.FT. /5,000 X 2  
= 510 SHRUBS REQUIRED  
= 8,479 SHRUBS PROVIDED

1 TREE PER 5,000 SQ.FT. OF TOTAL LOT AREA EXCLUDING BUILDING FOOTPRINT  
1,340,167 SQ.FT. TOTAL LOT AREA MINUS 267,452 SQ.FT. OF BUILDING FOOTPRINT  
= 1,212,715 SQ.FT. /5,000  
= 255 TREES REQUIRED (IN ADDITION TO STREET TREES)  
= 255 TREES PROVIDED + 92 ORNAMENTALS

PARKING LOT LANDSCAPE ISLANDS REQUIREMENTS:  
5% OF ENTIRE PARKING AREA (SPACES, AISLES & DRIVES);  
1 ISLAND AT END OF EVERY PARKING BAY, MIN. 9' WIDE  
487,401 SQ.FT. PARKINGX .05 = 24,371 SQ. FT. OF LANDSCAPING PARKING LOT ISLANDS REQ.  
= 44,594 SQ.FT. PARKING LANDSCAPE PROVIDED

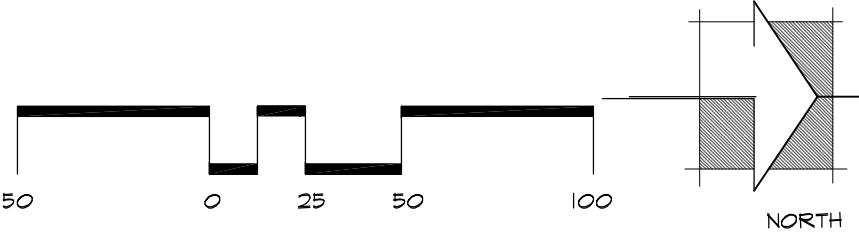
\*\* ALL ORDINANCE REQUIRED LANDSCAPE AREA TO BE IRRIGATED BY AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM.

LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- PINE TREE
- JUNIPER FOR SCREENING
- SOLID SLAB FESCUE SOD
- PLANTING BED

LANDSCAPE MATERIAL TREE LIST

KEY	MATERIAL NAME	SIZE/REMARK	TYPE
JVC'	Juniperus virginiana 'Conaerti'	10-12' H. FULL TO GROUND	B&B
ASC'	Conaerti Juniper	12-14' H. 2' CAL.	B&B
CCR'	Acer saccharum Sugar Maple 'Goddard'	6-7' H. 2' CAL.	B&B
MP'	Cercis canadensis Redbud	15' CAL.	B&B
PT	Malus x 'Prairie Fire' Crabapple 'Prairie Fire'	6-7' H. 15' CAL.	15 GAL.
QB	Pinus laevis Loblolly Pine	12-14' H. 2' CAL.	B&B
NS	Quercus bicolor Swamp White Oak	12-14' H. 2' CAL.	B&B
NSW	Quercus bicolor Swamp White Oak	12-14' H. 2' CAL.	B&B
	Nyssa sylvatica 'Widfire' Widfire Black Gum	12-14' H.	45 GAL.



DUTY OF COOPERATION

P.D.G., INC. 888 PLANNING DESIGN GROUP IN THIS STATEMENT SHALL BE KNOWN AS 'ARCHITECT'. RELEASE OF THESE PLANS CONTINGUATES FURTHER COOPERATION AMONG THE OWNER, HIS CONTRACTOR, AND THE ARCHITECT. DESIGN AND CONSTRUCTION ARE COMPLEX. ALTHOUGH THE ARCHITECT AND HIS CONSULTANTS HAVE PERFORMED THEIR SERVICES WITH DUE CARE AND DILIGENCE THEY CANNOT GUARANTEE PERFECTION. COMMUNICATION IS IMPERFECT AND EVERY CONTINGENCY CANNOT BE ANTICIPATED. ANY AMBIGUITY OR DISCREPANCY DISCOVERED BY THE USE OF THESE PLANS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT. FAILURE TO NOTIFY THE ARCHITECT COMPOUNDS MISUNDERSTANDING AND INCREASES CONSTRUCTION COSTS. A FAILURE TO COOPERATE BY SIMPLE NOTICE TO THE ARCHITECT SHALL RELIEVE THE ARCHITECT FROM RESPONSIBILITY FOR ALL CONSEQUENCES. CHANGES MADE FROM THE PLANS WITHOUT CONSENT OF THE ARCHITECT ARE UNAUTHORIZED, AND SHALL RELIEVE THE ARCHITECT OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING OUT OF SUCH CHANGES.

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BASE INFORMATION

ALL BASE INFORMATION INCLUDING EXISTING DRAINAGE MAPS, EXISTING CONTOURS, EXISTING VEGETATION, EXISTING STRUCTURES AND STREETS WERE PROVIDED TO PLANNING DESIGN GROUP BASED FROM DATA COLLECTED BY ARCHITECTS COLLECTIVE, TULSA, OK.

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JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

PROJECT INFORMATION

PROJECT ADDRESS:

LEE'S SUMMIT, MO

PROJECT NO.

DATE 5.3.18

DRAWN BY CHECKED BY

JM

ISSUE/REVISIONS

NO.	DESCRIPTION