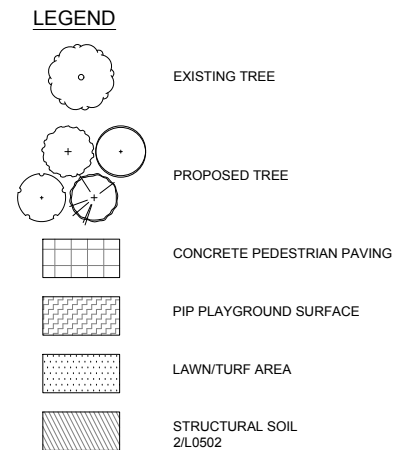




S-MEDL	S-MEDL EQUIV. VALUE	COMMON NAME	ST	SIZE	POC	SPRING	NATIVE	BAR	BAR ST	NATIVE ST
TREES										
100	1	Fraxinus pennsylvanica Mill. Fr. Ash	100	300-500'	100	100	100	100	100	100
100	1	Quercus velutina Mill. Fr. Black Oak	100	100-150'	100	100	100	100	100	100
100	1	Quercus sp.	100	100-150'	100	100	100	100	100	100
100	1	Prunella pennsylvanica Mill. Fr. Black Cherry	100	100-150'	100	100	100	100	100	100
SHRUBS										
100	1	Juniperus communis L. Fr. Common Juniper	100	100-150'	100	100	100	100	100	100
100	1	Juniperus sp.	100	100-150'	100	100	100	100	100	100
100	1	Juniperus sp.	100	100-150'	100	100	100	100	100	100
100	1	Juniperus sp.	100	100-150'	100	100	100	100	100	100
GRASSES, PERENNIALS AND POLYCOBERS										
100	1	Juniperus communis L. Fr. Common Juniper	100	100-150'	100	100	100	100	100	100
100	1	Juniperus sp.	100	100-150'	100	100	100	100	100	100
100	1	Juniperus sp.	100	100-150'	100	100	100	100	100	100
100	1	Juniperus sp.	100	100-150'	100	100	100	100	100	100

TREES	SOIL AREA IN OPEN TREE PIT (FT ²)	SOIL DEPTH (FT)	SOIL AREA UNDER CONCRETE PAVING (FT ²)	SOIL DEPTH (FT)	REQUIRED SOIL VOLUME PER TREE (CF)	TOTAL SOIL VOLUME PROVIDED (CF) (SEE NOTE 1)	REQUIRED SOIL VOLUME CALCULATION (SEE NOTE 2)
T1-T7	785	3	985	2.33	400 or 1000	4,650	4 x 400 FT ³ + 3 x 1000 FT ³ = 4600 FT ³
T8-T12	4729	3	0	0	1,000	14187	5 x 1000 FT ³ = 5000 FT ³
T13	643	3	0	0	1,500	1929	1 x 1500 FT ³ = 1500 FT ³

1. TOTAL SOIL AREA IS THE AREA OF OPEN TREE PIT PLUS THE AREA OF STRUCTURAL SOIL, AS INDICATED ON THE PLAN. THE TOTAL PROPOSED SOIL VOLUME IS CALCULATED BY MULTIPLYING THE SOIL AREA AND THE SOIL DEPTH. REFER TO TABLE FOR TOTAL PROPOSED SOIL VOLUME FOR EACH STREET. TOTAL PROPOSED SOIL VOLUME MUST BE LARGER THAN REQUIRED SOIL VOLUME AS CALCULATED BY NOTE 2.

2. THE SOIL VOLUME REQUIREMENTS ARE AS FOLLOWS:

LARGE TREES: 1500 FT² WITHIN 27' RADIUS
SMALL TREES: 600 FT² WITHIN 16' RADIUS

PER DOEE GUIDELINES 1,000 CF FOR LARGE TREES AND 400 CF FOR SMALL TREES IF TREES SHARE SOIL VOLUME.