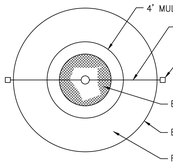
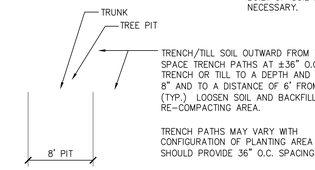


PLAN DETAIL

NO SCALE

NOTES:

1. TEST FOR PERCOLATION PRIOR TO PLANTING.
2. WATER AFTER PLANTING.
3. DO NOT WRAP TREES
4. REMOVE BURLAP/STRAPPING AND WIRE FROM TOP 1/3 OF ROOT BALL.
5. DIG TREE PIT WITH BACKHOE OR SIMILAR EQUIPMENT.
6. NO TREE IS TO BE PLANTED LOWER THAN THE ELEVATION THAT THE TREE WAS GROWN AT THE NURSERY. REMOVE BUILT UP SOIL AS NECESSARY.

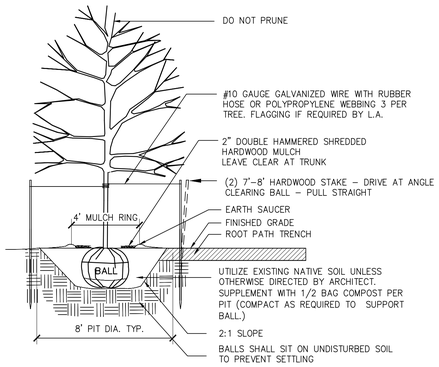


TRENCH/TILL SOIL OUTWARD FROM TREE PIT SPACE TRENCH PATHS AT ±36" O.C. TRENCH OR TILL TO A DEPTH AND WIDTH OF 8" AND TO A DISTANCE OF 6' FROM TRUNK (TYP.) LOOSEN SOIL AND BACKFILL, AVOID RE-COMPACTING AREA.

TRENCH PATHS MAY VARY WITH CONFIGURATION OF PLANTING AREA BUT SHOULD PROVIDE 36" O.C. SPACING

PLAN DETAIL: ROOT PATH TRENCHES

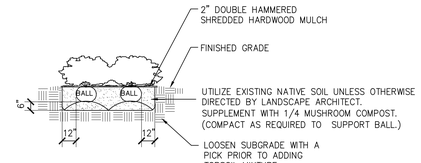
NO SCALE



A / L-7 TREE PLANTING AND STAKING

SECTION

NOT TO SCALE



NOTES:

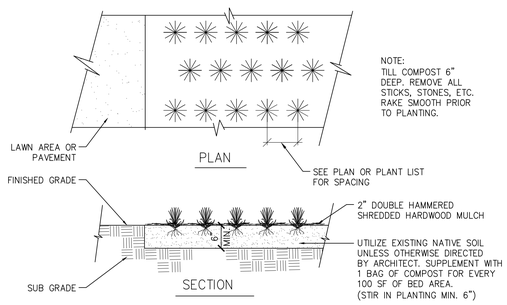
1. TEST FOR PERCOLATION PRIOR TO PLANTING.
2. REMOVE PAPER, PLASTIC OR METAL CONTAINER THAT MAY BE AROUND ROOTS
3. WATER AFTER PLANTING
4. DO BED PREPARATION ON ALL SHRUB & GROUNDCOVER AREAS

B / L-7 SHRUB PLANTING

NOT TO SCALE

LANDSCAPE NOTES

1. EXISTING ECOLOGY AND AESTHETICS WILL OFTEN CAUSE ADJUSTMENT OF THESE PLANS TO FIT THE SITE. STAKE-OUT BY THE CONTRACTOR AND ADJUSTMENT BY THE LANDSCAPE ARCHITECT IS ABSOLUTELY NECESSARY.
2. LOCATIONS OF THOSE UTILITIES SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE FAILURE TO DO SO. CONTACT PALMETTO UTILITY PROTECTION SERVICE AT 1-888-721-7877 AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION.
3. CONTRACTOR SHALL INFORM LANDSCAPE ARCHITECT IF PROPOSED DESIGN IS IN CONFLICT WITH EXISTING OR PROPOSED UTILITIES. CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ADJUST PROPOSED DESIGN OR UTILITIES AS NECESSARY TO RESOLVE CONFLICTS.
4. CONTRACTOR TO PROVIDE A SHOP DRAWING SUBMITTAL FOR THE DESIGN OF AN AUTOMATIC IRRIGATION SYSTEM TO MEET THE FOLLOWING CRITERIA:
   A. ALL PLANT MATERIAL TO BE COVERED BY IRRIGATION.
   B. VALVES, HEADS AND ACCESSORIES TO BE BY RAINBIRD.
   C. DRIP IRRIGATION SHALL USE INDIVIDUAL EMITTERS RATHER THAN IN-LINE EMITTER TUBING UNLESS SPECIFICALLY APPROVED.
   D. AVOID TRENCHING AT TREE ROOTS.
   E. OWNER TO ARRANGE AND PAY FOR 1" IRRIGATION METER. CONTRACTOR TO INSTALL WILKINS BACKFLOW PREVENTER.
   F. SYSTEM SHALL BE CONNECTED TO EXISTING RAINBIRD CONTROLLER AT NW CORNER OF PROJECT AREA.
   G. SITE CONTRACTOR HAS INSTALLED 4" SLEEVES AS SHOWN ON PLANTING PLAN.
5. SITE CONTRACTOR IS RESPONSIBLE FOR CLEARING ROCK/GRAVEL/DEBRIS FROM PLANTING AREAS, AND PROVIDING MULCH FOR EROSION CONTROL PURPOSES.
6. LANDSCAPE CONTRACTOR SHALL PROVIDE & SPREAD 4" SCREENED COMPOST AT ALL PLANTING AREAS AND TILL INTO EXISTING SOIL. EXISTING MULCH MAY BE INCORPORATED INTO SOIL BED AS WELL.



NOTE:
TILL COMPOST 6" DEEP. REMOVE ALL STICKS, STONES, ETC. RAKE SMOOTH PRIOR TO PLANTING.

C / L-7 TYPICAL GROUNDCOVER PLANTING

NOT TO SCALE

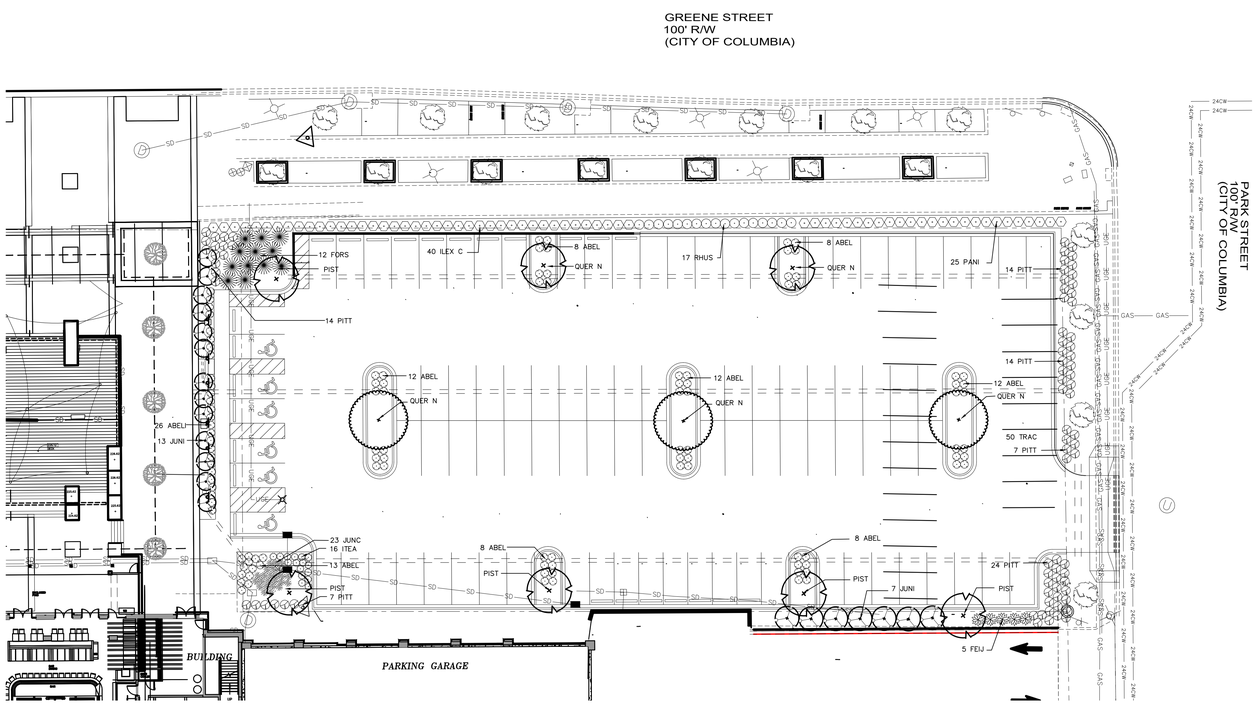
PLANT LIST

ABBR.	BOTANICAL NAME	COMMON NAME	MINIMUM CALIPER	MINIMUM SPREAD	MINIMUM HEIGHT	MINIMUM BALL DIA.	MINIMUM NO. CANES	COMMENTS	QTY.
JUNI	JUNIPERUS VIRGINIANA 'BURKII'	EASTERN RED CEDAR	2"	3'	6-7'	18"	1	MATCHING, SPECIMEN	20
PIST	PISTACIA CHINENSIS	CHINESE PISTACHE	3"	6'	12-14'	36"	1	MATCHING, SPECIMEN	7
QUER N	QUERCUS NUTTALLI	NUTTALL OAK	2"	6'	12-14'	36"	1	MATCHING, SPECIMEN	3
ABEL	ABELIA X 'KALEIDESCOPE"	'KALEIDESCOPE' ABLEIA		15"	12"	3 GAL.	3-5	PLANT 30" O.C.	107
FEIJ	FEIJOA SELLOWIANA	PINEAPPLE GUAVA		24"	24"	3 GAL.	3-5	PLANT AS SHOWN	5
FORS	FORSYTHIA X 'ARNOLD DWARF'	'ARONLD DWARF' FORSYTHIA		24"	24"	3 GAL.	3-5	PLANT AS SHOWN	12
ILEX C	ILEX CORNUTA 'CARISSA'	CARISSA HOLLY		18"	24"	3 GAL.	3-5	PLANT 3' O.C.	66
ITEA	ITEA VIRGINICA 'LITTLE HENRY'	DWARF ITEA		18"	24"	3 GAL.	3-5	PLANT 3' O.C.	16
JUNC	JUNCUS INFLEXUS 'BLUE ARROWS'	'BLUE ARROWS' RUSH		12"	15"	1 GAL.		PLANT 2' O.C.	24
PANI	PANICUM VIRGATUM 'SHENANDOAH'	SWITCHGRASS		8"	8"	1 GAL.		PLANT 12" O.C.	25
PITT	PITTOSPORUM TOBIRA 'GLEN ST. MARY'	COMPACT PITTOSPORUM		24"	24"	3 GAL.	3-5	PLANT 4' O.C.	80
RHUS	RHUS AROMATICA 'GRO-LO'	FRAGRANT SUMAC		15"	12"	3 GAL.	3-5	PLANT 30" O.C.	17

CITY OF COLUMBIA LANDSCAPE ORDINANCE NOTES:

1. SITE AREA: .77 ACRES
2. ORIGINAL DFS CALCULATION:
   DFS REQUIRED: 23.1 UNITS
   DFS PROVIDED: 17 2" CAL. JUNIPER @ 0.5 UNITS = 8.5 UNITS
   7 4" CAL PISTACHE @ 2.0 UNITS = 14 UNITS
   3 3" CAL. OAK @ 1.5 UNITS = 4.5 UNITS
   TOTAL DFS PROVIDED: 27 UNITS (27 TREES)

   REVISED DFS CALCULATION:
   DFS REQUIRED: 23.1 UNITS
   DFS PROVIDED: 20 2" CAL. JUNIPER @ 0.5 UNITS = 10 UNITS
   7 3" CAL. PISTACHE @ 1.5 UNITS = 10.5 UNITS
   3 2" CAL. OAK @ 1 UNIT = 3 UNITS
   TOTAL DFS PROVIDED: 23.5 UNITS (30 TREES)
3. TOTAL VEHICULAR SURFACE AREA: 30,274 SF
   REQUIRED TREES: 9.4
3. STREET PROTECTIVE YARDS: DIMENSIONS OF STREET PROTECTIVE YARD ON GREENE AND PARK STREETS ARE LESS THAN THE 5' MINIMUM. PLANTING PLAN SHOWS AN ENCROACHMENT ONTO THE RIGHT-OF-WAY WITH PLANTING AND IRRIGATION TO ACHIEVE THE STREET PROTECTIVE YARD.
4. BUFFER YARD: NONE REQUIRED.



LEGEND

NEW	EXISTING	DESCRIPTION
N/A		BENCHMARK/CONTROL POINT
N/A		PROPERTY LINE/RIGHT OF WAY
N/A		BUILDING
N/A		TREE
N/A	829	CONTOUR
× 829.50'	× (829.50')	SPOT ELEVATION
N/A		FIRE HYDRANT
N/A		LIGHT POLE
N/A	WV	WATER VALVE
N/A		WATER METER
N/A	W	WATER MAIN/SERVICE
N/A	SD	STORM DRAIN LINE w/STRUCTURE
N/A	SS	SANITARY SEWER LINE w/MANHOLE
N/A		SANITARY SEWER CLEANOUT
N/A	X	CHAIN LINK FENCE
●	N/A	KEY NOTE REFERENCE

GRAPHIC SCALE

40 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

CAMPUS PLANNING AND CONSTRUCTION
COLUMBIA, SC 29208

SEAL:

SEAL:

REV.	DRAWING: ###	DATE: DEC 5 18	DRAWN BY: EFJ	CHECKED BY:	DATE	ORIG. BY	DRAWN BY
#	DESCRIPTION				###		EFJ
	UPDATED LATEST WALK-THROUGH						

BUILDING: ###

PROJECT TITLE: Park Street Parking Lot Planting Plan

University of South Carolina

SHEET: L-1

1 OF 1

SHEET IN SET:

1 OF 1