

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	GAR CATEGORY	NATIVE	NOTES
GROUND COVER:								
PS	686	CAREX PENSYLVICA	PENNSYLVANIA SEDGE	12"x12"x12" CONT	PLANT 12" OC	B1	Y	
TREE								
NS	1	NYSSA SYLVATICA	BLACKGUM	3" CALIPER	SUN / PARTIAL	B4	Y	
SRUBS & PLANTINGS								
OC	10	OSMUNDA CINNAMOMEA	CINNAMON FERN	3 GAL	SUN / SHADE	B2	Y	
VINES								
PI	662	PASSIFLORA INCARNATA	PASSIONFLOWER		SUN / SHADE - TWINING	B9	Y	HEIGHT: 6'-10' Spacing: 4'-5'

NOTE: ALL TOP SOIL DISTURBED BY CONSTRUCTION IN PROPOSED LANDSCAPED AREAS SHALL BE DECOMPACTED TO A MINIMUM OF 24" IN DEPTH AND AMENDED ACCORDING TO THE SOIL SPECIFICATION (I.102) BEFORE THE INSTALLATION OF ANY PLANTS OR TURF GRASS.

- LIMITS OF A1 SOIL
- LIMITS OF A2 SOIL
- LIMITS OF TREE ROOT LIMIT
- PROPERTY LINE

- SITE PLAN LEGEND**
- ▭ LANDSCAPED AREA
 - ▭ PAVED AREA/CONCRETE WALK
 - ▭ BUILDING
 - ▭ PERMEABLE PAVEMENT
 - ▭ LIMITS OF GROUND COVER
 - ▭ EXTENSIVE GREEN ROOF
 - ▭ CROSSING OVER AREAWAY
 - VEGETATIVE FENCE
 - NEW TREES ≥ 40' CANOPY [B4]
 - SHRUB & PLANTS ≥ 2' HEIGHT [B2]
 - ↑ HB HOSE BIB
 - DS STORM CLEANOUT
 - OW OBSERVATION WELL

TREE PLANTING NOTES

TREE PLANTING AND STAKING SHALL COMPLY WITH THE CURRENT VERSION OF THE DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES, SECTION 608.02 AND PER STANDARD DRAWINGS NO. 608.02 AND 608.03. DECIDUOUS TREES SHALL ONLY BE PLANTED BETWEEN OCTOBER 15 AND MAY 1 AS PER THE SPRING AND FALL PLANTING SEASON DATES (STANDARD DRAWING NO. 608.08 AND 608.09). PEAT MOSS IS NOT ALLOWED FOR USE AS A SOIL AMENDMENT. COMPANION PLANTS (I.E. PERENNIALS, GRASSES, BULBS, SHRUBS, ETC.) TO BE INSTALLED IN A TREE SPACE MUST CONFORM TO THE CURRENT VERSION OF THE DDOT DESIGN AND ENGINEERING MANUAL CHAPTER 47 - LANDSCAPE DESIGN AND DCMR TITLE 24 SECTION 109 - BEAUTIFICATION OF TREE SPACES. COMPANION PLANTS SHALL NOT EXCEED 3 FEET IN HEIGHT, HAVE A SHALLOW ROOT SYSTEM AND BE PLANTED AT MINIMUM 2 FEET FROM THE ROOT FLARE (CROWN) OF THE STREET TREE. GRASS/SOD IN CONTINUOUS PLANTING STRIPS SHALL NOT BE PLANTED WITHIN 4 FEET OF THE ROOT FLARE OF THE TREE. FINISH OFF UNPLANTED AREAS IN A TREE SPACE WITH A 2"-3" LAYER OF DOUBLE SHREDDED HARDWOOD MULCH, BUT DO NOT PLACE UP AGAINST OR MOUND AROUND THE ROOT FLARE. CONTRACTOR SHALL CONTACT JOE BURCKLE, WARD 7, ARBORIST AT JOSEPH.BURCKLE@DC.GOV WHEN THE STREET TREES ARE READY TO BE PLANTED, PROVIDING AT LEAST 48 HOURS' NOTICE.

SOIL AMENDMENT SPECIFICATION

TRACE METAL TEST RESULT = "PASS"

- DRY BULK DENSITY: 40-50 LB/FT³

COMPOST APPLICATION RATE SPECIFICATION (TO ACHIEVE MINIMUM 5% ORGANIC MATTER CONTENT):

- ADD 1.75 INCHES OF COMPOST PER 8 INCHES OF EXISTING TOPSOIL AND INCORPORATE BY ROTOTILLING OR MIXING PRIOR TO RESPREADING STOCKPILED TOPSOIL. SCARIFY THE SUBGRADE DOWN TO A 4-INCH DEPTH.
- FOR DEEPER SOILS, SUCH AS PLANTING BEDS, MIX COMPOST AND TOPSOIL AT THE SAME RATE.

GAR DETAILS:

70-80% LIGHTWEIGHT INORGANIC MATERIALS
NO MORE THAN 30% ORGANIC MATTER

PLANTS NOT SHOWN IN EXACT LOCATION. PLEASE PLAN IN FASHION IN ORDER TO DIVERSIFY PLANT SPECIES AND GROWTH. CONSULT OF CONSTRUCTION CL.

SOIL AMENDMENT SPECIFICATIONS

- LIMESTONE: DOLOMITIC LIMESTONE CONTAINING NO LESS THAN 50% TOTAL CARBONATES AND 25% TOTAL MAGNESIUM WITH A NEUTRALIZING VALUE OF AT LEAST 100%
- ACIDULANT: COMMERCIAL GRADE SULFUR, FERROUS SULFATE, AND ALUMINUM SULFATE FOR HORTICULTURAL USE
- FERTILIZER: GRANULAR OR PELLETTED SLOW-RELEASE FERTILIZER CONSISTING OF 50% WATER-INSOLUBLE NITROGEN, PHOSPHOROUS, AND POTASSIUM IN A COMPOSITION RECOMMENDED BY THE SOIL TESTING LABORATORY.

SITE PLAN NARRATIVE

THE SITE CONSISTS OF LOT 5868 OF SQUARE 1059.

THE PROJECT WILL BE FOR THE NEW CONSTRUCTION OF THE BUILDING, AS A RESULT OF COST OF CONSTRUCTION AND THE NUMBER OF UNITS, GAR PLAN IS REQUIRED.

ALL NEW PLANT MATERIALS MUST MEET THE STANDARDS IN THE ANLA (AMERICAN STANDARDS FOR NURSERY STOCK) ANSI Z60.1-2014)

IF SOILS ARE DISTURBED, A MINIMUM 5% ORGANIC MATTER (BY WEIGHT) MUST BE PROVIDED TO A 12-INCH OR GREATER SOIL DEPTH.

IN PUBLIC SPACE, AMEND SOIL AS PER DDOT STANDARDS BY DIGGING OUT THE ENTIRE TREE BOX TO A DEPTH OF 3-4 FT. AND INSTALLING A PLANTING MIX PER THE DDOT GREEN INFRASTRUCTURE STANDARDS.

THE PROPERTY OWNER IS REQUIRED TO MAINTAIN THE LOT'S MINIMUM GAR SCORE THROUGH APPROPRIATE STEWARDSHIP AND MAINTENANCE OF LANDSCAPE ELEMENTS AFTER THE PROPERTY IS GRANTED ITS CERTIFICATE OF OCCUPANCY.

STATEMENT BY CERTIFIED LANDSCAPE EXPERT

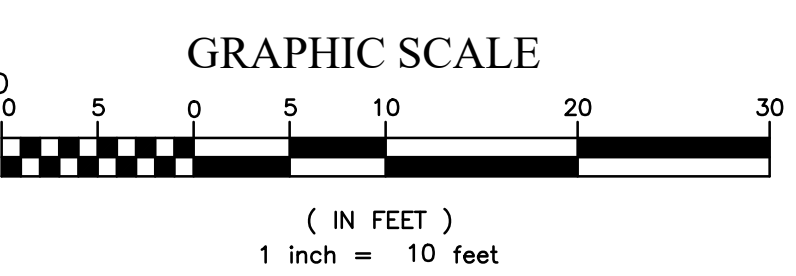
This is to certify that I have examined all required GAR plan submittals prior to submission. I further certify that all aspects of the submittal, including landscape elements within the Lot and the listed GAR score, meet the specifications required under Subtitle C, Chapter 6 of Title 11 of the District of Columbia Municipal Regulations.

GALATES SERA, PH.D., PE | OWNER
Name and Title (please type)
4300 GEORGIA AVE NW, WASHINGTON, DC 20011
Address

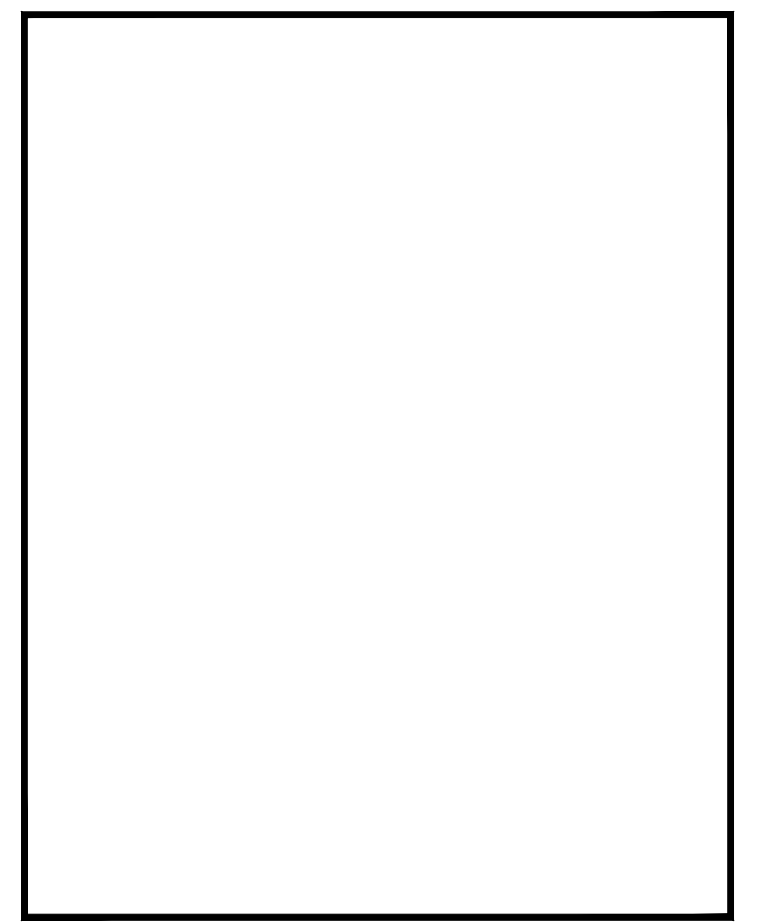
Date: 03/08/2022 Phone No: (202)417-6559

Certified Landscape Expert Signature: [Signature] ISA MA-6186A
Certifying Organization: INTERNATIONAL SOCIETY OF ARBORICULTURE

Green Area Ratio Scoresheet		Score	Zone District
Address: 2628 MLK Ave SE	Square	1059	MA-7
Other: [Blank]	Lot Area (ft ²)	10,585	
Minimum Score	Multiplier	GAR Score	0.416
Landscape Elements			
A Landscaped areas (select one of the following for each area)			
1 Landscaped areas with a soil depth < 24"	square feet	32	9.7
2 Landscaped areas with a soil depth ≥ 24"	square feet	963	570.7
3 Bioretention facilities	square feet	0	-
B Plantings (credit for plants in landscaped areas from Section A)			
1 Groundcovers, or other plants < 2' height	# of plants	954	190.2
2 Plants ≥ 2' height at maturity - calculated at 9-ft per plant	# of plants	10	27.0
3 New trees with less than 40-foot canopy spread - calculated at 50 sq ft per tree	# of trees	0	-
4 New trees with 40-foot or greater canopy spread - calculated at 250 sq ft per tree	# of trees	0	150.0
5 Preservation of existing tree 6" to 12" DBH - calculated at 250 sq ft per tree	# of trees	0	-
6 Preservation of existing tree 12" to 18" DBH - calculated at 600 sq ft per tree	# of trees	0	-
7 Preservation of existing trees 18" to 24" DBH - calculated at 1300 sq ft per tree	# of trees	0	-
8 Preservation of existing trees 24" DBH or greater - calculated at 2000 sq ft per tree	# of trees	0	-
9 Vegetated wall, plantings on a vertical surface	square feet	1,487	892.0
C Vegetated or "green" roofs			
1 Over at least 2" and less than 8" of growth medium	square feet	1,240	743.9
2 Over at least 8" of growth medium	square feet	0	-
D Permeable Paving***			
1 Permeable paving over 6" to 24" of soil or gravel	square feet	0	-
2 Permeable paving over at least 24" of soil or gravel	square feet	2,835	1,417.7
E Other			
1 Enhanced tree growth systems***	square feet	0	-
2 Renewable energy generation	square feet	0	-
3 Approved water features	square feet	0	-
F Bonuses			
sub total of sq ft = 748			
1 Native plant species	square feet	4,018	401.8
2 Landscaping in food cultivation	square feet	0	-
3 Harvested stormwater irrigation	square feet	0	-



03/03/2022
THESE PLANS ARE ISSUED FOR AGENCY REVIEW. ALL APPLICABLE AGENCY PERMIT APPROVALS MUST BE OBTAINED PRIOR TO CONSTRUCTION. FINAL APPROVED "FOR CONSTRUCTION" PLANS WILL BE ISSUED UPON COMPLETION OF THE REVIEW AND APPROVAL PROCESS BY ALL DISTRICT AGENCIES.



REVISIONS

No.	Date	Drawing Issue	By

DATE: March 08, 2021
DRAWN BY: PC CHECKED BY: GS
S.E. JOB NUMBER: 121-131

PROJECT ADDRESS:
2628 MARTIN LUTER KING JR
AVE S.E.
WASHINGTON DC, 20020

PHASE:
PERMIT DOCUMENTS

SHEET NO.:
CIV600

SHEET TITLE:
GAR PLAN

SHEET SCALE:
AS SHOWN