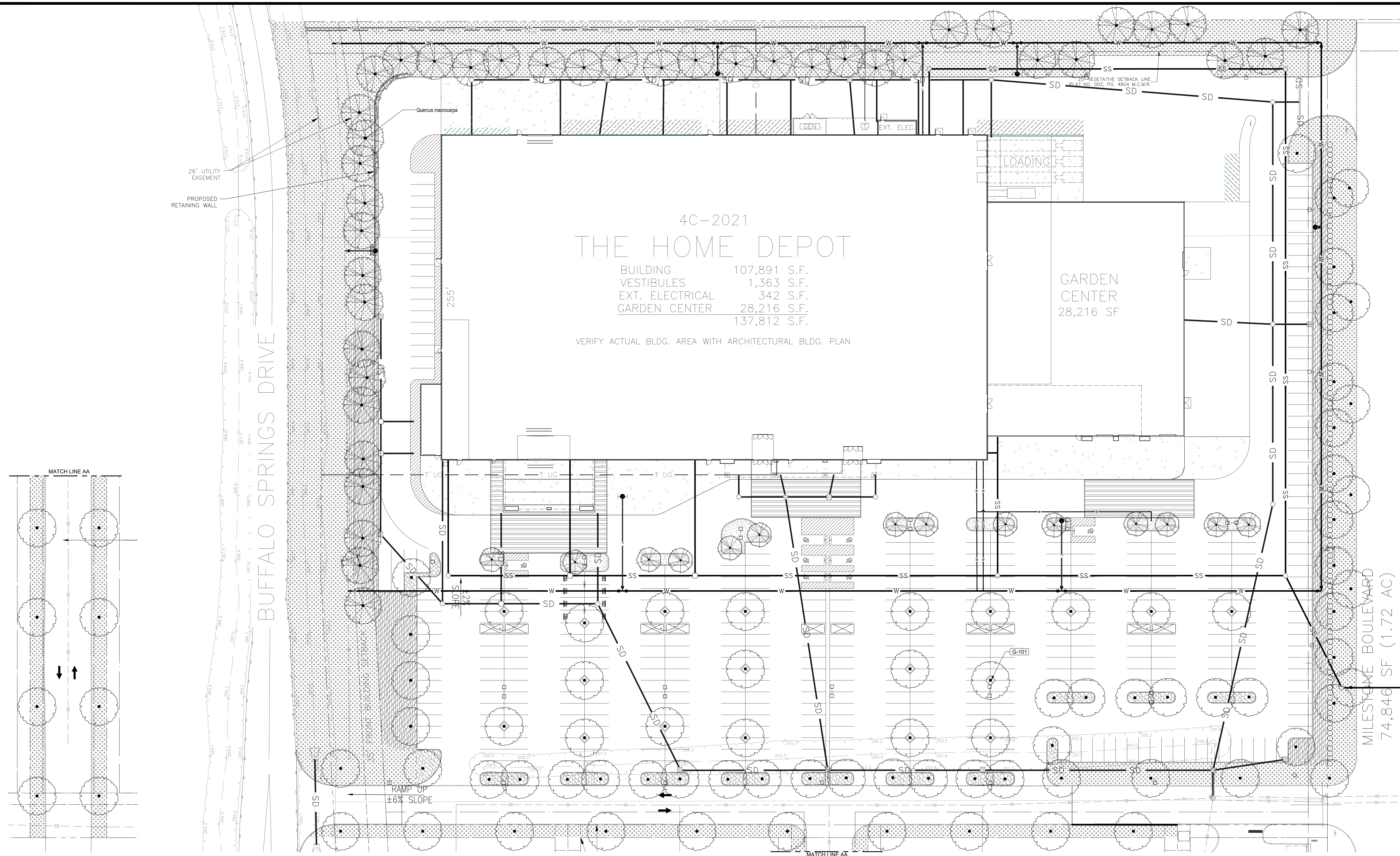


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4C-2021
THE HOME DEPOT

BUILDING	107,891 S.F.
VESTIBULES	1,363 S.F.
EXT. ELECTRICAL	342 S.F.
GARDEN CENTER	28,216 S.F.
	137,812 S.F.

VERIFY ACTUAL BLDG. AREA WITH ARCHITECTURAL BLDG. PLAN

Tree canopy coverage requirements

Twenty percent of the gross property area in a district B=commercial zoning district	99,248.00 sf	Canopy Required
the tree canopy must be located within the interior of the parking lot	49,624.00 sf	Canopy Required
Provided Parking		
Large Trees 800 sf	62	49,600 sf
Medium Trees 600 sf		
Small Trees 300 sf	14	4,200 sf
		53,800.00 sf Canopy Provided

Provided Site	58	Canopy AREA	46,400 sf	Total Tree Count	120	Total Canopy	96,000
					14		4,200
		46,400.00 sf Canopy Provided		134		100,200.00	Total for Site

AREA CALCULATIONS:

SITE AREA			
THE HOME DEPOT PARCEL:	11.39 AC	496,240 SF	
THD UNUSABLE AREA:	0.42 AC	18,272 SF	
TOTAL SITE AREA:	11.81 AC	514,512 SF	
LANDSCAPE AREA:	114,571.33SF	22.3%	

TREE SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	H/S	MATURE CANOPY
	14	Cercis canadensis texensis	Texas Redbud	B&B	2"Cal		25
	41	Quercus macrocarpa	Burr Oak	B&B	2"Cal		60
	87	Ulmus americana	American Elm	B&B	2"Cal	7' x 2.5'	50

GROUND COVER SCHEDULE

GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING
	14,917 sf	Glandularia bipinnatifida	Prairie Verbena	1 gal	24" oc

TURF LAWN GRASSES

TURF LAWN GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT
	97,752 sf	Zoysia x Zeon®	Zeon@ Zoysia	Hydro Seed
	3,117 sf	Zoysia x Zeon®	Zeon@ Zoysia	Sod

PLANT SCHEDULE

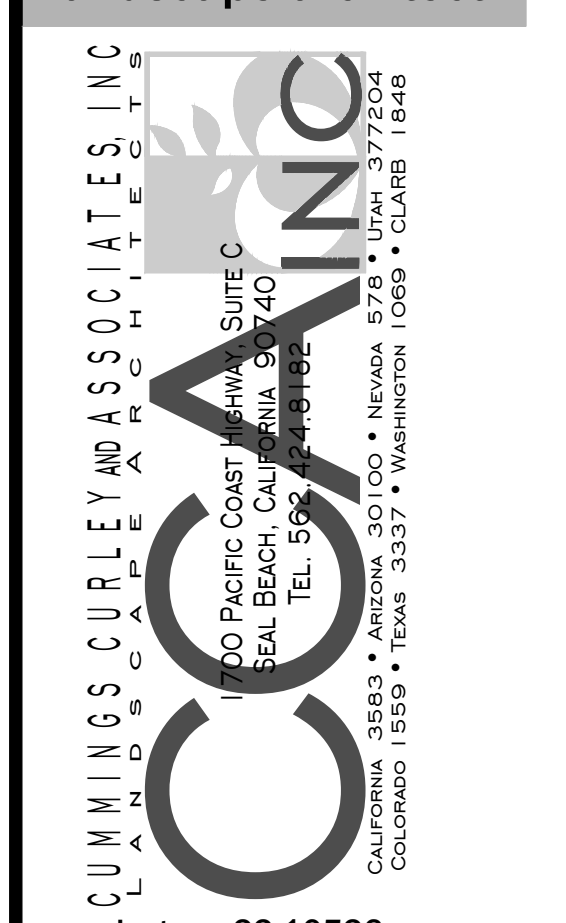
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT. SIZE
	123	Leucophyllum frutescens 'Bertstar Dwarf'	Bertstar Dwarf Texas Sage	3 gal

SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT. SIZE	SPACING
	3,492 sf	Lantana urticoides	Texas Lantana	1 gal	36" o.c.

NON-LIVING GROUND COVER SCHEDULE

SYMBOL	DESCRIPTION	QTY
	(G-101) Rainbow Rock. Pea-sized gravel to 2" rocks. 2" layer.	2.93 cy

landscape architect



project no. 22-10526
 owner



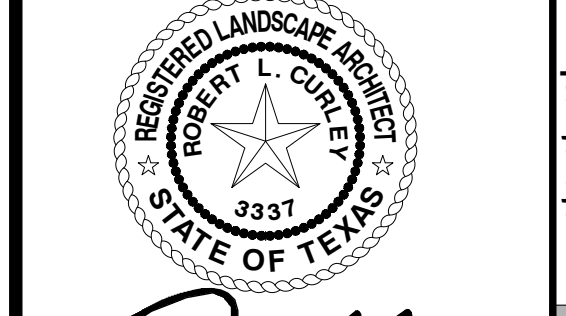
THE HOME DEPOT
 2455 PACES FERRY ROAD, C-19
 ATLANTA, GA 30339-4024
 PHONE: (770) 433-8211

project info
 HD-MONTGOMERY
 HIGHWAY 105 BUFFALO SPRINGS
 DRIVE
 STORE: 0000
 prototype:
 4C-2021.01 | 3/11/22

issue dates	
submission:	date
PERMIT	06/05/2023
BID	00/00/00
CONSTRUCTION	00/00/00
revisions:	
PLAN CHECK	06/05/2023

designed by: RC
 checked by: RC

seal

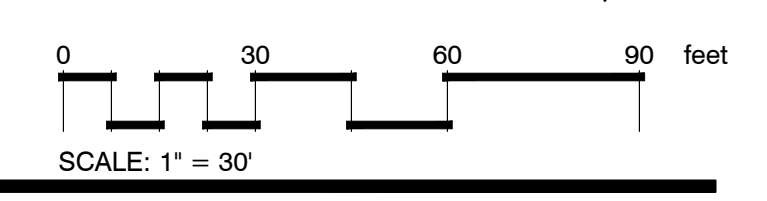


DATE: 6/05/2023
 sheet info

PLANTING PLAN

L1.0

civil



PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	H/S	MATURE CANOPY
	14	Cercis canadensis texensis	Texas Redbud	B&B	2"Cal		25
	41	Quercus macrocarpa	Burr Oak	B&B	2"Cal		60
	87	Ulmus americana	American Elm	B&B	2"Cal	7' x 2.5'	50
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT. SIZE	SPACING		
	123	Leucophyllum frutescens 'Bertstar Dwarf'	Bertstar Dwarf Texas Sage	3 gal			
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT. SIZE	SPACING		
	3,492 sf	Lantana urticoides	Texas Lantana	1 gal	36" o.c.		
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SPACING		
	14,917 sf	Glandularia bipinnatifida	Prarie Verbena	1 gal	24" oc		
TURF LAWN GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT.			
	97,752 sf	Zoysia x Zeon®	Zeon® Zoysia	Hydro Seed			
	3,117 sf	Zoysia x Zeon®	Zeon® Zoysia	Sod			

GENERAL PLANTING NOTES

- Installer shall be responsible for making himself familiar with all underground utilities, pipes and structures. Installer shall take sole responsibility for any cost incurred due to damage of said utilities.
- The installer shall make himself familiar with all local, regional, County, State and Federal regulations, requirements etc. in affect as to the transport, import, delivery and installation of all plant materials specified on the plans. It is strongly recommended to source plant materials from local nurseries that are also familiar with the requirements for growing, supplying and transporting plants into the area of the project.
- Installer shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and/or grade differences exist that may not have been known during design.
- Installer shall have soils tested by a qualified agronomy laboratory. Materials and mixing of soil amendments, fertilizers, and back fill for planting pits shall be in accordance with recommendations of the soils agronomy report.
- The installer shall secure all plant material for the project upon award of contract but in no instances less than 120 days prior to installation.
- All plant material shall be approved by the Landscape Architect, Owner or Owner's representative prior to installation.
- Final location of all plant material shall be subject to the approval of the Construction Manager.
- See details for staking method and plant pit dimensions.
- If conflicts arise between size of areas and plans, Installer to contact Construction Manager for resolution. Failure to make such conflicts known to the Construction Manager will result in Installer's liability to relocate the materials.
- All ground covers to be held back 4" from edge of new shrubs typical and 2" from back of curbs or edge of walks at time of planting.
- Ground covers shall be triangularly spaced per detail.
- Trees shall be located minimum 4' from walls, overhead, walks, headers and other trees within the project, unless otherwise shown.
- Place Deep Root Barrier at new trees that are with in 5' of Curbs or paving unless noted otherwise on the plans. Deep Root model UB 24-2 see installation detail.
- Separate all ground cover and shrub areas from lawn areas with headers as per the installation details.
- All slopes greater than 3:1 in shrub areas shall be covered jute mesh to prevent soil erosion during plant establishment
- Remove stakes and trellis from vines and espaliers and secure to walls, fences and posts as per detail
- In all cases "Root Bound" plant material will not be accepted.
- No trees are to be planted within or above site storm drain pipes, swales or retention basins.
- All planting areas including pots irrigated with drip irrigation or low volume irrigation components shall be hand watered by the installer until the plant materials root zones have established enough to effectively access the irrigation water from the drip systems.
- Planting areas (except lawn and hydroseed areas) to be top dressed with 3" (three inch) min. layer of mulch Shredded Hardwood by Denton Sand & Gravel Inc. or equal.

- Suitable Soil Import
 - General - Topsoil shall be free of roots, clods, stones larger than 1-inch in the greatest dimension, pockets of coarse sand, noxious weeds, sticks, lumber, brush and other litter. It shall not be infested with nematodes or other undesirable disease-causing organisms such as insects and plant pathogens
 - Topsoil shall be friable and have sufficient structure in order to give good tilth and aeration to the soil.
 - Gradation limits - soil shall be a sandy loam. The definition of soil texture shall be the USDA classification scheme cited below. Gravel over 2 millimeters in diameter shall be less than 20% by weight
 - Permeability Rate - Hydraulic conductivity rate shall be not less than one inch per hour nor more than 10 inches per hour when tested in accordance with the USDA Handbook Number 60, method 34b or other approved methods.
 - Fertility - The range of the essential elemental concentration in soil shall be as follows for approval of source soil:

Ammonium Bicarbonate/DTPA Extraction
parts per million (mg/kilogram)
dry weight basis

phosphorus	10 - 40
potassium	100 - 220
iron	5 - 35
manganese	0.6 - 6
zinc	1 - 8
copper	0.3 - 5
boron	0.2 - 1
magnesium	50 - 150
sodium	0 - 100
sulfur	25 - 500
molybdenum	0.1 - 2

- Acidity - The soil pH range measured in the saturation extract (Method 21a, USDA Handbook Number 60) shall be 6.0 - 7.9.
- Salinity - The salinity range measured in the saturation extract (Method 3a, USDA Handbook Number 60) shall be 0.5 - 2.5 dS/m.
- Chloride - The maximum concentration of soluble chloride in the saturation extract (Method 3a, USDA Handbook Number 60) shall be 150 mg/l (parts per million).
- Boron - The maximum concentration of soluble boron in the saturation extract (Method 3a, USDA Handbook Number 60) shall be 1 mg/l (parts per million).
- Sodium Adsorption Ratio (SAR) - The maximum SAR shall be 3 measured per Method 20b, USDA Handbook Number 60.
- Aluminum - Available aluminum measured with the Ammonium Bicarbonate/DTPA Extraction shall be less than 3 parts per million.
- Soil Organic Matter Content - Sufficient soil organic matter shall be present to impart good physical soil properties but not be excessive to cause toxicity or cause excessive reduction in the volume of soil due to decomposition of organic matter. The desirable range is 3% to 5%. The carbon:nitrogen ratio should be about 10.
- Calcium Carbonate Content - Free calcium carbonate (limestone) shall not be present for acid-loving plants.
- Heavy Metals - The maximum permissible elemental concentration in the soil shall not exceed the following concentrations:

Ammonium Bicarbonate/DTPA Extraction
parts per million (mg/kilogram)
dry weight basis

arsenic	1
cadmium	1
chromium	10
cobalt	2
lead	30
mercury	1
nickel	5
selenium	3
silver	0.5
vanadium	3

- If the soil pH is between 6 and 7, the maximum permissible elemental concentration shall be reduced 50%. If the soil pH is less than 6.0, the maximum permissible elemental concentration shall be reduced 75%. No more than three metals shall be present at 50% or more of the above values.
- Phytotoxic constituent, herbicides, hydrocarbons etc.* - Germination and growth of monocots and dicots shall not be restricted more than 10% compared to the reference soil. Growth inhibiting constituents must not be present.

20. Organic soil amendment

- Composted aerobic humus compost without presence of decomposition products. The organic matter content shall be at least 50% on dry weight basis. Humus material shall have an acid-soluble ash content of no less than 6% and no more than 20%.
- The pH of the material shall be between 6 and 7.5.
- The salt content shall be less than 6 millimho/cm @ 25° C. (ECe less than 6) in a saturated paste extract.
- Boron content of the saturated extract shall be less than 1.0 part per million.
- Silicon content (acid-insoluble ash) shall be less than 50%.
- Calcium carbonate shall not be present if to be applied on alkaline soils.
- Types of acceptable products are composts, manures, mushroom composts, straw, alfalfa, peat mosses etc. low in salts, low in heavy metals, free from weed seeds, free of pathogens and other deleterious materials.
- Composted wood products are conditionally acceptable [stable humus must be present]. Wood based products are not acceptable which are based on red wood or cedar.
- Sludge-based materials are not acceptable.
- Carbon:nitrogen ratio is between 8.0 and 20:1.
- SAR (sodium adsorption ratio) less than 5.
- Seed germination - over 80% germination in saturation extract diluted 1 to 3 in water compared to seeds germinated in deionized water.
- Germination vigor - equal to or better than seed length for seeds germinated in deionized water.
- Maturity and stability - Solvita 5 or higher.
- Molar ratio of ammoniacal nitrogen to nitrate nitrogen less than 2.
- The compost shall be aerobic without malodorous presence of decomposition products.
- The maximum particle size shall be 0.5 inch, 80% or more shall pass a No. 4 screen.

Maximum total permissible pollutant concentrations in amendment in parts per million on a dry weight basis:

arsenic	12	copper	100	selenium	20
cadmium	15	lead	100	silver	10
chromium	100	mercury	10	vanadium	50
cobalt	50	zinc	200	molybdenum	20
nickel	100				

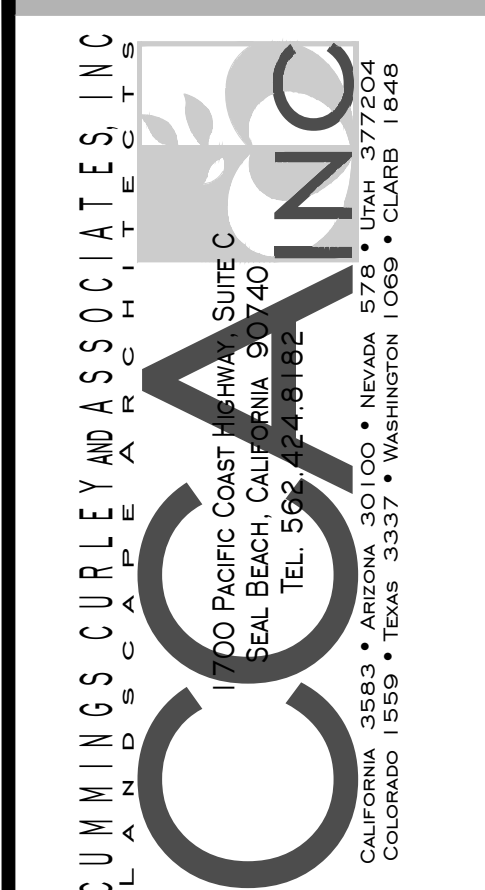
SOIL TESTS FOR SOIL MANAGEMENT

- The Contractor shall be responsible for obtaining soils testing and soil amendment recommendations. Soils testing shall be completed and test results and amendment recommendations submitted to the Owner's Representative a minimum of sixty (60) days before commencement of any planting. The report shall be reviewed and approved by the project Landscape Architect and ALL required governing agencies PRIOR to the commencement of any soil amending or planting.
- The testing laboratory shall be Texas A&M AgriLife Extension Service Soil, Water and Forage Testing Laboratory, 2610 F&B Road College Station, TX 77845 or approved equal as approved by the Owner's Representative, or approved equal as approved by the Owner's Representative.
- The testing laboratory for soils analysis shall use the following criteria for soil testing: USDA Agricultural Suitability Test per Handbook 60, to include Boron presence and content; and University of California Soil Fertility Test.
- Interpretations, fertilization and soil amendment recommendations, and comments regarding these tests are required.
- Infiltration Rate determined by laboratory test or Soil Texture and Infiltration Rate table
- Soils test sites shall occur not more than 250 feet on center in the planting areas, unless otherwise noted on plans.
- Samples of all import soil from each source shall also be submitted to the soils testing laboratory for analysis, interpretation and recommendations prior to placement, blending or back-filling.
- A copy of the plant schedule shall be provided to the lab for review and comment in relation to the results of the soils tests.

PERCOLATION TEST

- The landscape installer shall dig (as test areas) four (4) plant pits of 24" box size, or larger, at four (4) locations minimum within the job site. Pits are to be filled with water. The results of this test shall be reported to the Landscape Architect and owner 48 hours after initiating. Test pits shall be in actual location of trees as shown on the plan. Failure to carry out this test shall make the landscape installer liable for any and all trees that die due to poor water percolation beyond the agreed guarantee period.

landscape architect



project no. 22-10526

owner

THE HOME DEPOT
2455 PACES FERRY ROAD, C-19
ATLANTA, GA 30339-4024
PHONE: (770) 433-8211

project info

HD-MONTGOMERY
HIGHWAY 105 BUFFALO SPRINGS
DRIVE
STORE: 0000
prototype:
4C-2021.01 | 3/11/22



issue dates

submission:	date
PERMIT	06/05/2023
BID	00/00/00
CONSTRUCTION	00/00/00

revisions:

PLAN CHECK	06/05/2023
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designed by: RC

checked by: RC

seal



DATE: 6/05/2023

sheet info

PLANTING NOTES & SCHEDULES

L1.1

civil

landscape

structural

architectural

equipment

plumbing

mechanical

electrical