

MANUFACTURER: KEYSTONE RIDGE DESIGNS

PRODUCT NAME: KN6 - KILLIAN BENCH WITH BACK 6-FOOT

NOTES: SURFACE MOUNT WITH TAMPER-RESISTANT BOLT

WEBSITE: KEYSTONERIDGEDESIGNS.COM

COLOR: SAPPHIRE, RAL-5005

QUANTITY: 100 S.F.

SHADING FOR PARKING LOT PAVEMENT - PHASE 1 Chapter 59 Section 6.2.9.C.2. Tree Canopy

= 15,733 s.f.Parking Lot Pavement Area Shaded Area required (25% of Total Pavement Area) = 3,933 s.f.Total Shaded Area provided = 3,957 s.f.

*Shade is provided by canopy of buildings.

1. THIS PLAN IS FOR PLANTING PURPOSES ONLY.

WILL RESULT IN REJECTION OF THAT PLANT.

2. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE, INCLUDING SHRUBS AND GROUNDCOVER, AND SHALL MAINTAIN AREA IN A WEED AND DEBRIS FREE CONDITION, THROUGHOUT THE ONE YEAR GUARANTEE PERIOD.

PLANTING NOTES

 $\underline{3.}$ CONTRACTOR SHALL LAY OUT AND CLEARLY STAKE ALL PROPOSED IMPROVEMENTS INCLUDED ON THIS PLAN.

4. CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY PRIOR TO BEGINNING CONSTRUCTION FOR LOCATION OF ALL UTILITY LINES. TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS. CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO ANY AND ALL PUBLIC

5. QUANTITIES AS SHOWN ON THE PLAN SHALL GOVERN OVER PLANT LIST QUANTITIES. CONTRACTOR TO VERIFY PLANT LIST TOTALS WITH QUANTITIES SHOWN ON PLAN. LANDSCAPE ARCHITECT SHALL BE ALERTED BY CONTRACTOR OF ANY DISCREPANCIES PRIOR TO FINAL BID NEGOTIATION. UNIT

PRICES FOR ALL MATERIAL SHALL BE SUPPLIED TO THE OWNER AT BIDDING TIME. 6. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT. OWNER SHALL RECEIVE TAG FROM EACH PLANT SPECIES AND A LIST OF PLANT SUPPLIERS. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL MEET THE NORMAL REQUIREMENTS FOR THE VARIETY PER THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY AMERICANHORT. PLANTS

SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT. 7. CONTRACTOR IS RESPONSIBLE FOR SOIL TESTING AND PREPARATION AS OUTLINED IN THE CURRENT EDITION OF THE LANDSCAPE SPECIFICATION GUIDELINES OF THE LANDSCAPE CONTRACTORS ASSOCIATION OF MD-DC-VA (LCA). PREPARATION SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE ADDITION OF SOIL AMENDMENTS, FERTILIZERS AND SUPPLEMENTAL TOPSOIL AS INDICATED BY TESTING; AND SUBGRADE, FINAL GRADE AND FINISH GRADE SOIL PREPARATION.

8. WHERE TREES ARE PLANTED IN ROWS, THEY SHALL BE UNIFORM IN SIZE AND SHAPE.

9. SIZES SPECIFIED IN THE PLANT LIST ARE MINIMUM SIZES TO WHICH THE PLANTS ARE TO BE JUDGED. FAILURE TO MEET MINIMUM SIZE ON ANY PLANT

10. ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL BRANCHED, FREE OF DISEASE, INSECT EGGS, AND LARVAE, AND SHALL

11. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.

12. GROUPS OF SHRUBS SHALL BE PLACED IN A CONTINUOUS MULCH BED WITH SMOOTH CONTINUOUS LINES. ALL MULCHED BED EDGES SHALL BE CURVILINEAR IN SHAPE FOLLOWING THE CONTOUR OF THE PLANT MASS UNLESS OTHERWISE NOTED. TREES LOCATED WITHIN FOUR FEET OF SHRUB BEDS SHALL SHARE SAME MULCH BED.

13. NO EXISTING TREES SHALL BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER EXCEPT WHERE NOTED ON PLANS. NO GRUBBING SHALL OCCUR WITHIN EXISTING TREE AREAS.

14. TREES SHALL BE LOCATED A MINIMUM OF 3 FEET FROM WALLS AND WALKS WITHIN THE PROJECT. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE OF AREA AND PLANS, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE OWNER OR LANDSCAPE ARCHITECT WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE MATERIALS.

15. LARGE GROWING PLANTS ARE NOT TO BE PLANTED IN FRONT OF WINDOWS, UNDER BUILDING OVERHANGS, OR IN DRAINAGE SWALES. SHRUBS PLANTED NEAR HVAC UNITS TO BE LOCATED SO THAT SHRUBS AT MATURITY WILL MAINTAIN 1-FOOT AIRSPACE BETWEEN UNIT AND PLANT. 16. CONTRACTOR TO SLIGHTLY ADJUST PLANT LOCATIONS IN THE FIELD AS NECESSARY TO BE CLEAR OF DRAINAGE SWALES AND UTILITIES. FINISHED

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18. ALL TREE PITS, SHRUB BEDS AND PREPARED PLANTING BEDS ARE TO BE COMPLETELY EXCAVATED IN ACCORDANCE WITH THE PLANTING DETAILS.

19. MULCH IS TO BE DOUBLE SHREDDED HARDWOOD BARK FOR TREES AND SHRUBS.

20. CROWN OF ROOT FLARE SHALL BE 1/2" - 3" HIGHER (AFTER SETTLING) THAN ADJACENT SOIL.

FINISH GRADE

MAIN PLANT STEM

AROUND PLANT

21. TAGS AND TWINE ARE TO BE REMOVED AND BURLAP IS TO BE ROLLED BACK ONE-HALF ON ALL B&B PLANT MATERIAL.

22. SHRUBS SHALL BE TRIANGULARLY SPACED AT SPACING SHOWN ON PLANTING PLANS WHERE MASSING IS INDICATED.

23. SHADE TREES: HEIGHT SHALL BE MEASURED FROM THE CROWN OF THE ROOT FLARE TO THE TOP OF MATURE GROWTH. SPREAD SHALL BE MEASURED TO THE END OF BRANCHING EQUALLY AROUND THE CROWN FROM THE CENTER OF THE TRUNK. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH. SINGLE TRUNK TREES SHALL BE FREE OF "V" CROTCHES THAT COULD BE POINTS OF WEAK LIMB STRUCTURE OR DISEASE

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24. ALL SUBSTITUTIONS OF PLANT MATERIAL ARE TO BE REQUESTED IN WRITING TO THE LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER AND M-NCPPC. FAILURE TO OBTAIN SUBSTITUTION APPROVAL IN WRITING MAY RESULT IN LIABILITY TO THE CONTRACTOR.

25. ALL CONTRACTORS SHALL BE REQUIRED TO COMPLETELY REMOVE ALL TRASH, DEBRIS AND EXCESS MATERIALS FROM THE WORK AREA AND THE PROPERTY (ESPECIALLY AT ALL CURB, GUTTERS AND SIDEWALKS) DAILY DURING INSTALLATION. 26. DEAD PLANTS ARE TO BE REMOVED FROM THE JOB BY THE CONTRACTOR ON A MONTHLY BASIS. CONTRACTOR SHALL MAINTAIN AN UPDATED,

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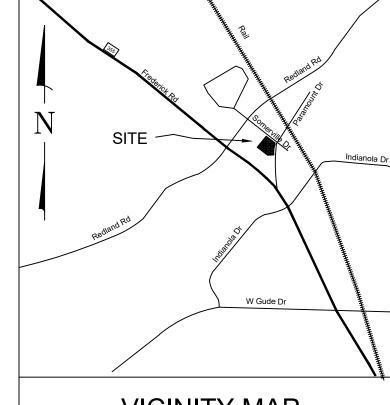
28. CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, FOR ONE FULL YEAR AS REQUIRED BY THE

SPECIFICATIONS. CONTRACTOR MUST CONTACT THE OWNER AT LEAST 10 WORKING DAYS IN ADVANCE TO SCHEDULE ACCEPTANCE INSPECTION(S). CONTRACTOR MUST REPLACE ALL DEAD OR UNACCEPTABLE PLANTS DURING THE FOLLOWING RECOMMENDED PLANTING SEASON. 29. THE SPECIFICATIONS FOR ALL WORK INCLUDED IN THIS CONTRACT SHALL BE FROM THE LANDSCAPE SPECIFICATION GUIDELINES BY THE

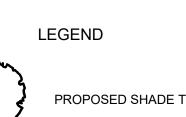
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CONDENSER UNITS BE INSTALLED IN LOCATIONS DIFFERENT FROM THOSE SHOWN ON THE PLAN IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL THE MATERIALS AROUND THE CONDENSERS AND TO ADJUST OTHER ADJACENT PLANTING ACCORDINGLY

31. FOR INFORMATION REGARDING APPROPRIATE PLANTING PERIODS FOR DIFFERENT SPECIES, SEE THE LATEST EDITION OF THE LANDSCAPE SPECIFICATION GUIDELINES FROM THE LANDSCAPE CONTRACTORS ASSOCIATION OF MD-DC-VA PART 1-EXTERIOR LANDSCAPE INSTALLATION, SECTION 1.12 (A-G) AT WWW.LCAMDDCVA.ORG.



VICINITY MAP SCALE 1" = 2,000'



PROPOSED ORNAMENTAL TREES



TO 25% SHADING REQUIREMENT PARKING LOT AREA TO BE SHADED BY 20-YEAR TREE CANOPY

PARKING LOT AREA TO BE 5%

ORIENT THE SIDE OF THE TREE THAT FACED NORTH IN NURSERY TO FACE

GUYING SYSTEM: (2) HARDWOOD STAKES PER

FOR SUPPORT; 1/2" HOSE LOOPS AT TRUNK

- PLACE 1/8 OF ROOT BALL ABOVE ADJACENT

— BERM SOIL TO DRAIN AWAY FROM TREE

- 3" HARDWOOD MULCH TO COVER ENTIRE

PLANTING AREA - EXCEPT 3" CLEAR

- CUT ROPE AND TURN BACK TOP 1/3 OF

PLACES AND FOLD DOWN 12" INTO HOLE.

- PLANTING MOUND TO INHIBIT SETTLING.

REMOVE DEBRIS AND EXCESS SOIL FROM

BURLAP AWAY FROM ROOT BALL. FOR TREE WITH WIRE BASKET, CUT BASKET IN FOUR

PREPARE SOIL AS SPECIFIED

TOP OF BARE ROOT BALL

ROOT BALL TO REST UPON UNDISTURBED SOIL

TREE; 2 STRANDS GALVANIZED WIRE TWISTED

NORTH IN THE PLANTING AREA

FINISHED GRADE

AROUND TRUNK

TOTAL PARKING LOT AREA SUBJECT

PROPOSED SHRUBS



EXISTING TREES

LANDSCAPE AREA

 GALVANIZED STEEL HARDWOOD

-PLACE TOP 1/8 OF ROOT BALL ABOVE PINE BARK MULCH PLACE MIN. 2" DEEP OVER ENTIRE SAUCER AND RIM, EXCEPT LEAVE 2"-3" CLEAR AROUND TRUNK OR - CREATE 2"-3" SAUCER RIM WITH PREPARED REMOVE BURLAP, TWINE, ROPE, WIRE ETC FROM TOP 1/3 OF ROOT BALL REMOVE SHRUB FROM ALL CONTAINERS AND VERTICALLY SLIT ROOT BALL WITH SHARP KNIFE EVERY 4"-6" AROUND BALL. DO NOT LEAVE CIRCLING ROOTS AGAINST ROOT - PLANTING SOIL PREPARED AS SPECIFIED. TAMP AND WATER WHEN BACKFILLING - EXCAVATE MIN, 6" BELOW BALL AND COMPACT PREPARED SOIL MIX AS BASE

* PRUNE ONLY DEAD, BROKEN OR CROSSING BRANCHES (NO HEADING BACK) * ALL STAKING AND GUYING TO BE REMOVED AFTER 6 MONTHS. \mid * WATER @ PLANTING WHEN SOIL PIT IS $1\!\!\!/_2$ BACK FILLED 2 DOUBLE STRANDS OF 12 GAUGE FLAGGING TAPE GALVANIZED WIRE TWISTED FOR SUPPORT. ALLOW FOR I" PLAY OF TRUNK. (DO NOT WRAP TRUNK WITH WIRE & HOSE) FINAL GRADE 2x WIDTH OF ROOT BALL (Up to 5x in compact soil) DECIDUOUS TREE PLANTING - UNDER 3" CALIPE

PARKING LOT PERIMETER LANDSCAPING REQUIREMENTS - PHASE 1 CHAPTER 59 SECTION 6.2.9.C.3.

| | REQUIRED/PERMITTED | PROVIDED | |
|--|-------------------------------|----------|--|
| b. Perimeter planting area for a property that abuts a public right-of-way or any other zoned property | PERIMETER SCREEN A - 175 L.F. | | |
| i. Minimum width | 6' | 35' | |
| ii. Minimum hedge height | 3' | 6' | |
| iii. Canopy trees | 30' o.c. 5.8 trees | 6 trees | |
| • | 1 | 1 | |

2x WIDTH OF ROOT BALL

WHEN SOIL PIT IS 1/2 BACK FILLED

| b. Perimeter planting area for a property that abuts a public right-of-way or any other zoned property | PERIMETER SCREEN B - 65 L.F. | | | |
|--|------------------------------|---------|--|--|
| i. Minimum width | 6' | 15.5' | | |
| ii. Minimum hedge height | 3' | 6' | | |
| iii. Canopy trees | 30' o.c. 2.2 trees | 3 trees | | |

| | | PHAS | SE 1 LANDSCAPE PLANT LI | ST | | | |
|---------|-----------|------------------------------------|--------------------------------|-------------|--------|----------|----------|
| KEY | QTY | BOTANICAL NAME | COMMON NAME | CAL | HGT | ROOT | SPACING |
| SHADE T | REES | | | | | | |
| ARU | 3 | Acer rubrum | Red maple | 2-2 ½" cal. | | B&B | AS SHOWN |
| GTR | 8 | Gleditsia triacanthos var. inermis | Honey locust | 2-2 ½" cal. | | B&B | AS SHOWN |
| DECIDUO | DUS & EVI | ERGREEN SHRUBS | | | | | |
| FGA | 19 | Fothergilla gardenii | Fothergilla | | 24-30" | #5 Cont. | 36" o.c. |
| IVO | 13 | llex vomitoria 'Schilling's Dwarf' | Schilling's Dwarf Yaupon Holly | | 30-36" | #7 Cont. | 60" o.c. |
| JCA | 3 | Juniperus chinensis 'Spartan' | Spartan Chinese Juniper | | 24-30" | #5 Cont. | 60" o.c. |
| PLO | 15 | Prunus laurocerasus 'Otto Luyken' | Otto Luyken Laurel | | 30-36" | #7 Cont. | 60" o.c. |
| MCD | 18 | Morella cerifera 'Don's Dwarf' | Don's Dwarf Bayberry | | 30-36" | #7 Cont. | 60" o.c. |

Note: Plant counts are provided for the convenience of the contractor. The plan dominates on any discrepancies between the table and the plan. Contractor is responsible for verifying the counts and bringing any discrepancies to the attention of the landscape architect and client before proceeding. The planting plan must be carefully followed to ensure good plant survival and acceptance of landscaping upon completion of the project. Failure to install the specified plants in the specified locations will result in the rejection of the entire planting area, and the contractor will be required to reinstall the plantings as shown on the plans at their own expense. Substitutions are not allowed without prior approval of the landscape architect.

REVISIONS DESCRIPTION

CIVIL ENGINEERING

LAND SURVEYING

LANDSCAPE ARCHITECTURE LAND PLANNING

9220 Wightman Road, Suite 120

Montgomery Village, MD 20886 Phone: 301.670.0840 www.mhgpa.com

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Professional Certification

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed

Exp. Date. 09.10.2025

ARCLAND Property Company L.L.C.

Paramount Self Storage, L.L.C.

1055 Thomas Jefferson St. NW

the State of Maryland. Lic. No. 615

OWNER/APPLICANT:

Phone: (717) 858 - 4153

Email: jake@arc.land

Ste. 250

TAX MAP GS122 WSSC 221NW08

4TH ELECTION DISTRICT MONTGOMERY COUNTY MARYLAND

DERWOOD SOMERVILLE **ADDITION**

| ROJ. MGR | DM |
|----------|------------|
| RAWN BY | PHR |
| CALE | 1"= 30' |
| ATE | 05.23.2024 |
| | • |

PHASE 1 PLAN LANDSCAPE PLAN

CONDITIONAL USE XX-XX L2.01

PROJECT NO. 23.120.12 SHEET NO. 1 of 2

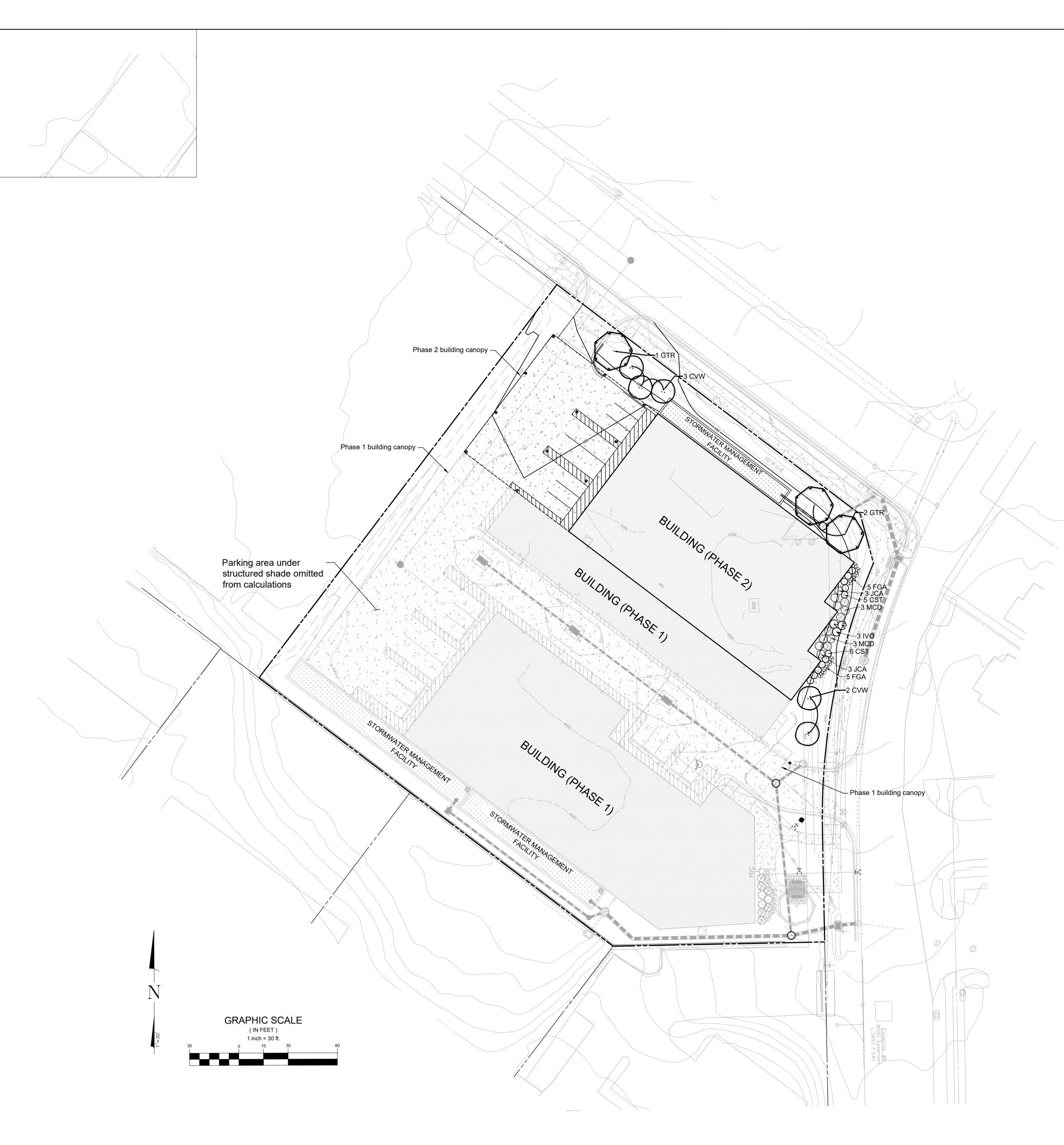
Know what's **below. Call** before you dig.

FOR UTILITY LOCATIONS

PRIOR TO CONSTRUCTION

AT LEAST 48 HOURS

CONTACT "ONE CALL" AT 811



| | PHASE 2 LANDSCAPE PLANT LIST | | | | | | |
|--------|------------------------------|------------------------------------|--------------------------------|--------|--------|----------|----------|
| KEY | QTY | BOTANICAL NAME | COMMON NAME | CAL | HGT | ROOT | SPACING |
| TREES | | | · I | | | | |
| CVW | 5 | Crataegus viridis 'Winter King' | Winter King Green Hawthorn | | 8-10' | B&B | AS SHOWN |
| GTR | 3 | Gleditsia triacanthos | Honey Locust | 2-2 ½" | | B&B | AS SHOWN |
| SHRUBS | | | 1 | l | | | |
| CST | 11 | Cornus sericea | Redosier Dogwood | | 24-30" | #5 Cont. | 48" o.c. |
| FGA | 10 | Fothergilla gardenii | Fothergilla | | 24-30" | #5 Cont. | 36" o.c. |
| IVO | 3 | llex vomitoria 'Schilling's Dwarf' | Schilling's Dwarf Yaupon Holly | | 24-30" | #5 Cont. | 60" o.c. |
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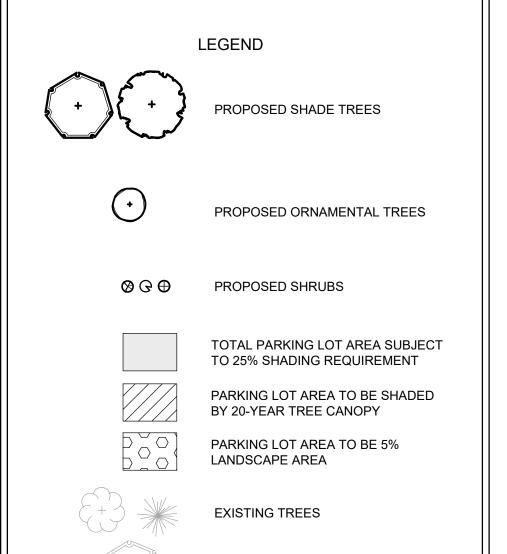
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PHASE 1 TREES

NORTH IN THE PLANTING AREA

FINISHED GRADE

AROUND TRUNK

PREPARE SOIL AS SPECIFIED

TOP OF BARE ROOT BALL

ROOT BALL TO REST UPON

UNDISTURBED SOIL

GALVANIZED STEEL

─ HARDWOOD

TREE TRUNK ----

ORIENT THE SIDE OF THE TREE THAT DESCRIPTION FACED NORTH IN NURSERY TO FACE TREE; 2 STRANDS GALVANIZED WIRE TWISTED FOR SUPPORT; 1/2" HOSE LOOPS AT TRUNK - PLACE 1/8 OF ROOT BALL ABOVE ADJACENT — BERM SOIL TO DRAIN AWAY FROM TREE 3" HARDWOOD MULCH TO COVER ENTIRE PLANTING AREA - EXCEPT 3" CLEAR - CUT ROPE AND TURN BACK TOP 1/3 OF BURLAP AWAY FROM ROOT BALL. FOR TREE WITH WIRE BASKET, CUT BASKET IN FOUR TAX MAP GS122 PLACES AND FOLD DOWN 12" INTO HOLE. REMOVE DEBRIS AND EXCESS SOIL FROM 4TH ELECTION DISTRICT — PLANTING MOUND TO INHIBIT SETTLING.

MONTGOMERY COUNTY MARYLAND DERWOOD SOMERVILLE

WSSC 221NW08

CIVIL ENGINEERING

LAND SURVEYING

LANDSCAPE ARCHITECTURE LAND PLANNING

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Professional Certification

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed

Exp. Date. 09.10.2025

ARCLAND Property Company L.L.C.

Paramount Self Storage, L.L.C.

1055 Thomas Jefferson St. NW

the State of Maryland. Lic. No. 615

OWNER/APPLICANT:

Phone: (717) 858 - 4153

Email: jake@arc.land

Ste. 250

PROJ. MGR **DRAWN BY** SCALE 05.23.2024

PHASE 2 PLAN LANDSCAPE PLAN

CONDITIONAL USE XX-XX

PROJECT NO. 23.120.12 SHEET NO. 2 of 2

REMOVED AFTER 6 MONTHS. * WATER @ PLANTING WHEN SOIL PIT IS 1/22 DOUBLE STRANDS OF 12 GAUGE GALVANIZED WIRE TWISTED FOR SUPPORT. ALLOW FOR I" PLAY OF TRUNK. (DO NOT WRAP TRUNK WITH WIRE & HOSE) EXPOSED ROOT FLARE LEVEL WITH FINAL GRADE UNDISTURBED SOIL ----DECIDUOUS TREE PLANTING - UNDER 3" CALIPER

* PRUNE ONLY DEAD, BROKEN OR CROSSING BRANCHES (NO HEADING BACK) * ALL STAKING AND GUYING TO BE

FOR UTILITY LOCATIONS CONTACT "ONE CALL" AT 811 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION