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I:\CADD\DRAWINGS\23100\PLANES BY GLW\SITE PLAN -- LEV2 - 23100.2 - SP - 02a.dwg
PLOTED: 4/11/2024 4:03 PM, LAST SAVED: 2/21/2024 3:53 PM, PLOTTED BY: Keith Bennett

Community Planning & Development Services
Received
April 16, 2024



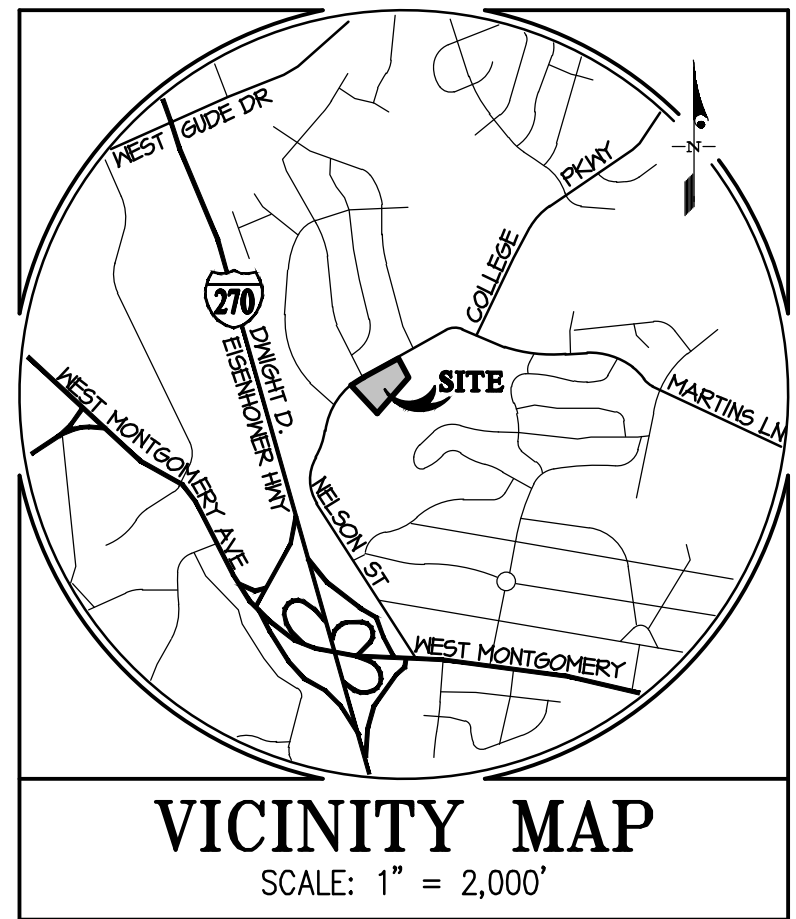
3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

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|--------------|----------|----|-------|--|
| DESIGNED BY: | | | | |
| RLG | | | | |
| DRAWN BY: | | | | |
| RLG | | | | |
| CHECKED BY: | | | | |
| KAF | | | | |
| DATE | REVISION | BY | APP'R | |

| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-------------------------------------------------------------------------------------------------------------|--|-------------------|
| PREPARED FOR: WOODLEY WAVES LLC 236 ANDERSON AVENUE ROCKVILLE, MD. 20850 ATTN: PETER CROMWELL EMAIL: petercromwell@georgetownhill.com | SCALE | ZONING | APPROVAL SHEET | | G. L. W. FILE No. |
| | AS SHOWN | R-90 | Georgetown Hill School at Woodley Gardens 850 Nelson Street Block "D", Lot 6, Rockville Estates | | 23100 |
| | DATE | TAX MAP - GRID | ROCKVILLE ELECTION DISTRICT No. 06 | | SHEET |
| | APRIL 2024 | GR - 13 | MONTGOMERY COUNTY, MARYLAND | | 2 OF 9 |



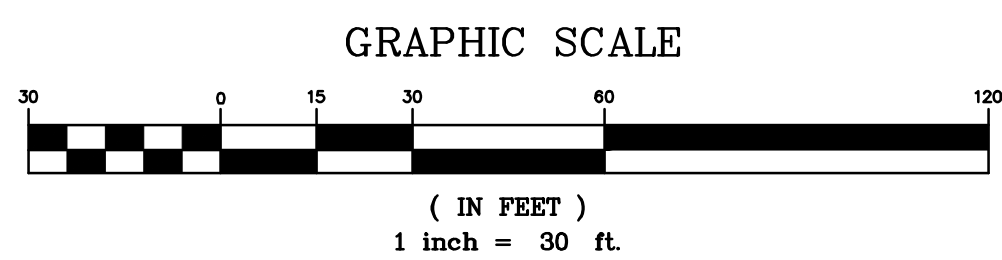
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ONE CALL SYSTEMS INTERNATIONAL
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- EXISTING UTILITY NOTES
- FOR MARKING LOCATIONS OF EXISTING UTILITIES, NOTIFY "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
 - INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THIS PLAN OR LESS THAN 12 INCHES WHEN NOT SPECIFIED, CONTACT THE ENGINEER AND THE OWNER OF THE OTHER INVOLVED UTILITY BEFORE PROCEEDING WITH CONSTRUCTION.
 - FOR FIELD LOCATION OF GAS LINE SERVICES, NOTIFY WASHINGTON GAS LIGHT CO., 703-750-1000, 48 HOURS PRIOR TO THE START OF ANY EXCAVATION OR CONSTRUCTION.
 - OMISSIONS AND/OR ADDITIONS OF UTILITIES FOUND DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF ANY CONTRACTOR ENGAGED IN EXCAVATION AT THIS SITE. GATSCARA, LITTLE & WEBER, P.A. SHALL BE NOTIFIED IMMEDIATELY OF ANY AND ALL UTILITY INFORMATION, OMISSIONS AND ADDITIONS FOUND BY ANY CONTRACTOR.
 - DUE TO THE PROXIMITY OF LIVE UNDERGROUND AND OVERHEAD UTILITIES, WE ARE NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY SUSTAINED DURING CONSTRUCTION BY ANY PERSONS, TRUCKS, TRAILERS, OR EQUIPMENT USED ON OR ADJACENT TO THE SITE.

LEGEND

- EX. PROPERTY LINE
- EX. CONTOURS
- EX. CURB
- EX. SIDEWALK
- EX. CURB
- EX. ELECTRIC
- EXISTING OVERHEAD WIRE
- EX. SAN.
- EX. WATER
- PROP. WATER
- EX. STORM DRAIN
- SVB
- EX. STREAM
- EX. WETLANDS
- EX. WETLAND BUFFER
- EX. BUILDING/ STRUCTURE
- PROP. BUILDING/ STRUCTURE
- PROP. CONCRETE

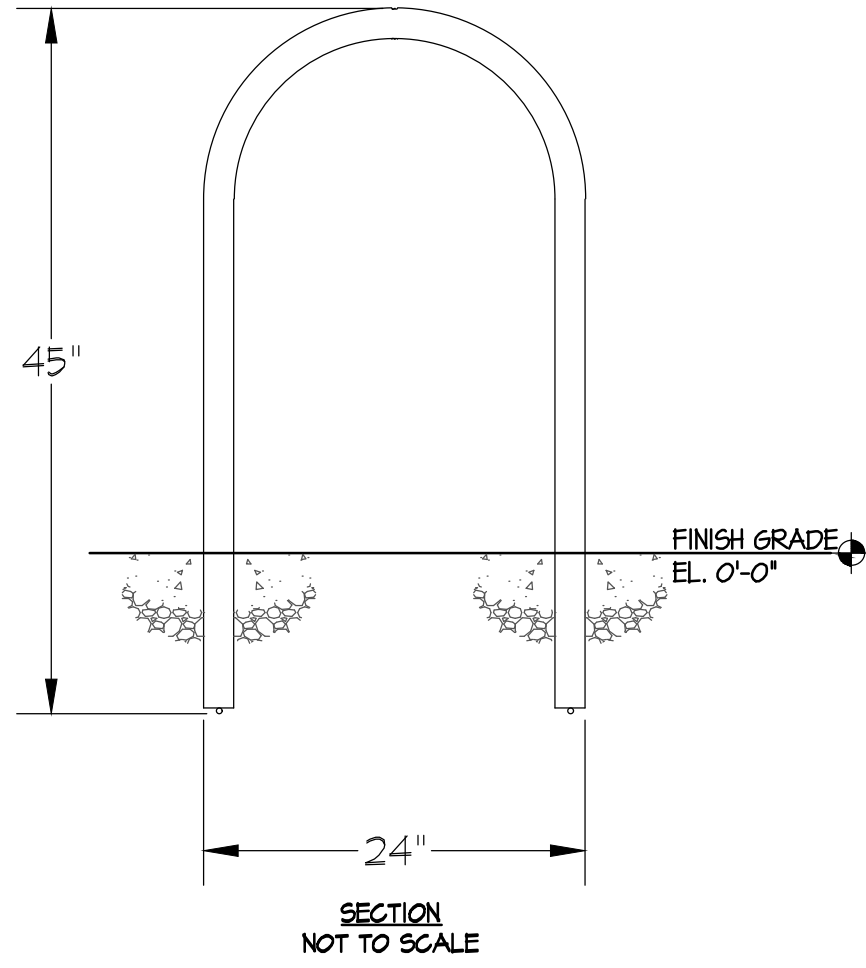
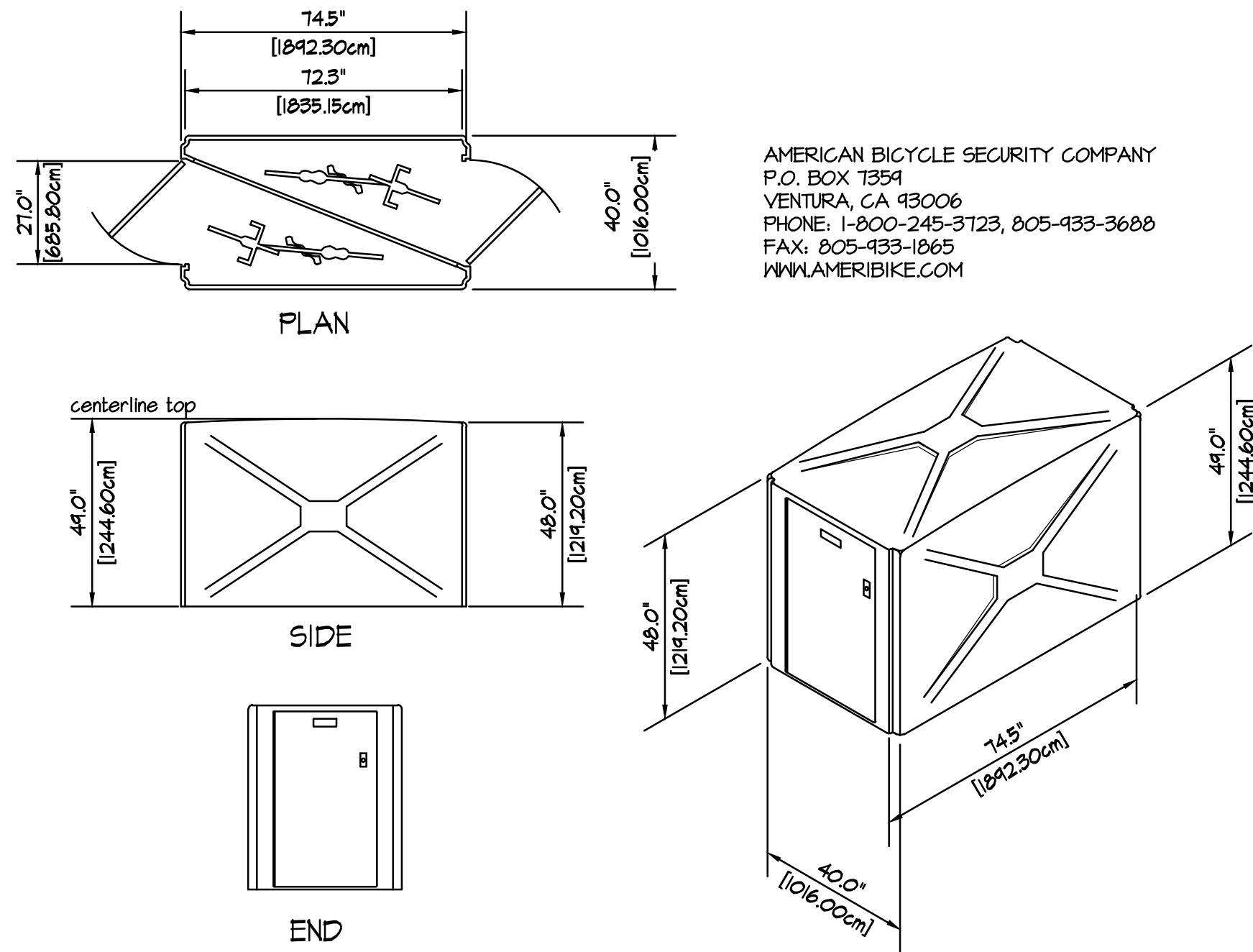


PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24914
EXPIRATION DATE: JANUARY 20, 2026

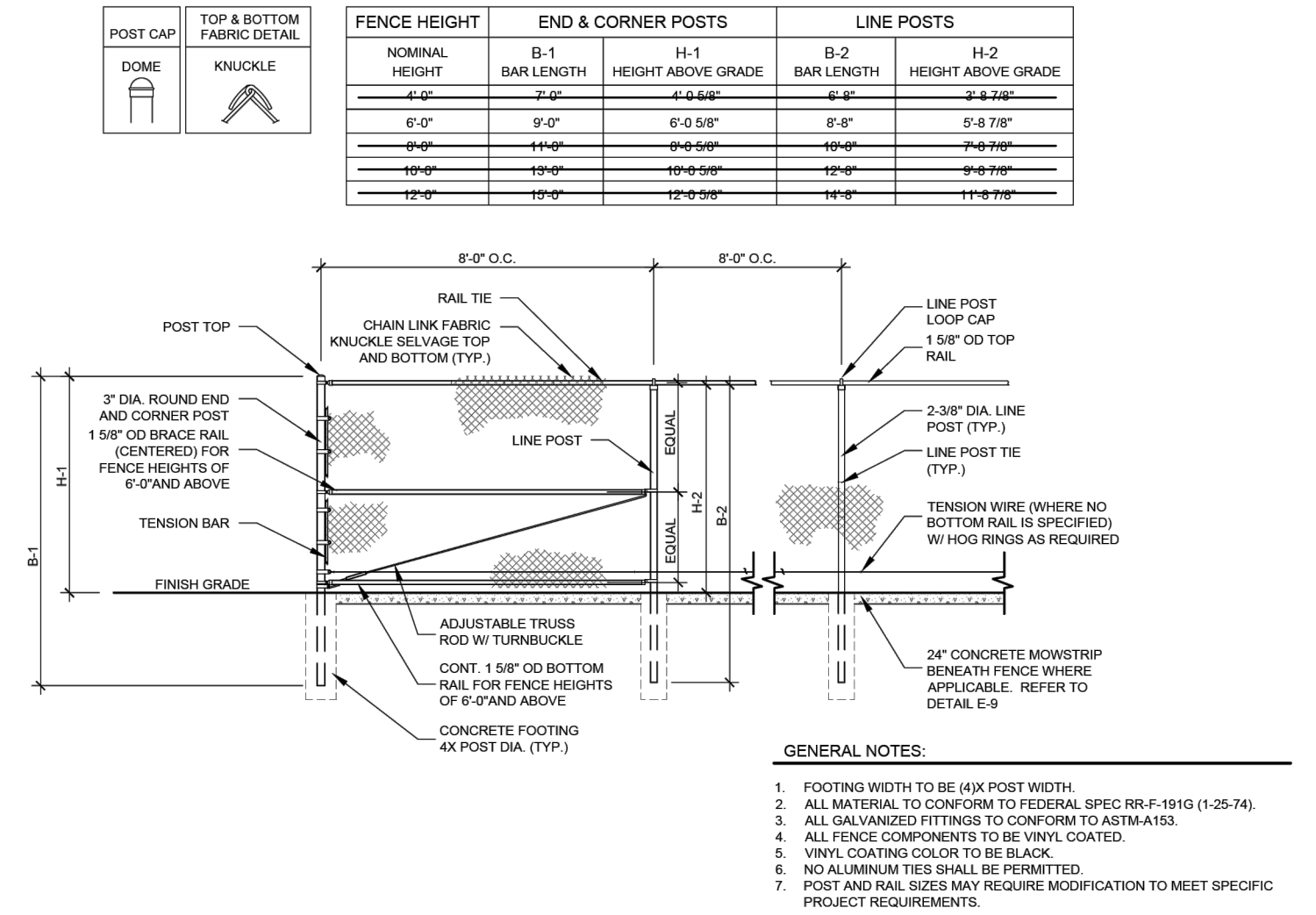
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PLANNING | ENGINEERING | SURVEYING
3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20886 | GLWPA.COM
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| DESIGNED BY | RLG | | | | |
| DRAWN BY | RLG | | | | |
| CHECKED BY | KAF | | | | |
| DATE | | REVISION | | BY | APP'R. |

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| PREPARED FOR: | SCALE | ZONING | SITE PLAN | G. L. W. FILE No. |
| WOODLEY WAVES LLC 236 ANDERSON AVENUE ROCKVILLE, MD, 20850 ATTN: PETER CROMWELL EMAIL: petercromwell@georgetownhill.com | 1" = 30' | R-90 | Georgetown Hill School at Woodley Gardens 850 Nelson Street Block "D", Lot 6, Rockville Estates | 23100 |
| | DATE | TAX MAP - GRID | ROCKVILLE ELECTION DISTRICT No. 06 | SHEET |
| | APRIL 2024 | GR - 13 | | 3 OF 9 |

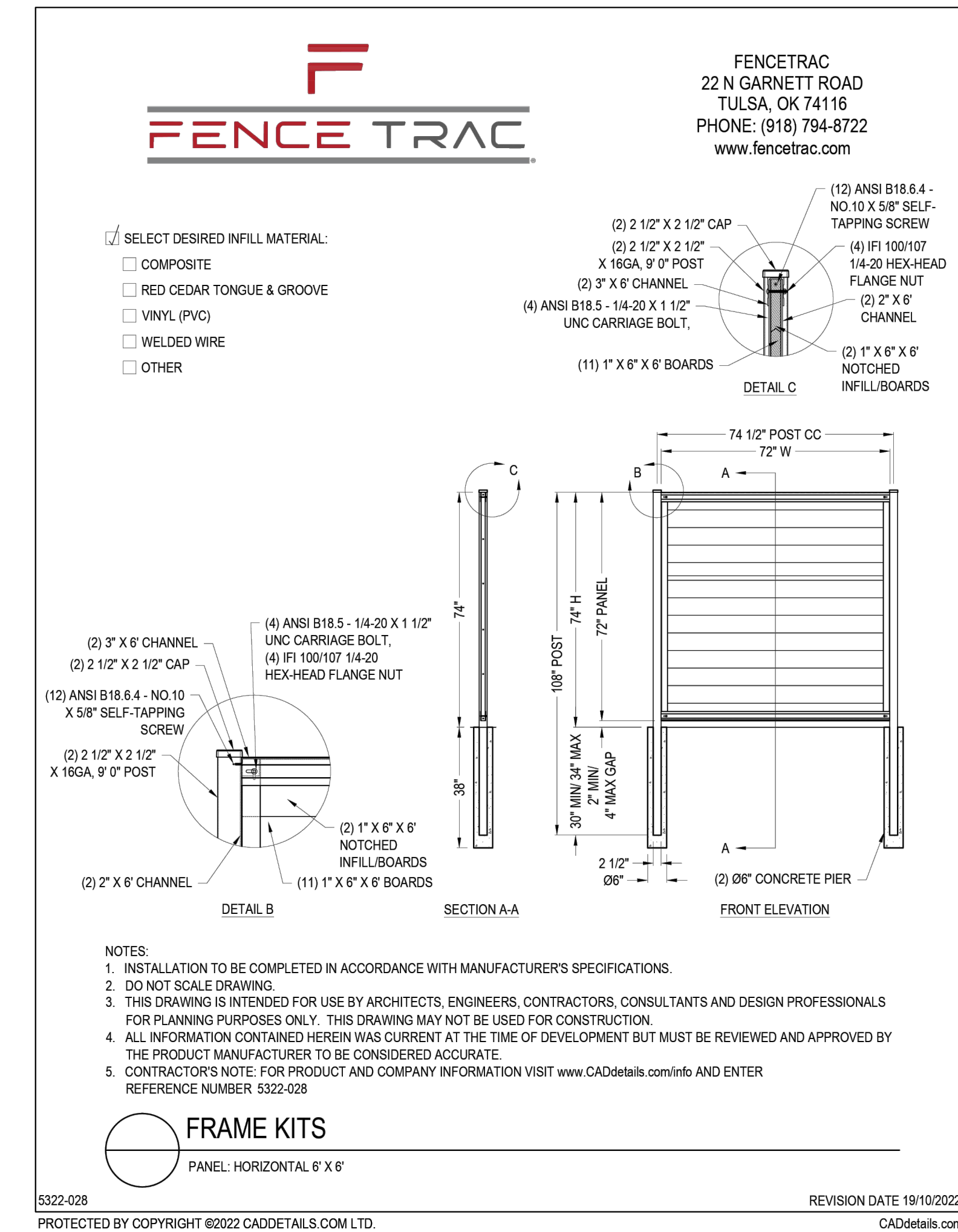


- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. FREESTANDING RAIL MOUNT MODEL ALSO AVAILABLE. CONTACT THE MANUFACTURER.
 4. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDDETAILS.COM/INFO REFERENCE NUMBER 118-009.



① BIKE LOCKERS INSTALLED PER MANUFACTURES DETAILS
SCALE: N.T.S. BIKE SHELL MODEL 302 - SURFACE MOUNT OR APPROVED EQUAL

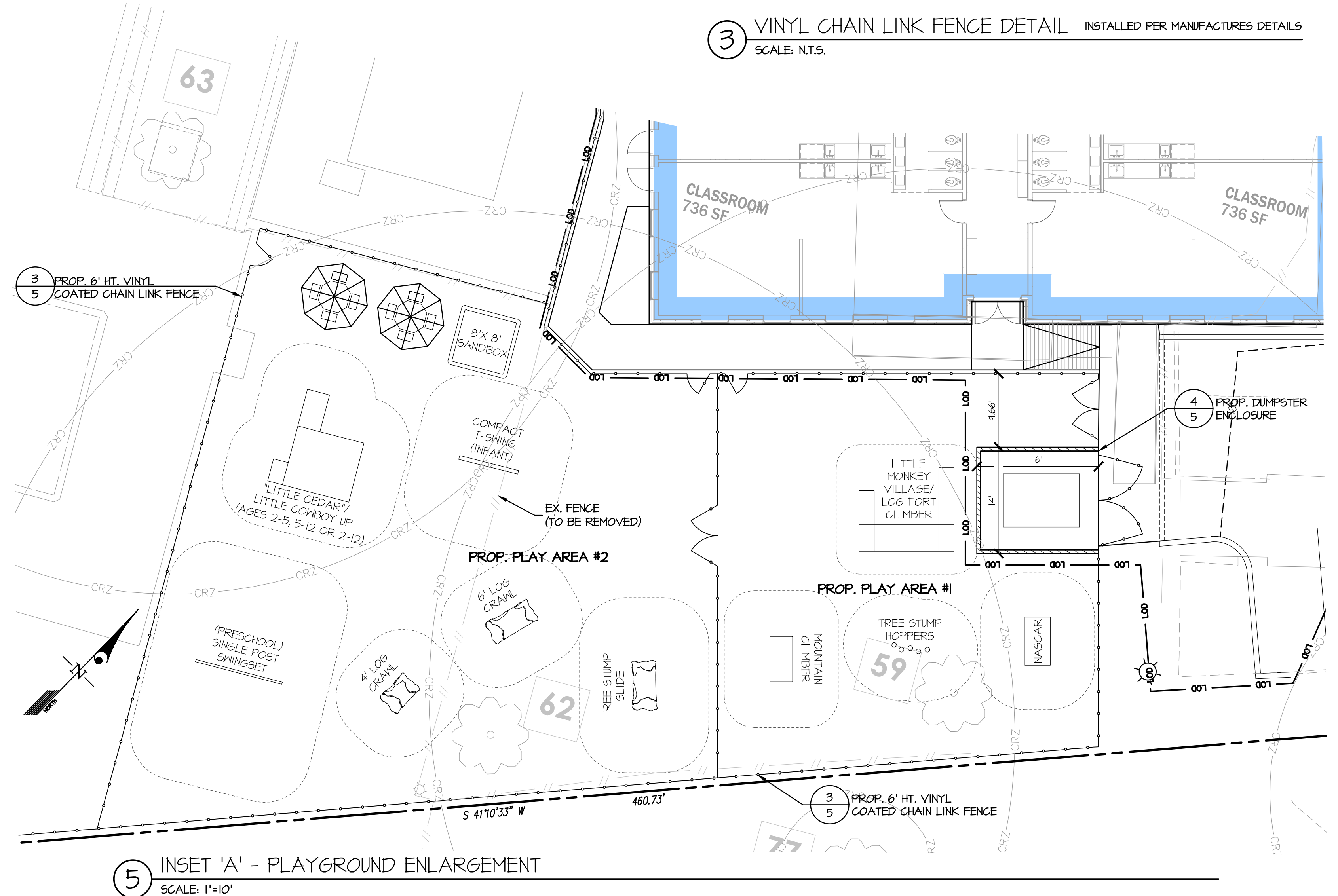
③ VINYL CHAIN LINK FENCE DETAIL INSTALLED PER MANUFACTURES DETAILS
SCALE: N.T.S.



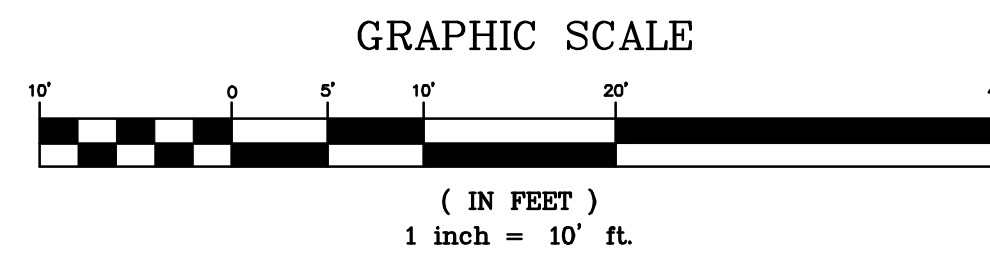
④ DUMPSTER ENCLOSURE DETAIL INSTALLED PER MANUFACTURES DETAILS
SCALE: N.T.S.



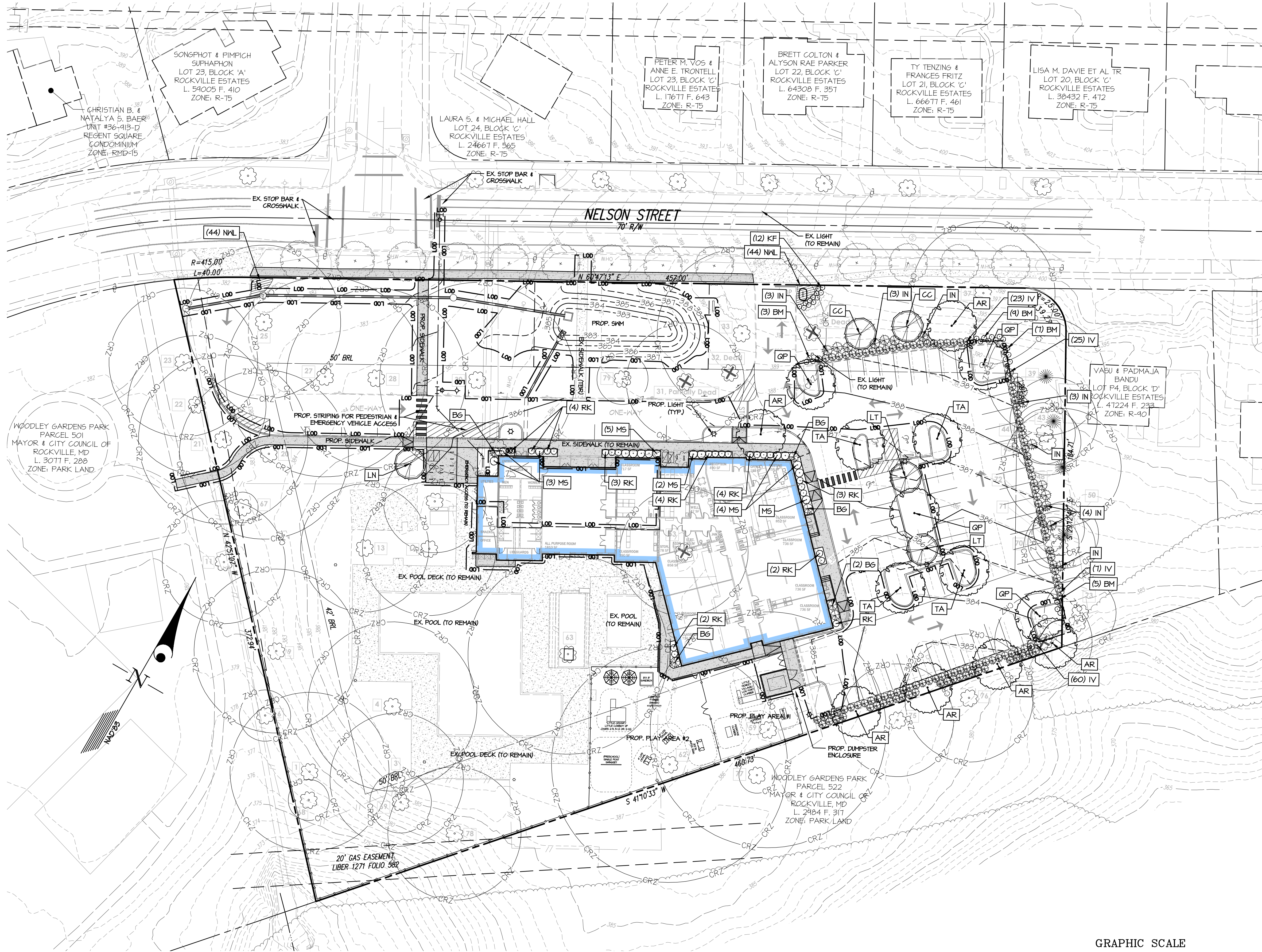
- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
 4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDDETAILS.COM/INFO AND ENTER REFERENCE NUMBER 5322-028
 6. REFERENCE NUMBER 5322-028



⑤ INSET 'A' - PLAYGROUND ENLARGEMENT
SCALE: 1"=10'



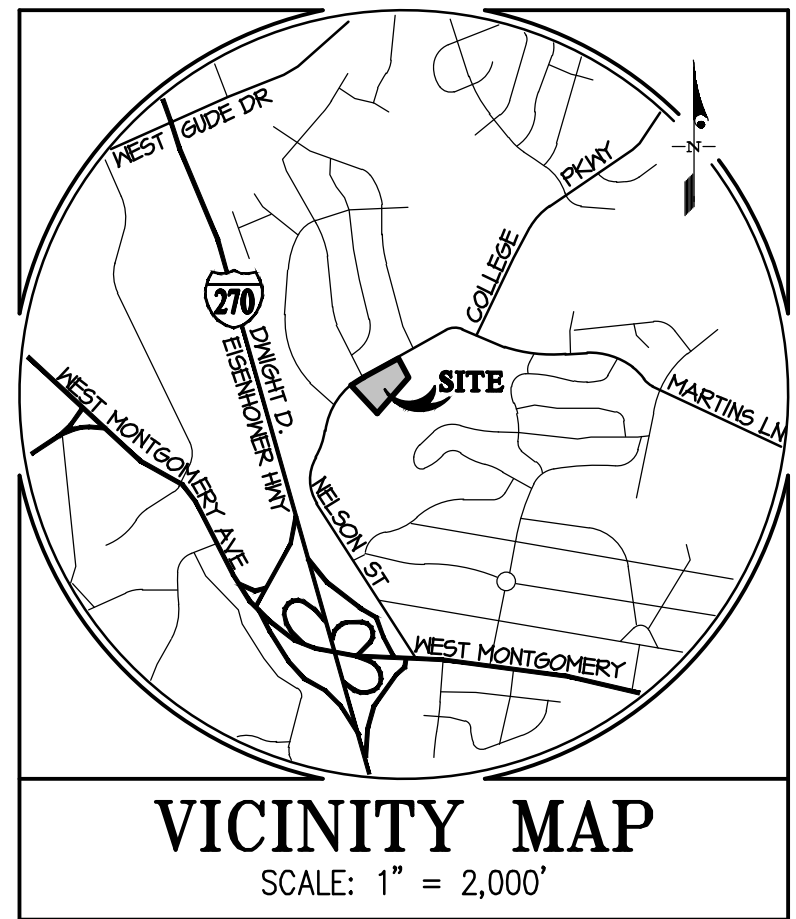
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48 Hours
Before You Dig
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"MISS UTILITY"
Service Protection Center

MEMBER
ONE CALL SYSTEMS INTERNATIONAL

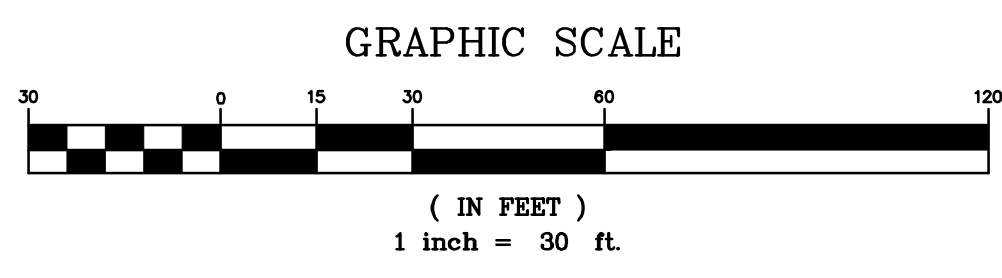
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- PROP. CONCRETE
- PROP. DECIDUOUS SHADE TREE
- PROP. ORNAMENTAL TREE
- APPROX. LOCATION OF FUTURE STREET TREES



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| PREPARED FOR: | SCALE | ZONING | LEVEL 2 SITE PLAN - LANDSCAPE PLAN | | G. L. W. FILE No. |
| WOODLEY WAVES LLC 236 ANDERSON AVENUE ROCKVILLE, MD, 20850 ATTN: PETER CROMWELL EMAIL: petercromwell@georgetownhill.com | 1" = 30' | R-90 | Georgetown Hill School at Woodley Gardens 850 Nelson Street Block "D", Lot 6, Rockville Estates | | 23100 |
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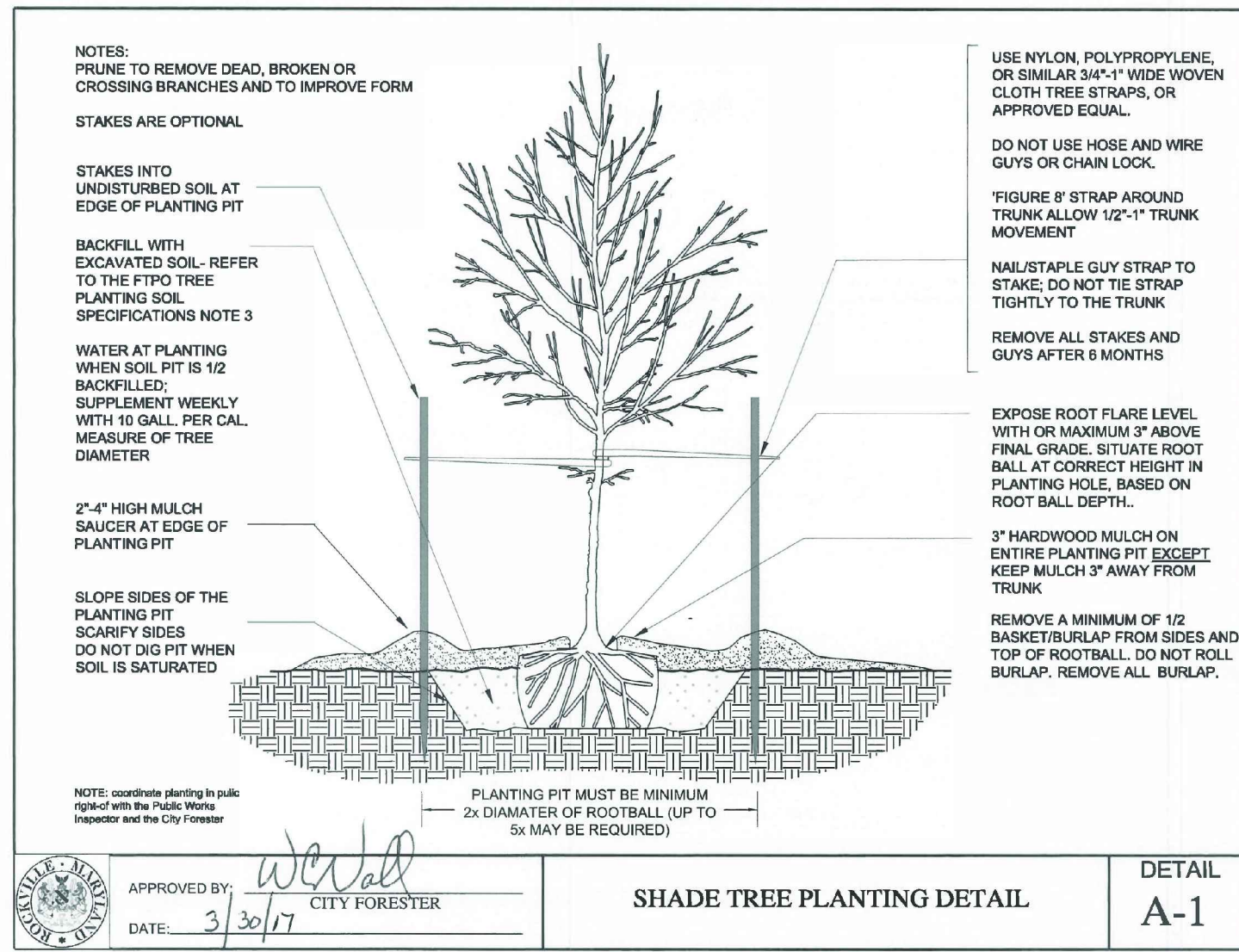
Planting Notes for Landscape Plans

NVMEB 2020

INSTALLATION OF PLANT MATERIAL

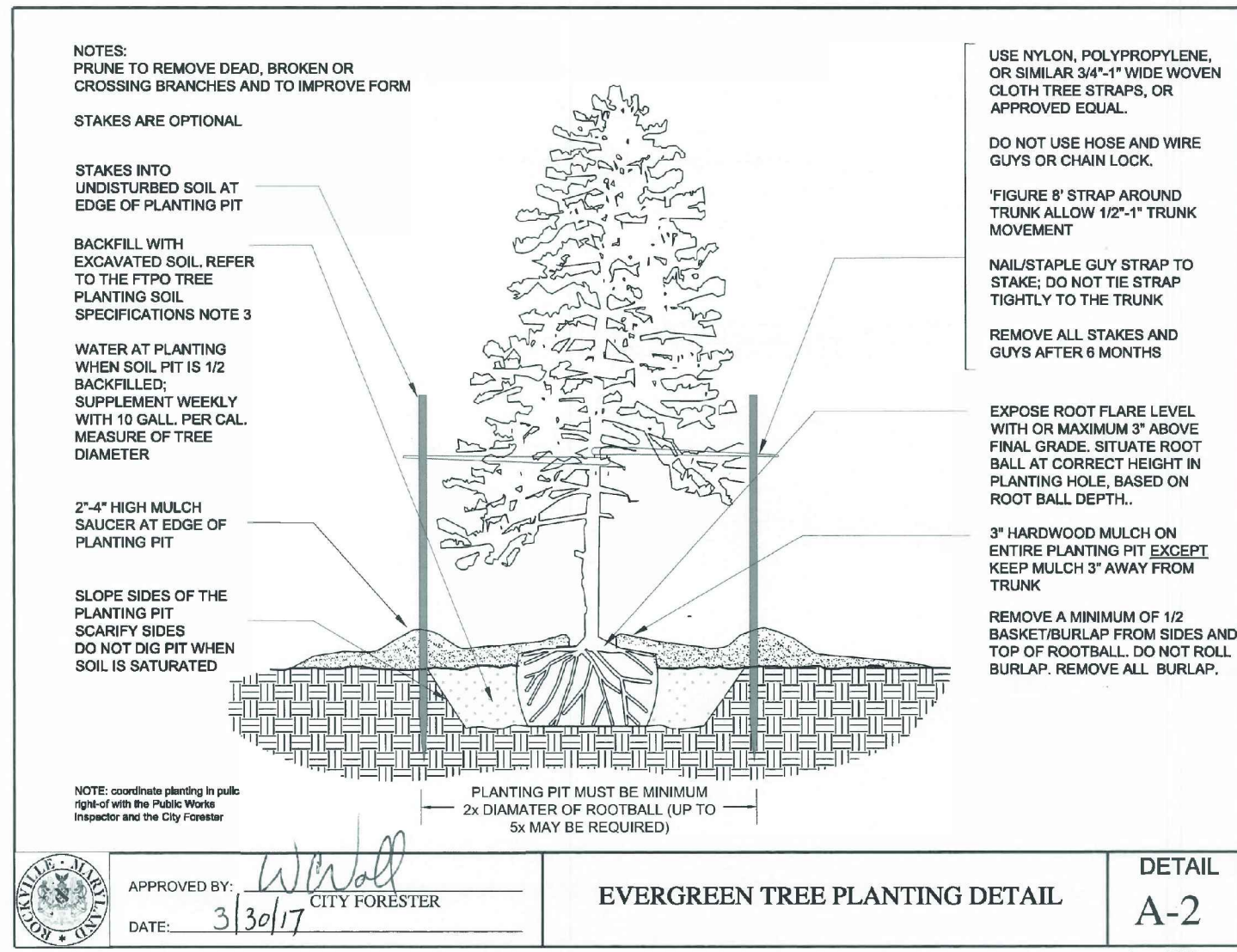
- The Permittee is responsible for obtaining the approved Forest Conservation Plan/Landscape Plan and providing a copy to the landscape Contractor. The Permittee shall ensure that the Landscape Contractor can secure the plants shown the FCV/Landscape Plan. Plant substitutions are not allowed. It is strongly recommended that plant material be secured from supplier by the project start date.
 - A pre-planting meeting is required before installation of landscaping, afforestation, or reforestation. The applicant must schedule an on-site pre-planting meeting with the City Forestry Inspector. Attendees must include the Permittee, landscape contractor, and Forestry Inspector. Trees and shrubs shall conform to the current edition of the American Standard for Nursery Stock (ANSI Z66.1).
 - Comply with appropriate City Soil Specifications:
 - Soil Specification FOR TREE PLANTING WHERE EXISTING PAVEMENT OR OTHER IMPERVIOUS SURFACES WERE PREVIOUSLY LOCATED OR WHERE EXISTING GREENSPACE HAS BEEN SEVERELY DEGRADED:
 - Site Preparation:
 - Demolish existing impervious surface and remove all existing asphalt, concrete, stone and construction materials to expose subsoil free of debris.
 - Excavate so that final planting bed will provide quality soil to a depth of forty-eight (48) inches, and to a radius of 30' minimum or to new hard edge of planting bed, whichever is less.
 - Loosen exposed subsoil below 48" by ripping 18" into the sub grade elevation.
 - Test to ensure that planting bed drains at a rate of at least 3 inches per hour.
 - Install imported soil to fill excavated planting bed. Imported soil shall have a texture of LOAM, per the USDA soil classification system and a chemical composition compatible with healthy tree growth. When installing the soil, it should be installed in lifts or layers of < 12 inches (30 cm), tamping or watering (not both) between lifts to minimize potential settling.
 - Immediately prior to installation of plant material, the soil must be tested and must have a pH range between 5.5 and 7 and a nutrient content which corresponds to an adequate rating, per current industry standards. Amend soil, if necessary, to achieve the current industry standard.
 - The Forestry Inspector may require additional soil specifications, based on site conditions.
 - Soil Specification FOR PLANTING WHERE EXISTING GREEN SPACE HAS NOT BEEN PROTECTED FROM CONSTRUCTION IMPACTS BUT IS NOT SEVERELY DEGRADED:
 - Site Preparation:
 - Remove all construction debris and top four to six inches of existing soil.
 - Test remaining existing soil to verify it has a pH range between 5.5 and 7, and has a nutrient content which corresponds to an adequate rating, per current industry standards. If soil does not meet nutrient standards, one of two options will be performed to mitigate the soil:
 - Option 1 - Till Method: Depth of tilling for planting must be at least twenty-four (24) inches:
 - Apply four (4) inches of mature compost evenly over the entire planting surface (4" = 12 cubic yards/1,000 s.f.). Provide compost supplier information and specifications to the City Forestry Inspector for approval prior to install.
 - Till the compost into the existing soil to a minimum depth of thirty-six (36) inches using the city's soil profile rebuilding specification.
 - Option 2 - Aeration and Vertical Mixing:
 - Using a 2-3" Auger, drill a series of holes in the soil to a depth of twenty-four (24) inches.
 - Begin at the edge of the hole dug for the root ball and continue drilling at one-foot intervals (maximum) in concentric rings around the tree out to ten (10) feet from the tree.
 - Each hole must be refilled with mature compost.
 - The Forestry Inspector may require additional soil specifications, based on site conditions.
 - Soil testing of the existing soil may be conducted with PRIOR approval from the City's Forestry Inspector to determine the number and location of the samples. The above requirements may be reduced if soil testing shows the following:
 - Soil pH is between 5.5 and 7
 - The top 24" of existing soil contains a minimum of 4-6% organic matter by weight
 - The soil is free of contaminants
 - The soil texture is sandy loam or loam
 - The soil has an infiltration rate not less than 1" per hour
 - The soil does not contain debris or stones greater than one inch
 - The soluble salt content is less than 3 dS/m
 - Consult the University of Maryland Extension website: <http://extension.umd.edu/> for a listing of commercial soil testing facilities.
 - Soil testing is required for street trees planted within the city's rights-of-way and private street trees, if they are part of the approved plan.
- The depths and grades shown on plan drawings are final grades after settlement and shrinkage of the organic material. The contractor shall install the soil mix at a higher level to anticipate this reduction of volume. All grades are assumed to be "as measured" to be prior to the addition of any surface compost till layer or mulch or soil.
- All details of the planting plans regarding plant quality and proper planting will be discussed including but not limited to:
 - Pericaulid
 - Proper form for species.
 - Proper ratio of caliper size/height to container size/root ball size.
 - Proper pruning cuts if applicable in accordance with current ANSI A303 pruning standards (generally there should be no recent pruning).
 - No co-dominant stems or multiple trunks (unless approved by FCV or by The Forestry Inspector).
 - Sound graft unions.
 - Free of girdling roots, or the ability to remove girdling roots without damaging the tree.
 - Trees shall be healthy, vigorous, insect/disease free, and without cankers/cracks or trunk damage.
- Proper installation:
 - Root flare no higher than 3 inches from existing grade.
 - Exposed root flare (not graft); removing more than several inches of soil to expose the root flare may result in the rejection of the plant material.
 - Wire barked/wire/burlap removed from at least the top half of root ball, or as directed by Forestry Inspector.
 - All burlap or burlap removed completely.
 - No hose and wire staking and strapping per City planting detail.
 - Planting Note a minimum of twice the width of the root ball; could be greater. Planting detail assumes soil has been prepared per the city's specifications (Planting, 83).
 - Mulched properly, per City planting detail.
 - Wildlife protection installed, if required; type approved by the Forestry Inspector.
- Trees not complying with the above requirements may be rejected at the discretion of the City Forestry Inspector.
- Tree planting will generally not be permitted between the dates of June 1 and September 1, or when the ground is frozen.
- DEFINITIONS
 - Topsoil:
 - Soil can be considered topsoil if it originates from an A horizon of a natural soil or is a mineral soil with 4-6% organic matter content, and a WCS texture class similar to pre-development conditions. A horizon soils for the site, or as specified by the City Forestry Division. The city Forestry Division will specify a LOAM texture in the absence of native conditions listed above. Blended soils shall not be used unless specified by the City Forestry Division. In addition, topsoil shall:
 - Be friable and well drained
 - Have a pH between 5.5-7
 - Have an organic matter content between 4-6%
 - Have low salinity as indicated by a soluble salt content which is less than 3 dS/m
 - Be free of debris, stone, gravel, trash, large sticks, heavy metals, and other deleterious contaminants. (If screening is used to remove debris, screen size must be 6" or larger).
 - Have a nutrient profile such that it has an adequate rating, per current industry standards.
 - Be free of noxious weed seeds
 - Compost:
 - Compost shall be composed of leaves, yard waste, or food waste. Biosolid-based composts shall not be used. A compost sample with analysis shall be submitted for approval to the City Forestry Division before application.
 - Stability refers to the rate of biological breakdown, measured by carbon dioxide release. Maturity refers to completeness of the aerobic composting process and suitability (lack of plant toxicity) as a plant growth media, often measured by ammonia release and by plant growth tests. Compost manufacturers that subscribe to the US Composting Council's testing program may document stability as compost testing 7 or below in accordance with "TMCC 05.08.5: Carbon Dioxide Evolution Rate". Maturity (suitability for plant growth) may be documented as compost testing greater than 80% in accordance with "TMCC 05.05-A: Germination and Vigor". Compost is considered mature and stable if it tests at 6.0 or higher on the Solvita Compost Maturity Index Rating, which is a combination of Carbon Dioxide and Ammonia Maturity Tests (test information and equipment available at www.solvita.com).
 - Compost shall also be:
 - Free of weed seeds.
 - Free of heavy metals or other deleterious contaminants.
 - Have a soluble salt content which is less than 3 dS/m.
 - Severely Degraded Soil:
 - Soil shall be considered severely degraded if grade was lowered or raised more than 14 inches OR soil was compacted in life regardless of the final grade OR was used as a staging area for construction materials, equipment or processes.

SEE FOREST CONSERVATION PLAN PLANTING NOTES FOR ADDITIONAL REQUIREMENTS. FOREST CONSERVATION PLANTING NOTES TAKE PRECEDENCE.



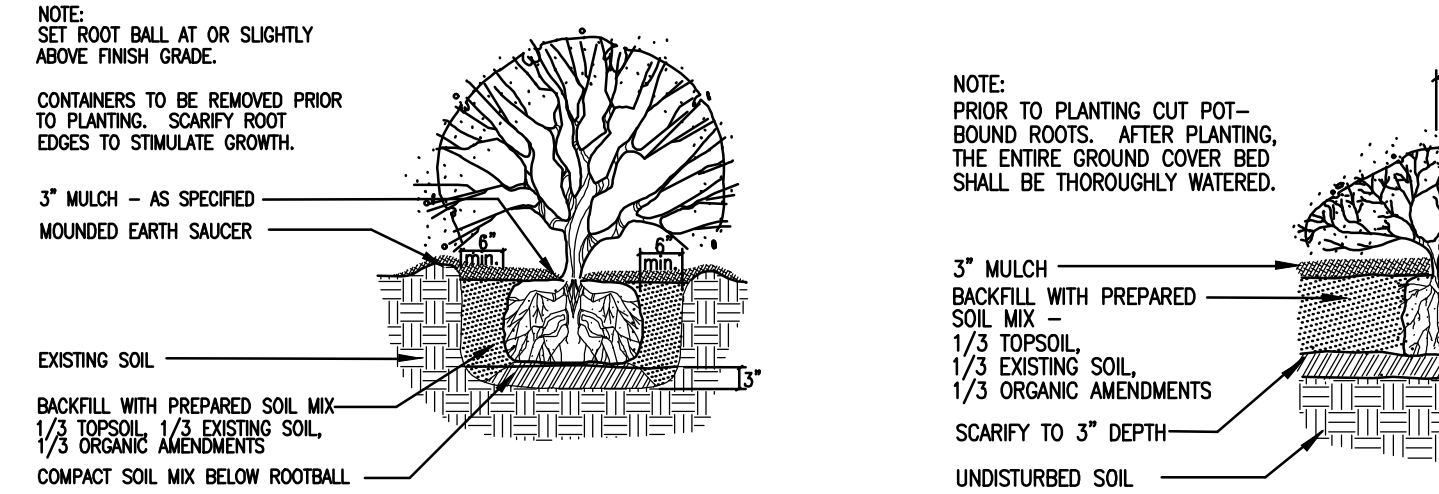
DECIDUOUS TREE PLANTING DETAIL FOR PLANTING MATERIAL UP TO 3 1/2" CALIFER

NTS



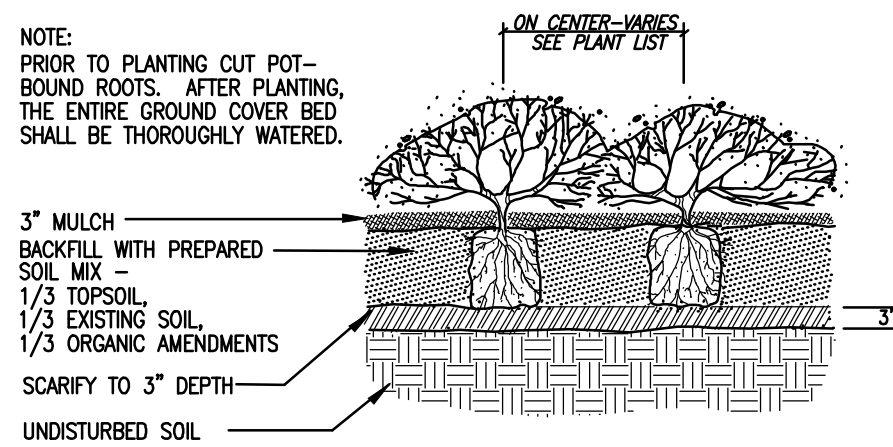
EVERGREEN TREE PLANTING DETAIL

NTS



SHRUB PLANTING DETAIL

NTS



GROUND COVER PLANTING DETAIL

NTS

PLANT SCHEDULE

| SHADE TREES (14) | | | | | |
|-----------------------|------|--------------------------------------------|---------------------------------|------------------------------|-----------|
| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE | CONTAINER |
| AR | 6 | <i>Acer rubrum</i> 'October Glory' | NATIVE: October Glory Red Maple | 2-1/2"-3" cal., 12-14' ht. | B4B |
| QP | 4 | <i>Quercus phellos</i> | NATIVE: Willow Oak | 2-1/2"-3" cal., 12-14' ht. | B4B |
| TA | 4 | <i>Ginkgo styraciflua</i> 'Rotundiloba' | NATIVE: Fruitless Sweetgum | 2-1/2"-3" cal., 12-14' ht. | B4B |
| ORNAIMENTAL TREES (5) | | | | | |
| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE | CONTAINER |
| CC | 2 | <i>Cercis canadensis</i> | NATIVE: Eastern Redbud | 1-1/2"-1-3/4" cal., 1-4' ht. | B4B |
| LN | 1 | <i>Lagerstroemia indica</i> x 'Natchez' | NATIVE: Natchez Grape Myrtle | 1-1/2"-1-3/4" cal., 1-4' ht. | B4B |
| LT | 2 | <i>Lagerstroemia indica</i> x 'Tuscarora' | NATIVE: Tuscarora Grape Myrtle | 1-1/2"-1-3/4" cal., 1-4' ht. | B4B |
| SHRUBS (144) | | | | | |
| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE | CONTAINER |
| BM | 25 | <i>Buxus microphylla</i> | Wintergreen/Korean Boxwood | 30-36" ht. | Cont. |
| BG | 5 | <i>Buxus microphylla</i> var. 'japonica | Green Beauty Boxwood | 36-48" ht. | Cont. |
| IV | 115 | <i>Itea virginica</i> 'Little Henry' | NATIVE: Virginia Sweetspire | 30-36" ht. | Cont. |
| IN | 16 | <i>Ilex</i> x 'Nellie R. Stevens' | Nellie Stevens Holly | 30-36" ht. | Cont. |
| MS | 12 | <i>Miscanthus sinensis</i> 'Morning Light' | Morning Light Miscanthus | 36-48" ht. | Cont. |
| RK | 23 | <i>Rosa</i> 'Knock Out' | Knock Out Rose | 30-36" ht. | Cont. |
| PERENNIALS | | | | | |
| KEY | QTY. | BOTANICAL NAME | COMMON NAME | SIZE | CONTAINER |
| NWL | 88 | <i>Nepeta</i> 'Walkers Low' | Walker Low Catmint | 30-36" ht. | Cont. |
| KF | 12 | <i>Calamagrostis</i> x 'cautiflora | Karl Foerster' | 30-36" ht. | Cont. |

INTERNAL LANDSCAPING OF SURFACE PARKING FACILITY - FRONT LOT

- PARKING LOT AREA: +/- 6,226 SF
- INTERIOR LANDSCAPE AREA REQUIRED: 311 SF (5%)
- INTERIOR LANDSCAPE AREA PROVIDED: +/- 299 SF (4.8%)

INTERNAL LANDSCAPING OF SURFACE PARKING FACILITY - EAST LOT

- PARKING LOT AREA: +/- 24,982 SF
- INTERIOR LANDSCAPE AREA REQUIRED: 1,249 SF (5%)
- INTERIOR LANDSCAPE AREA PROVIDED: +/- 3,310 SF (13.4%)

INTERNAL LANDSCAPING OF SURFACE PARKING FACILITY - COMBINED

- PARKING LOT AREA: +/- 31,208 SF
- INTERIOR LANDSCAPE AREA REQUIRED: 1,560 SF (5%)
- INTERIOR LANDSCAPE AREA PROVIDED: +/- 3,664 SF (11.7%)

PERIMETER LANDSCAPE AREA ADJOINING STREET RIGHT-OF-WAY

(1 SHADE TREE AND 15 SHRUBS PER 40' OF PERIMETER)

- PARKING LOT AREA (EAST LOT LINE) 110': REQUIRED: 3 SHADE TREES, 42 SHRUBS PROVIDED: 13 SHADE TREES, 42 SHRUBS
- * 1 EXISTING SHADE TREE, 2 PROP. ORNAIMENTAL TREES AND 1 PROP. SHADE TREE

PERIMETER LANDSCAPE AREA ADJOINING ADJACENT PROPERTY - EAST

(1 SHADE TREE AND 15 SHRUBS PER 40' OF PERIMETER)

- PARKING LOT AREA (EAST LOT LINE) 140': REQUIRED: 4 SHADE TREES, 53 SHRUBS PROVIDED: 15 SHADE TREES, 53 SHRUBS
- * 5 EXISTING SHADE TREES BETWEEN LOT LINE AND PARKING LOT

PERIMETER LANDSCAPE AREA ADJOINING NON-RESIDENTIAL ZONE - PARK

(1 SHADE TREE AND 15 SHRUBS PER 35' OF PERIMETER)

- PARKING LOT AREA (SOUTH LOT LINE) 140': REQUIRED: 4 SHADE TREES, 60 SHRUBS PROVIDED: 4 SHADE TREES, 60 SHRUBS

TREE LIST

| ID | COMMON NAME | SCIENTIFIC NAME | SIZE (DBH) inches | CRITICAL ROOT ZONE (CRZ) radius in feet | CONDITION/ REMARKS | CTLA Rating |
|-----|------------------|-----------------------|----------------------|-----------------------------------------|-----------------------------------------------------------------------------|-------------|
| 1* | Scarlet Oak | Quercus coccinea | 31 | 46.5 | Some cavities in trunk, significant branch shedding, no response wood | 75 |
| 3 | White Pine | Pinus strobus | 26 | 39.0 | 15% LCR, significant branch shedding | 82 |
| 4* | Silver Maple | Acer saccharium | 33 | 49.5 | Large cavity in trunk, good response wood. | 85 |
| 6 | Red Mulberry | Morus rubra | Multi-Stem 8, 10, 6 | 15.0 | Irregular form, poor structure, moderate decay | 41 |
| 9* | Northern Red Oak | Quercus rubra | 33 | 49.5 | Shallow roots, mower damage, large deadwood 4",+ previous branch failure | 85 |
| 10 | Scarlet Oak | Quercus coccinea | 25 | 37.5 | Significant decay at bole and structural roots. large deadwood 6"/ REMOVED | 57 |
| 11 | Silver Maple | Acer saccharium | MS 24, 18, 12, 10, 8 | 36.0 | Half buried root flare, heavy load on base | 82 |
| 12 | White Pine | Pinus strobus | 26 | 39.0 | Girdling root internal decay, minor deadwood/ REMOVED | 85 |
| 13 | Red Maple | Acer rubrum | 25 | 37.5 | Compacted roots, cavities poor structure, previous branch failure | 75 |
| 14 | Red Maple | Acer rubrum | 26 | 39.0 | Some poor branch connections. Small girdling roots | 88 |
| 15 | Red Maple | Acer rubrum | 20 | 30.0 | Half buried root flare some trunk cavities good response wood /TBR | 88 |
| 20* | Southern Red Oak | Quercus falcata | 33 | 49.5 | Compacted root zone | 94 |
| 21* | Southern Red Oak | Quercus falcata | 33 | 49.5 | Compacted root zone | 91 |
| 22 | Southern Red Oak | Quercus falcata | 27 | 40.5 | Irregular form | 78 |
| 23 | Southern Red Oak | Quercus falcata | 29 | 43.5 | Mower damage | 91 |
| 25* | Southern Red Oak | Quercus falcata | 30 | 45.0 | Minor deadwood | 97 |
| 27* | Southern Red Oak | Quercus falcata | 39 | 58.5 | Minor deadwood | 97 |
| 28* | Southern Red Oak | Quercus falcata | 35 | 52.5 | | 97 |
| 30* | Southern Red Oak | Quercus falcata | 38 | 57.0 | Minor deadwood | 97 |
| 31 | Southern Red Oak | Quercus falcata | 23 | 34.5 | Compacted root zone, decayed topped trunk, dead | 41 |
| 32 | Pin Oak | Quercus palustris | 19 | 28.5 | Lopped canopy, half dead | 50 |
| 33* | Scarlet Oak | Quercus coccinea | 33 | 49.5 | Minor deadwood | 88 |
| 34 | Scarlet Oak | Quercus coccinea | 24 | 36.0 | Poor root flare and growing space, half gone canopy, Dead | 44 |
| 35 | Scarlet Oak | Quercus coccinea | 28 | 42.0 | Half pruned on power line-side/ REMOVED | 88 |
| 37 | Northern Red Oak | Quercus rubra | 28 | 42.0 | Mower damage, pruning on power line side | 82 |
| 39 | White Pine | Pinus strobus | 23 | 34.5 | Root zone crowded, irregular trunk, significant deadwood | 85 |
| 43 | White Pine | Pinus strobus | 17 | 25.5 | Girdling roots, debris, significant dieback, 15% LCR | 53 |
| 44 | Black Cherry | Prunus serotina | 12 | 18.0 | Buried root flare, phototropic lean, poor scaffold branches | 56 |
| 45 | Black Cherry | Prunus serotina | 13 | 19.5 | Buried root flare, phototropic lean | 69 |
| 48 | White Pine | Pinus strobus | 23 | 34.5 | Slightly irregular form | 88 |
| 50 | White Pine | Pinus strobus | 13 | 19.5 | Girdling roots, 10% LCR | 63 |
| 52 | Southern Red Oak | Quercus falcata | 24 | 36.0 | Half gone topped, Image amount of decay/ REMOVED | 32 |
| 53 | Red Maple | Acer rubrum | 25 | 37.5 | In planter box, large cavity, irregular form, dieback/ TBR | 75 |
| 59* | Scarlet Oak | Quercus coccinea | 46 | 69.0 | Minor dead wood | 88 |
| 62* | Scarlet Oak | Quercus coccinea | 46 | 69.0 | Shallow roots large leader failure minor dead wood | 78 |
| 63* | Red Maple | Acer rubrum | 39 | 58.5 | Good rooftop, deck over root zone | 82 |
| 65 | White Pine | Pinus strobus | 28 | 42.0 | Debris over root zone, irregular form/ TBR | 88 |
| 67 | Redbud | Cercis canadensis | 5 | 7.5 | SIGNIFICANT REPLACEMENT TREE | 100 |
| 68 | Northern Red Oak | Quercus rubra | 8 | 12.0 | Half buried root zone, possible girdling root/ SIGNIFICANT TREE REPLACEMENT | 94 |
| 69 | Scarlet Oak | Quercus coccinea | 12 | 18.0 | Crowded root zone, slightly irregular form | 91 |
| 70 | Black Locust | Robinia pseudoacacia | 14 | 21.0 | Slightly buried root zone, phototropic lean, irregular form | 82 |
| 71 | Tree of Heaven | Ailanthus altissima | 10 | 15.0 | Slightly buried root zone, phototropic lean, isome deadwood | 60 |
| 72 | Black Locust | Robinia pseudoacacia | 10 | 15.0 | Slightly buried root zone, phototropic lean, irregular form | 57 |
| 73 | Tree of Heaven | Ailanthus altissima | 14 | 21.0 | Slightly buried root zone, phototropic lean | 63 |
| 74 | Tree of Heaven | Ailanthus altissima | 19 | 28.5 | Buried root zone, TBR (invasive) | 82 |
| 75 | Silver Maple | Acer saccharum | 22 | 33.0 | Buried root flare, debris, phototropic lean, vines, irregular form | 75 |
| 76 | Red Maple | Acer rubrum | 25 | 37.5 | Debris over root zone, irregular form, vines, some deadwood | 75 |
| 77 | London Planetree | Platanus x acerifolia | 7 | 10.5 | Small girdling roots | 97 |
| 78 | Scarlet Oak | Quercus coccinea | 26 | 39.0 | Covered in debris, vines, deadwood, poor branch connections | 66 |
| 79 | Pin Oak | Quercus palustris | 10 | 15.0 | Large girdling roots | 97 |

* Meets specimen criteria for DBH, >30", per MNGPPC Trees technical manual



MODEL P-TT11 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

① LOG FORT CLIMBER
SCALE: N.T.S.



MODEL gsT1820 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

② CEDAR PLAY HOUSE
SCALE: N.T.S.



MODEL gsT1820 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

③ INFANT PLAY HOUSE
SCALE: N.T.S.



MODEL p-T1436 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

④ T-POST SWING
SCALE: N.T.S.



MODEL p-T8443 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑤ SWING
SCALE: N.T.S.



MODEL p-T1514 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑥ LOG TUNNEL
SCALE: N.T.S.



MODEL P-80133 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑦ TREE STUMP SLIDE
SCALE: N.T.S.



MODEL p-T1514 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑧ SANDBOX
SCALE: N.T.S.



MODEL p-T1645 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑨ PICNIC BENCH
SCALE: N.T.S.



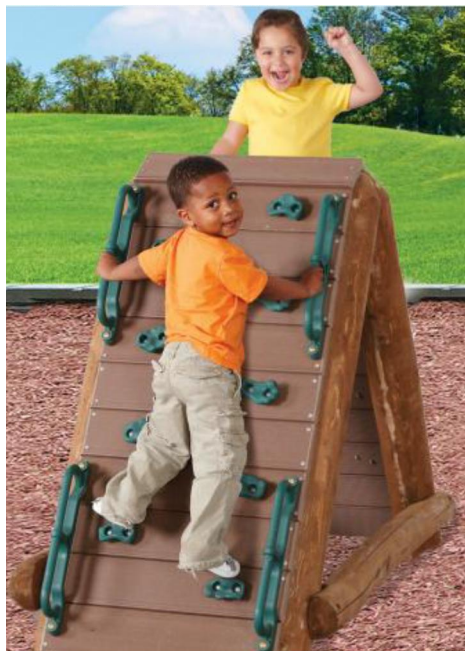
MODEL p-T1886 OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑩ PICNIC BENCH
SCALE: N.T.S.



OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑪ TREE HOPPERS
SCALE: N.T.S.



OR APPROVED EQUAL
INSTALLED PER MANUFACTURES DETAILS

⑫ CEDAR MOUNTAIN CLIMBER
SCALE: N.T.S.



3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

| | | | | | |
|--------------|--|----------|--|----|--------|
| DESIGNED BY: | | | | | |
| RLG | | | | | |
| DRAWN BY: | | | | | |
| RLG | | | | | |
| CHECKED BY: | | | | | |
| KAF | | | | | |
| DATE | | REVISION | | BY | APP'R. |

| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------|-------------------------------------------------------------------------------------------------------------|--|-----------------------------|
| PREPARED FOR: WOODLEY WAVES LLC 236 ANDERSON AVENUE ROCKVILLE, MD. 20850 ATTN: PETER CROMWELL EMAIL: petercromwell@georgetownhill.com | SCALE AS SHOWN | ZONING R-90 | LANDSCAPE DETAIL SHEET | | G. L. W. FILE No. |
| | DATE APRIL 2024 | TAX MAP - GRID GR - 13 | Georgetown Hill School at Woodley Gardens 850 Nelson Street Block "D", Lot 6, Rockville Estates | | 23100 |
| | | | ROCKVILLE ELECTION DISTRICT No. 06 | | SHEET 7 OF 9 |
| | | | | | MONTGOMERY COUNTY, MARYLAND |

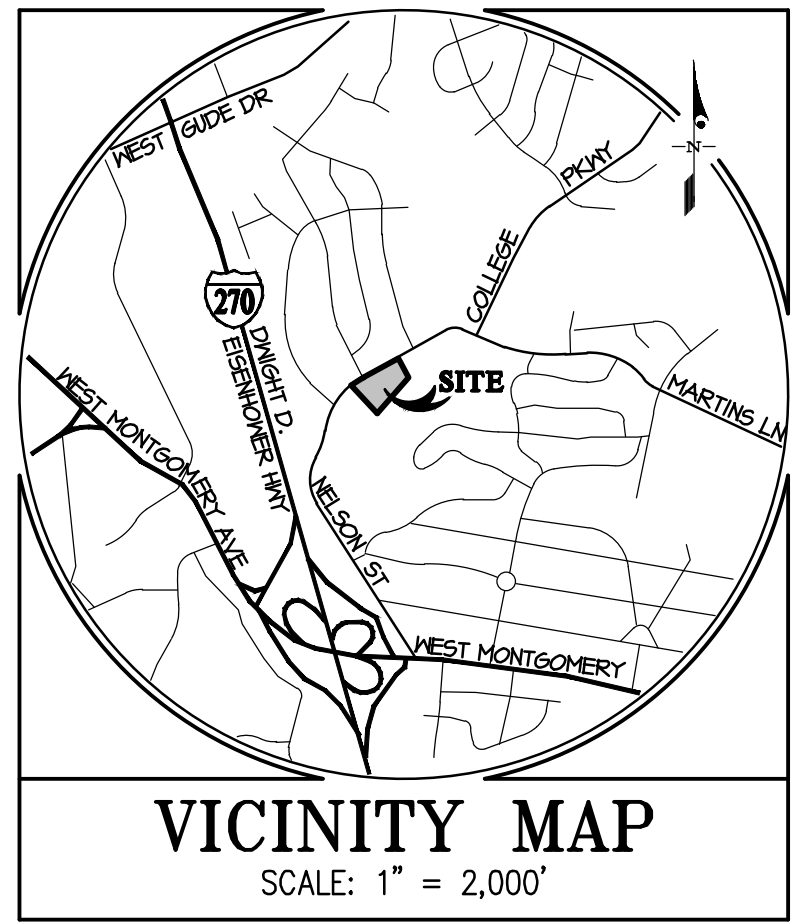
EXISTING UTILITY NOTES

- FOR MARKING LOCATIONS OF EXISTING UTILITIES, NOTIFY "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
- INFORMATION CONCERNING UNDERGROUND UTILITIES HAS BEEN OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THIS PLAN OR LESS THAN 12 INCHES WHEN NOT SPECIFIED, CONTACT THE ENGINEER AND THE OWNER OF THE OTHER INVOLVED UTILITY BEFORE PROCEEDING WITH CONSTRUCTION.
- FOR FIELD LOCATION OF GAS LINE SERVICES, NOTIFY WASHINGTON GAS LIGHT CO., 703-750-1000, 48 HOURS PRIOR TO THE START OF ANY EXCAVATION OR CONSTRUCTION.
- OMISSIONS AND/OR ADDITIONS OF UTILITIES FOUND DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF ANY CONTRACTOR ENGAGED IN EXCAVATION AT THIS SITE. GUTSCHICK, LITTLE & WEBER, P.A., SHALL BE NOTIFIED IMMEDIATELY OF ANY AND ALL UTILITY INFORMATION, OMISSIONS AND ADDITIONS FOUND BY ANY CONTRACTOR.
- DUE TO THE PROXIMITY OF LIVE UNDERGROUND AND OVERHEAD UTILITIES, WE ARE NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY SUSTAINED DURING CONSTRUCTION BY ANY PERSONS, TRUCKS, TRAILERS, OR EQUIPMENT USED ON OR ADJACENT TO THE SITE.

48 Hours
Before You Dig
Call
"MISS UTILITY"
Service Protection Center

MEMBER
ONE CALL SYSTEMS INTERNATIONAL

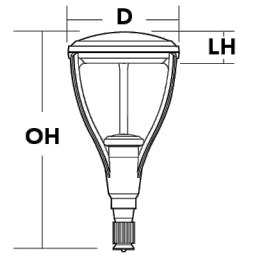
CALL TOLL FREE
1-800-257-7777



MRP LED
LED Area Luminaire

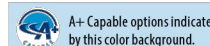


Specifications
EPA: 1.125 ft² (0.106 sq ft)
Luminaire Height: 6-3/8" (163.5 mm)
Overall Height: 32" (813 mm)
Diameter: 18" (457 mm)
Weight (max): 37.5 lbs (17 kg)



Capable Luminaire

- This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.
- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
 - This luminaire is A+ Certified when ordered with DTL* controls marked by a **blended background** DTL DLL equipped luminaires meet the A+ specification for luminaire to photocell interoperability
 - This luminaire is part of an A+ Certified solution for ROAM* control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **blended background**
- To learn more about A+, visit www.acuitybrands.com/aplus.
- See ordering tree for details.
 - A+ Certified Solutions for ROAM require the order of one ROAM mode per luminaire. Sold Separately. [Link to Roam](#); [Link to DTL DLL](#).



Ordering Information

EXAMPLE: MRP LED 42C 700 40K SRS MVOLT DDBXD

| Series | LED | Size (mm) | Size (in) | Color (nm) | Color (K) | Beam (deg) | Temp (°C) | Temp (°F) | Temp (°C) | Temp (°F) | Temp (°C) | Temp (°F) |
|---------|-----|-------------------|-----------|-------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| MRP LED | 42C | 42 LED (see spec) | 350 | 350nm | 50K | 3500K | 582 | 109° | 237° | 455° | 849° | 1538° |
| | | | 500 | 500nm | 40K | 4000K | 581 | 108° | 236° | 454° | 848° | 1537° |
| | | | 700 | 700nm | 50K | 5000K | 584 | 109° | 237° | 455° | 849° | 1538° |
| | | | 1000 | 1000nm (1A) | | | 585 | 109° | 237° | 455° | 849° | 1538° |

Control options

Shipped installed
FER: 100% rated lock incorporated only (control ordered separately)
FER: Fine wire incorporated only (control ordered separately)
FER: Series wire incorporated only (control ordered separately)

Other options

DMG: 0-10V dimming when pulled outside fixture (0-10V or with an external control, ordered separately)
SF: Single flux (120, 277, 347V)
DF: Double flux (208, 240, 480V)

Finish options

ODBD: Dark bronze
ODBD: Black
ODBD: Natural aluminum
ODBD: White
ODBD: Textured dark bronze
ODBD: Textured black
ODBD: Textured natural aluminum
ODBD: Textured white



One Lithonia Way • Covington, Georgia 30012 • Phone: 800-725-SERV (7378) • www.lithonia.com
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MRP LED
Rev. 06/20/23

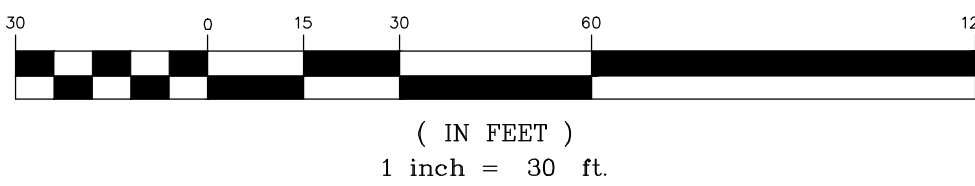
3 LIGHT FIXTURE 'A'
(OR APPROVED EQUAL)

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|------------------------|--------|--------|--------|--------|---------|---------|
| SITE CALCULATIONS | + | 0.4 fc | 3.5 fc | 0.0 fc | N/A | N/A |
| DRIVEWAY CALCULATIONS | X | 0.5 fc | 3.1 fc | 0.0 fc | N/A | N/A |
| PARKING LOT | X | 0.8 fc | 3.5 fc | 0.0 fc | N/A | N/A |
| POOL AREA CALCULATIONS | X | 0.7 fc | 3.5 fc | 0.0 fc | N/A | N/A |

Schedule

| Symbol | Label | QTY | Catalog Number | Number Lamps | Lumens per Lamp | LLF | Description | Wattage |
|--------|-------|-----|--------------------------------|--------------|-----------------|-----|-------------------------------------------------------------------------------------|---------|
| ☒ | A | 5 | MRP LED 42C 1000 35K SRS MVOLT | 1 | 8602 | 0.9 | MRP POST TOP LIGHT 42 LEDs 1000 mA DRIVE CURRENT 35K COLOR TEMP TYPE 5 DISTRIBUTION | 154 |

GRAPHIC SCALE



- Readings shown are based on a total LLF of as shown at grade. Data references the extrapolated performance projections in a 25c ambient based on 10,000 hrs of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-11).
- Please refer to the "luminaire locations" table for mounting heights.
- Product information can be obtained at www.AcuityBrands.com

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 24914
EXPIRATION DATE: JANUARY 20, 2026

LEVEL 2 SITE PLAN - LIGHTING PLAN

Georgetown Hill School

at
Woodley Gardens

850 Nelson Street

Block "D", Lot 6, Rockville Estates

ROCKVILLE ELECTION DISTRICT No. 06

MONTGOMERY COUNTY, MARYLAND

G. L. W. FILE No.

23100

SHEET

8 OF 9

DESIGNED BY: **RLG**
DRAWN BY: **RLG**
CHECKED BY: **KAF**
DATE: _____
REVISION: _____
BY: _____
APP'R: _____

GLW
PLANNING | ENGINEERING | SURVEYING
3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20886 | GLWPA.COM
PHONE: 301-421-4024 | BAL: 410-880-1820 | DC&VA: 301-959-2524 | FAX: 301-421-4166

PREPARED FOR:
WOODLEY WAVES LLC
236 ANDERSON AVENUE
ROCKVILLE, MD, 20850
ATTN: PETER CROWELL
EMAIL: petercrowell@georgetownhill.com

SCALE
1" = 30'
DATE
APRIL 2024

ZONING
R-90
TAX MAP - GRID
GR - 13