GENERAL DEVELOPMENT PLAN PHASE I: N29 APARTMENTS

CITY OF FAIRFAX, VIRGINIA

SHEET INDEX

PI_910

LANDSCAPE PLAN

BMP CALCULATIONS SANITARY SEWER ANALYSIS PI_800 FIRE SERVICE PLAN PI_900 OPEN SPACE PLAN

-PHASE I PHASE II Eaton PI VICINITY MAP

SCALE: 1" = 1,000'

PROJECT TEAM:

CONTRACT PURCHASER/ APPLICANT CAPITAL CITY REAL ESTATE 3000 K STREET, NW SUITE 270 WASHINGTON, DC, 20007

OWNER

WILLOWWOOD OFFICE OWNER LLC 10300 EATON PLACE FAIRFAX, VA 22030

ATTORNEY

COZEN O'CONNOR 1200 19TH STREET NW, 3RD FLOOR WASHINGTON, DC 20036

ARCHITECT

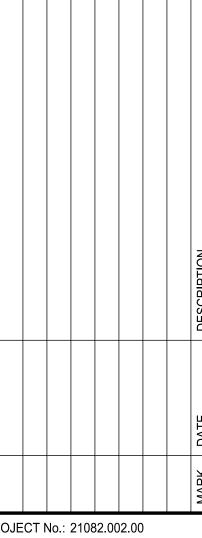
hickok cole 301 N STREET NW WASHINGTON, DC 20002

ENGINEER & LANDSCAPE ARCHITECT christopher consultants 4035 RIDGE TOP ROAD, SUITE 601 FAIRFAX, VA 22030

TRAFFIC ENGINEER WELLS + ASSOCIATES 1420 SPRING HILL ROAD, SUITE 610 TYSONS, VA 22102

SUBMISSIONS

SUBMISSION 1: JULY 15, 2022

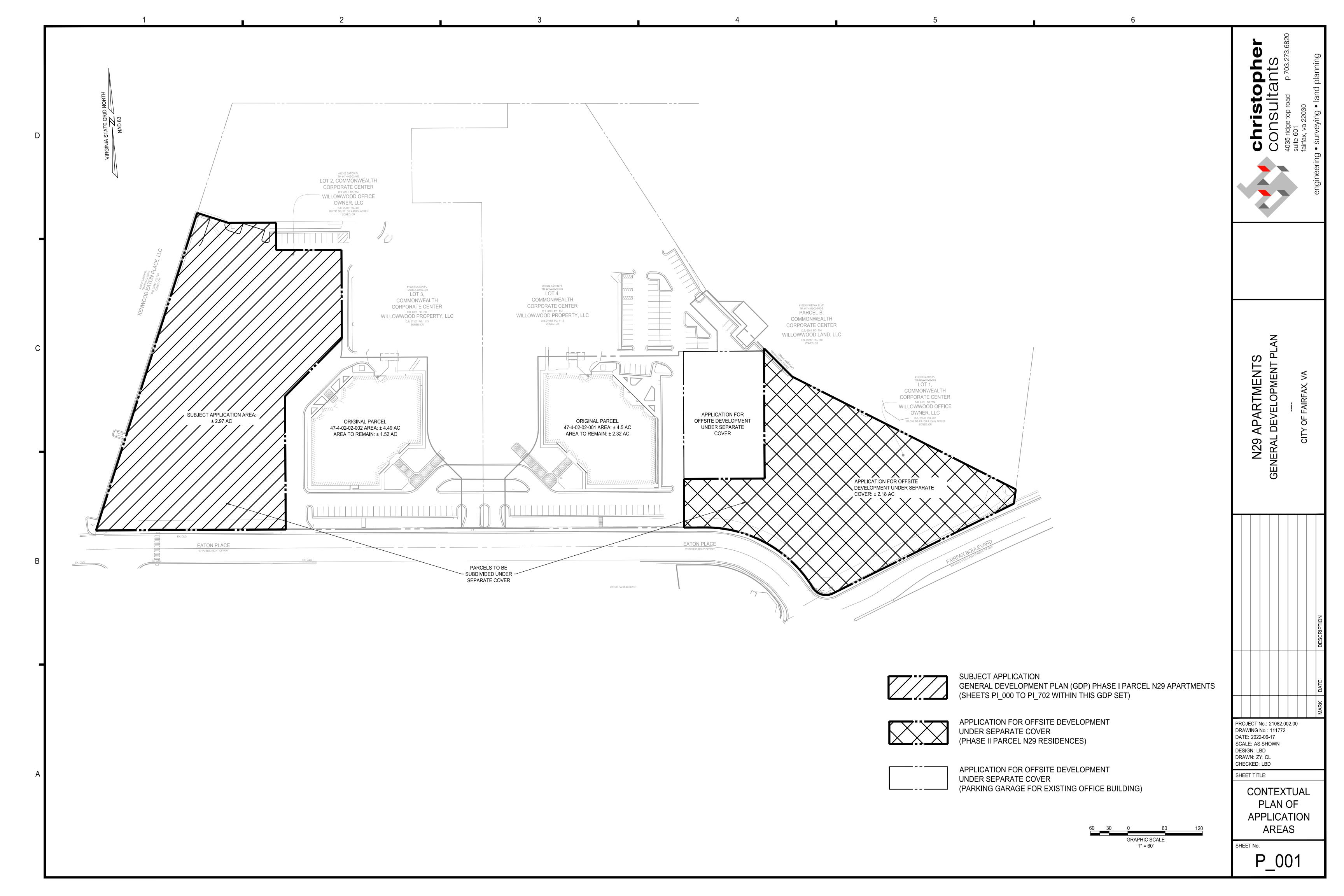


PROJECT No.: 21082.002.00 DRAWING No.: 111772 DATE: 2022-06-17 SCALE: N/A DESIGN: LBD DRAWN: ZY CHECKED: LBD

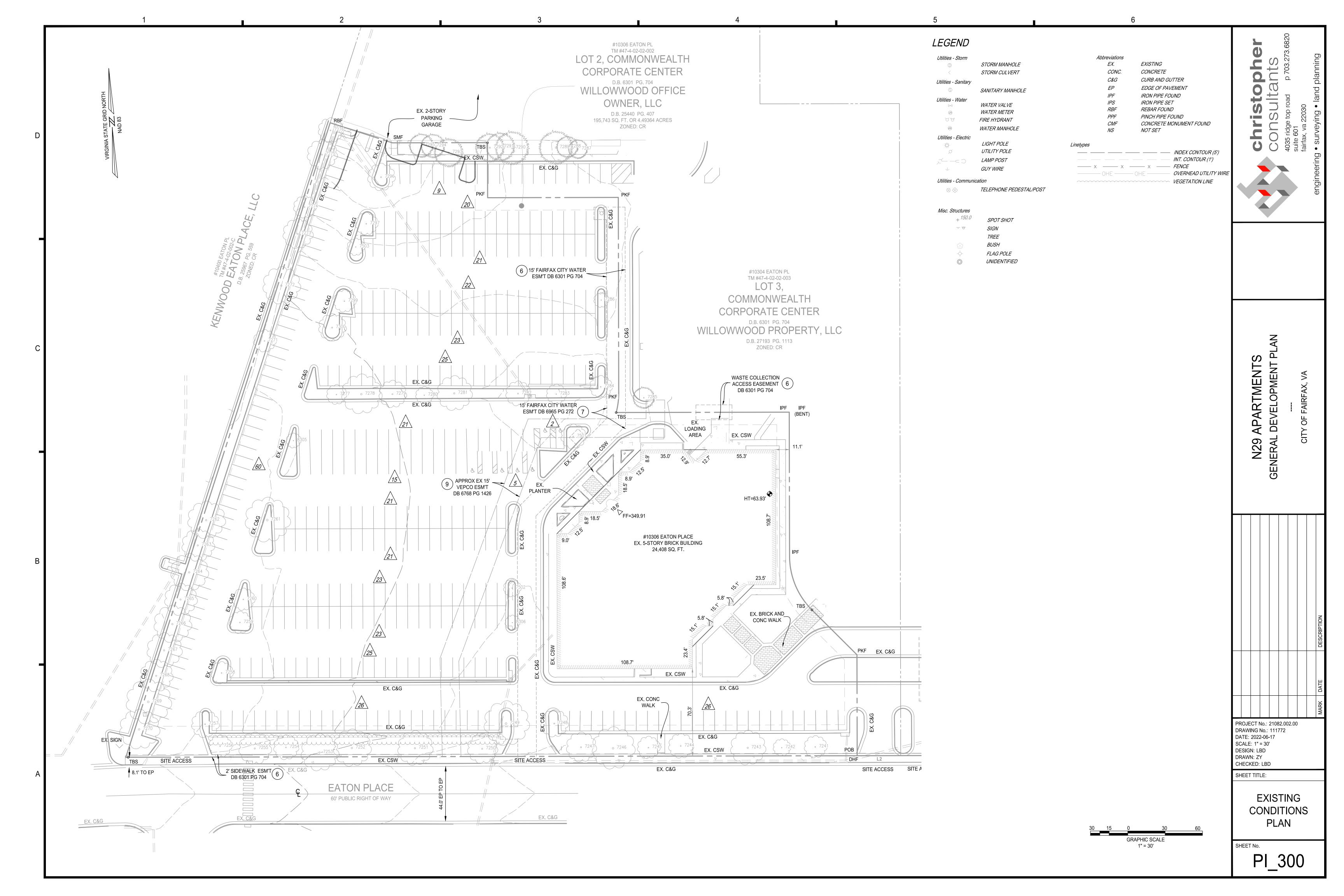
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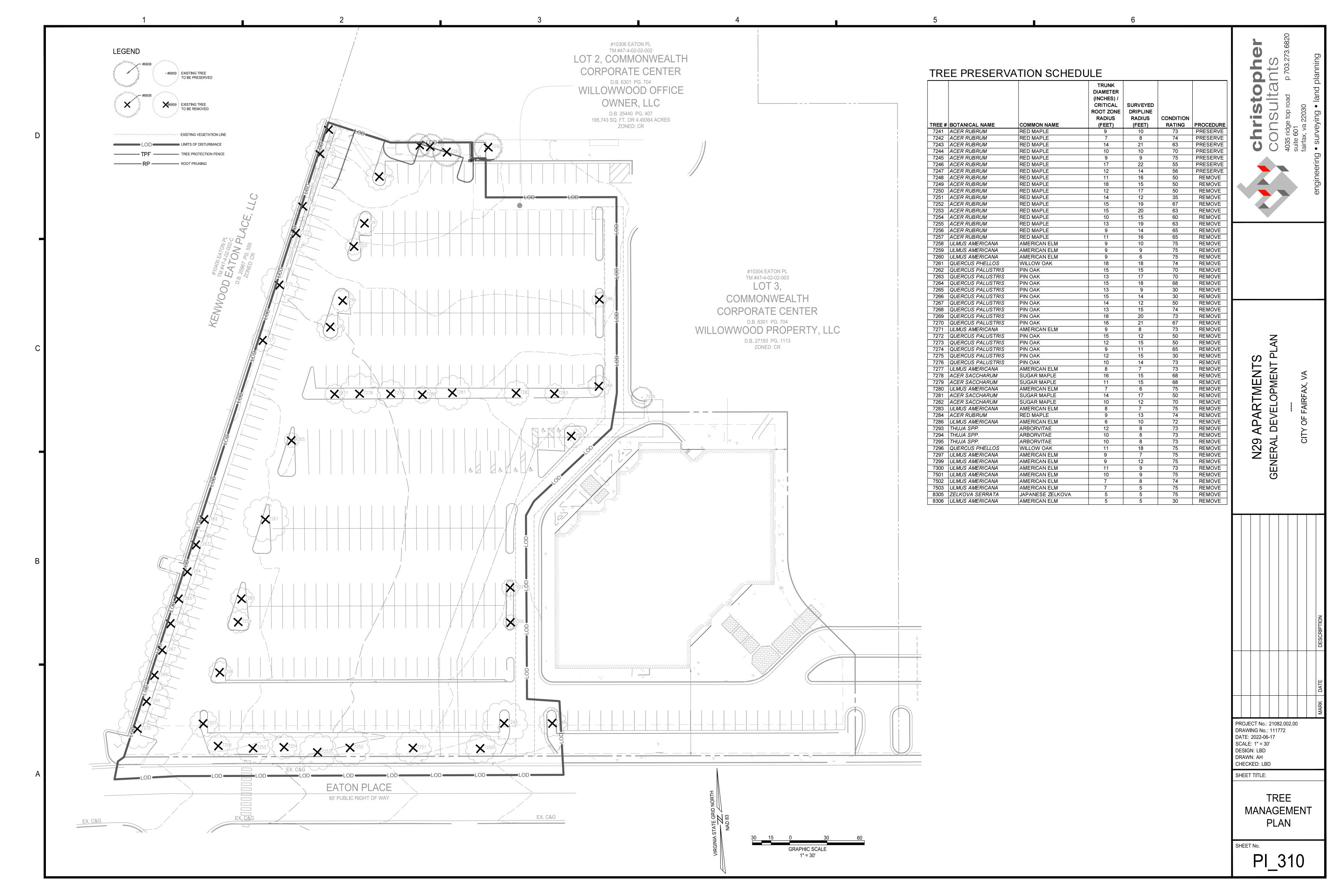
COVER SHEET

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1. PROJECT NOTES

- 1.1. THE REQUIREMENTS OF THE CITY OF FAIRFAX ZONING ORDINANCE AND PUBLIC FACILITIES MANUAL SHALL BE FOLLOWED. 1.2. ALL TREE PRESERVATION ACTIVITIES SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF AN ISA CERTIFIED
- 1.3. ALL TREE WORK PERFORMED SHALL MEET OR EXCEED THE MOST RECENT INDUSTRY STANDARDS, AS PUBLISHED BY THE
- INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA).

2. PRE-CONSTRUCTION

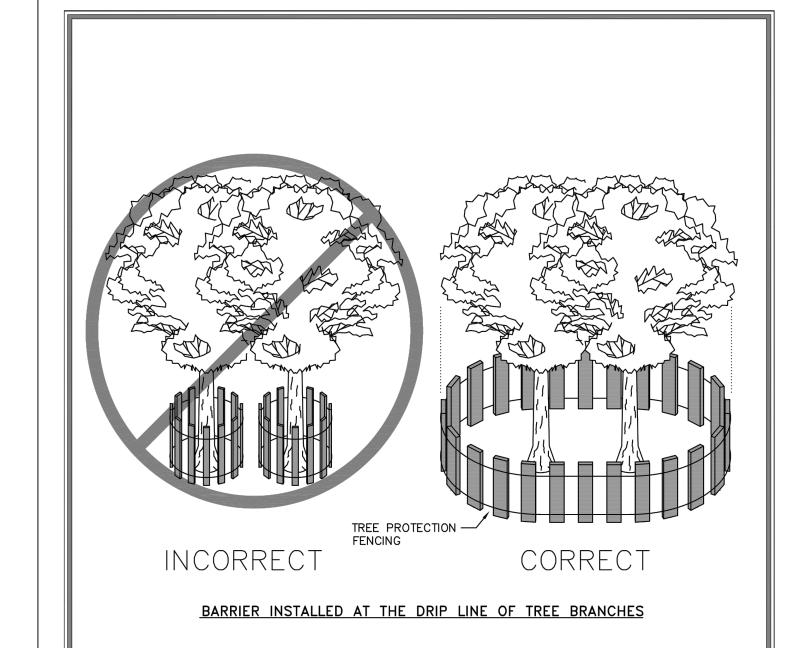
- 2.1. PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL HAVE THE LIMITS OF CLEARING AND GRADING CLEARLY MARKED IN THE FIELD WITH FLAGGING. THESE LIMITS SHALL NOT EXCEED THOSE SHOWN ON THE APPROVED PLANS.
- 2.2. AFTER LIMITS HAVE BEEN STAKED, THE CONTRACTOR SHALL REQUEST A PRE-CONSTRUCTION MEETING WITH CITY OF FAIRFAX
- 2.3. DURING THE PRE-CONSTRUCTION MEETING, THE LIMITS MAY BE ADJUSTED TO BETTER PRESERVE OR REMOVE TREES IMPACTED BY CONSTRUCTION ACTIVITIES.

3. INSTALLATION OF TREE PROTECTION MEASURES

- 3.1. ROOT PRUNING: PRIOR TO CONSTRUCTION, ROOT PRUNING SHALL BE COMPLETED AT THE LIMITS. ROOT PRUNING SHALL BE TO THE DEPTH OF EIGHTEEN (18) TO TWENTY-FOUR (24) INCHES AND SHALL BE ACCOMPLISHED BY USING A TRENCHER, VIBRATING PLOW OR BY HAND. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH REMOVED SOIL. WHEN EXCAVATING ALL TREE ROOTS GREATER THAN 1 INCH IN DIAMETER THAT ARE EXPOSED AND/OR DAMAGED SHALL BE TRIMMED CLEANLY, AND COVERED WITH ORGANIC MULCH, TOPSOIL, OR OTHER SUITABLE MATERIAL TO PREVENT THE EXPOSED ROOTS FROM DRYING
- 3.2. TREE PROTECTION FENCING: IMMEDIATELY FOLLOWING ROOT PRUNING, TREE PROTECTION FENCING SHALL BE COMPLETED AT THE LIMITS. TREE PROTECTION FENCING SHALL BE INSTALLED PER TREE PRESERVATION PLAN AND SHALL CONSIST OF EITHER OF THE FOLLOWING MATERIALS:
- 3.2.1. FOURTEEN (14) GAUGE WELDED WIRE MESH THAT IS A MINIMUM OF FOUR (4) FOOT TALL. THE MESH SHALL BE ATTACHED TO SIX (6) FOOT TALL, TWO-INCH (2") STEEL U-CHANNEL ANCHOR POSTS DRIVEN EIGHTEEN (18) INCHES INTO THE GROUND. THE POSTS SHALL BE PLACED NO FURTHER THAN TEN (10) FEET APART.
- 3.2.2. SUPER SILT FENCE
- 3.3. TREE PROTECTION SIGNAGE: BILINGUAL SIGNS STATING "TREE PRESERVATION AREA KEEP OUT" SHALL BE AFFIXED TO THE TREE PRESERVATION FENCE AT LEAST EVERY 50 FEET IMMEDIATELY FOLLOWING TREE PROTECTION FENCING INSTALLATION.
- 3.4. CITY OF FAIRFAX SHALL BE NOTIFIED AND GIVEN THE OPPORTUNITY TO INSPECT THE SITE TO ASSURE THAT ALL TREE PROTECTION DEVICES HAVE BEEN CORRECTLY INSTALLED. IF IT IS DETERMINED THAT THE FENCING HAS NOT BEEN INSTALLED CORRECTLY, NO CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE FENCING IS INSTALLED CORRECTLY, AS DETERMINED BY CITY OF FAIRFAX.
- 3.5. TREES BEING REMOVED SHALL NOT BE FELLED, PUSHED OR PULLED INTO TREE PRESERVATION AREAS. EQUIPMENT OPERATORS SHALL NOT CLEAN ANY PART OF THEIR EQUIPMENT BY SLAMMING AGAINST THE TRUNKS OF TREES TO BE
- 3.6. TREES ON THE EDGE OF THE LIMITS OF CLEARING AND GRADING SHALL BE CUT DOWN BY HAND WITH A CHAIN SAW.
- REMAINING STUMPS SHALL EITHER BE LEFT IN PLACE OR GROUND DOWN WITH A STUMP GRINDER. 3.7. TREES INDICATED WILL BE MULCHED WITH WOOD CHIPS GENERATED FROM ON SITE CLEARING OR TREE REMOVAL AND PRUNING OPERATIONS WHEN POSSIBLE. SHREDDED HARDWOOD MULCH FROM OFFSITE MAY BE UTILIZED IF APPROVED BY PROJECT ARBORIST. MULCH SHALL BE SPREAD IN A UNIFORM DEPTH OF THREE (3") INCHES BY HAND. MULCH SHALL BE PLACED IN AREAS AS INDICATED ON APPROVED PLANS.

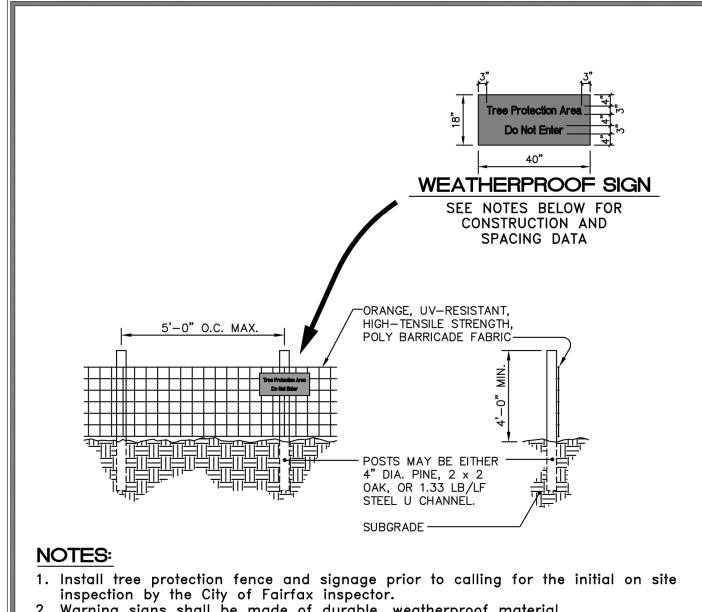
4. CONSTRUCTION

- 4.1. DURING CLEARING AND GRADING OPERATIONS AND THROUGHOUT CONSTRUCTION, NO ACTIVITY SHALL BE PERMITTED IN TREE SAVE AREAS WITHOUT AUTHORIZATION FROM OWNER, ARBORIST, OR CITY OF FAIRFAX . PRECLUDED ACTIVITIES INCLUDE:
- 4.1.1. FELLING OF TREES INTO PRESERVATION AREAS OR OPERATION OF HEAVY MACHINERY IN SAVE AREAS TO FELL TREES ON THE PERIMETER OF PRESERVATION AREAS.
- 4.1.2. OPERATION OF HEAVY EQUIPMENT OR MACHINERY OF ANY KIND IN PRESERVATION AREAS FOR ANY PURPOSE.
- PLACEMENT OF EXCESS SOIL, FILL, OR MATERIALS OF ANY KIND IN PRESERVATION AREAS.
- PLACEMENT OF ANY CONSTRUCTION MATERIALS OF ANY KIND IN PRESERVATION AREAS.
- PARKING OR STORING EQUIPMENT OR VEHICLES IN PRESERVATION AREAS.
- DUMPING CHEMICALS OR CONCRETE WASHOUT IN PRESERVATION AREAS. BURNING OF ANY MATERIAL OR DEBRIS IN PRESERVATION AREAS OR WITHIN 200 FEET OF PRESERVATION AREAS.
- 4.1.8. TRENCHING, GRADING, EXCAVATING FOR ANY PURPOSE IN PRESERVATION AREAS.
- 4.2 ALL EXISTING TRASH AND/OR DEBRIS ON SITE SHALL BE REMOVED AT THE TIME OF DISTURBANCE INDIVIDUAL TREES AND FORESTED AREAS DESIGNATED TO BE PRESERVED SHALL BE PROTECTED AND MANAGED TO ENSURE TREE SURVIVAL DURING ALL PHASES OF DEMOLITION, CLEARING AND GRADING, AND CONSTRUCTION, IN ADDITION TO PROTECTING TREES, ALL UNDERSTORY PLANTS, LEAF LITTER AND SOIL CONDITIONS FOUND IN FORESTED AREAS DESIGNATED TO BE LEFT PRESERVED SHALL BE PROTECTED.
- 4.3. TREES TO REMAIN LOCATED ALONG THE LIMITS OF CLEARING AND GRADING SHALL BE PRUNED DURING CLEARING OPERATIONS TO AVOID MECHANICAL DAMAGE. THIS SHALL BE ADMINISTRATED UNDER THE SUPERVISION OF AN ISA CERTIFIED
- 4.4. ANY DAMAGE INFLICTED TO THE ABOVE OR BELOW-GROUND PORTIONS OF THE TREES SHOWED TO BE PRESERVED SHALL BE REPAIRED IMMEDIATELY PER ISA STANDARDS.
- 4.5. ALL PRUNING SHALL CONFORM TO THE LATEST EDITION OF ANSI A300 (PART 1) PRUNING STANDARDS. DISEASED LIMBS SHALL BE REMOVED OR TREATED AT THE DISCRETION OF THE ARBORIST. WHILE PRUNING, THE ARBORIST SHALL MAKE NOTE OF ANY CONDITIONS WHICH AFFECT THE HEALTH OR CONDITION OF THE TREE AND RECOMMEND CORRECTIVE TREATMENT FOR THESE CONDITIONS. VINE REMOVAL SHALL BE INCLUDED IN ALL PRUNING ACTIVITIES. UNDER NO CIRCUMSTANCES SHALL THE INTERIOR OF TREES BE STRIPPED OF FOLIAGE, SUCKERS, EPICORMIC BRANCHING, OR OTHER LIVE GROWTH. INTERIOR GROWTH MAY BE THINNED AS NECESSARY TO REMOVE BRANCHES DAMAGED DURING OPERATIONS. DEBRIS FROM PRUNING SHALL BE CHIPPED AND DEPOSITED INTO THE TREE SAVE AREA AND SPREAD BY HAND TO A UNIFORM THICKNESS OR BE REMOVED FROM SITE.



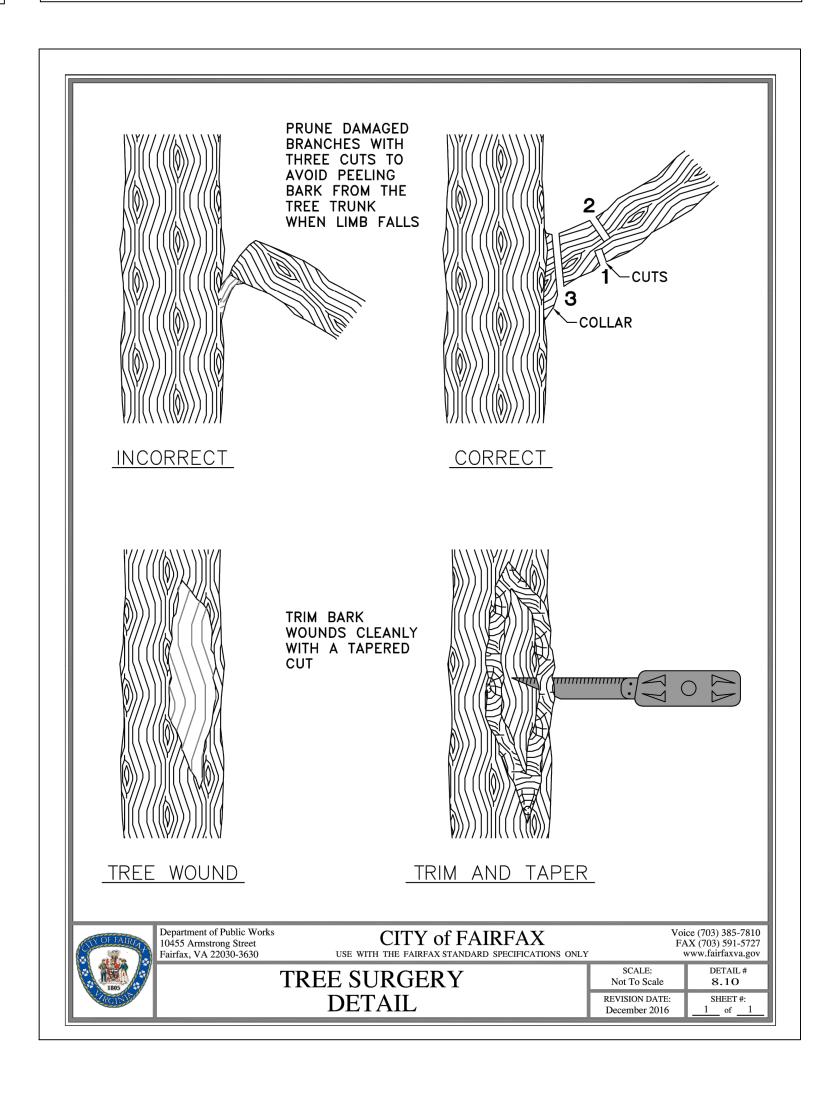
- 1. Precautions shall be taken to prevent and minimize damage to trees. In such cases repair any damage to crown, trunk or root system
- immediately. A. Repair roots by cleanly cutting off the damaged areas. Spread peat a
- or moist topsoil over exposed roots. B. Repair damage to bark by trimming around the damaged area as shown in
- Detail 8.10. Taper the cut to provide drainage. C. Cut off damaged tree limbs above the tree collar at the trunk or main branch. Use three separate cuts as shown in Detail 8.10 to avoid peeling bark from healthy areas of tree.

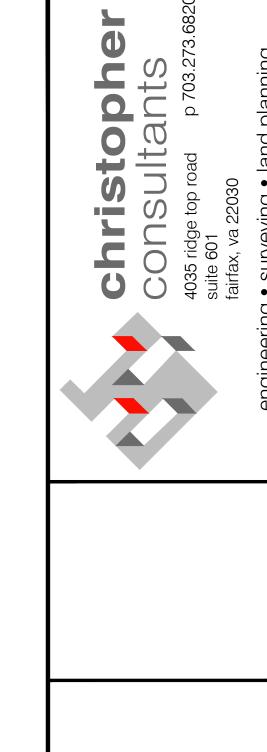
OI JARIA 1805 C	Department of Public Works 10455 Armstrong Street Fairfax, VA 22030-3630	CITY of FAIRFAX USE WITH THE FAIRFAX STANDARD SPECIFICATIONS ONLY	Voice (703) 385-7810 FAX (703) 591-5727 www.fairfaxva.gov	
	STANDARD TREE		SCALE: Not To Scale	DETAIL# 8.09
	PRO	ΓECTION DETAIL	REVISION DATE: December 2016	SHEET #: of



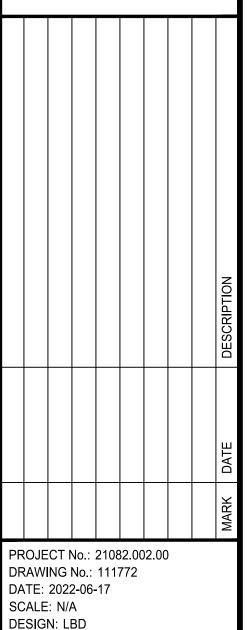
- 2. Warning signs shall be made of durable, weatherproof material.
- 3. Letters shall be 3" high minimum, clearly legible and spaced as detailed. 4. Signs shall be placed no greater than 75' on center or as approved.
- 5. For tree protection areas less than 200' in perimeter, provide no less than three signs per protected area.
- 6. Attach signs securely to fence posts and fabric.
- 7. Maintain tree protection fence throughout duration of project.
- 8. Additional signs may be required by City of Fairfax inspections based on actual field conditions.
- 9. No activity shall occur within the protected area including material storage, stockpiling, parking or any activity that may compact the ground or damage the
- 10. The City reserves the right to require a 4' to 6' height chain link fencing for identified trees, such as specimen or champion trees, to maximize the protection of the tree and its critical root zone.

O IAIRIA	Department of Public Works 10455 Armstrong Street Fairfax, VA 22030-3630	CITY of FAIRFAX USE WITH THE FAIRFAX STANDARD SPECIFICATIONS ONLY	Voice (703) 385-7810 FAX (703) 591-5727 www.fairfaxva.gov	
	ST	ANDARD TREE	SCALE: Not To Scale	DETAIL# 8.09
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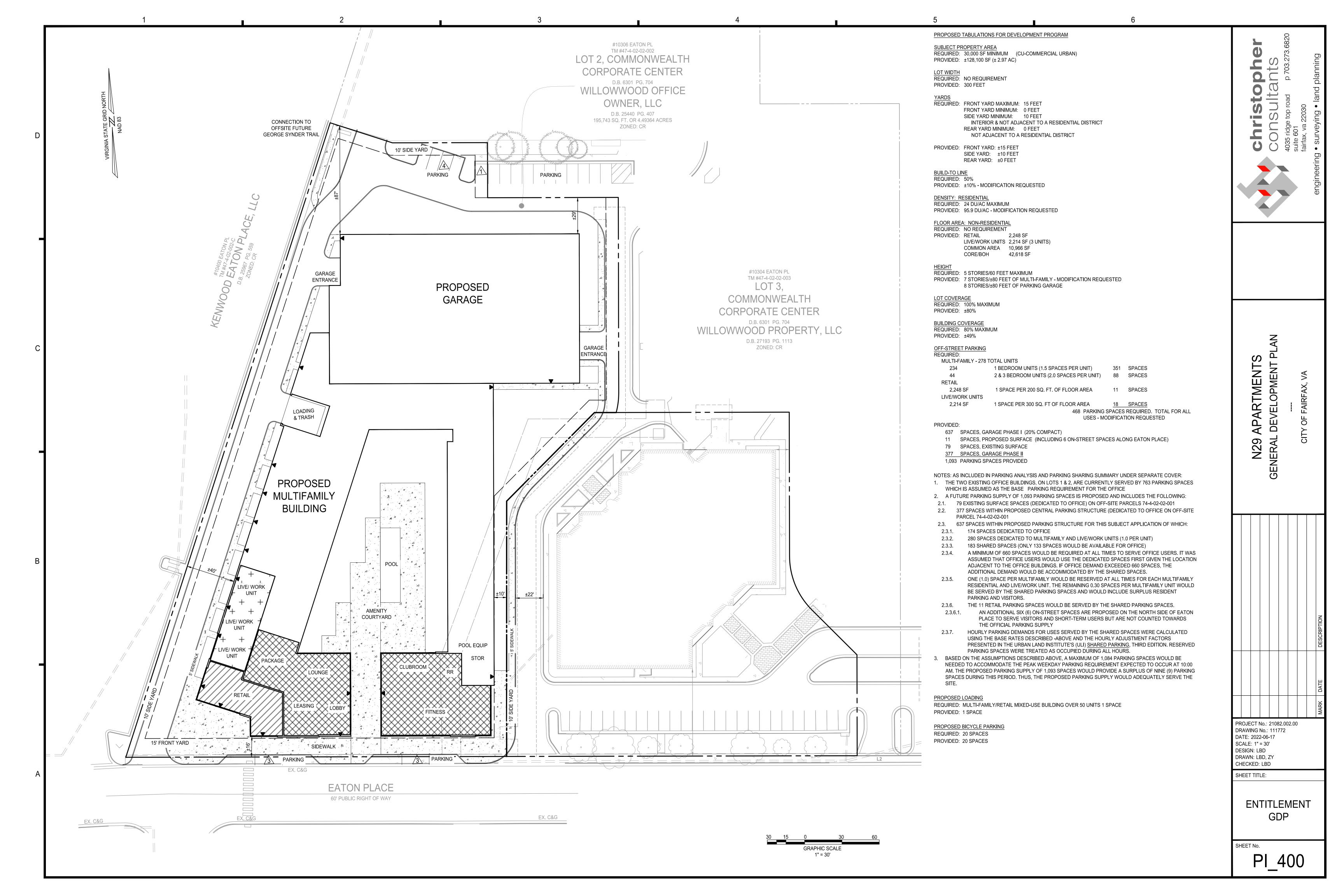


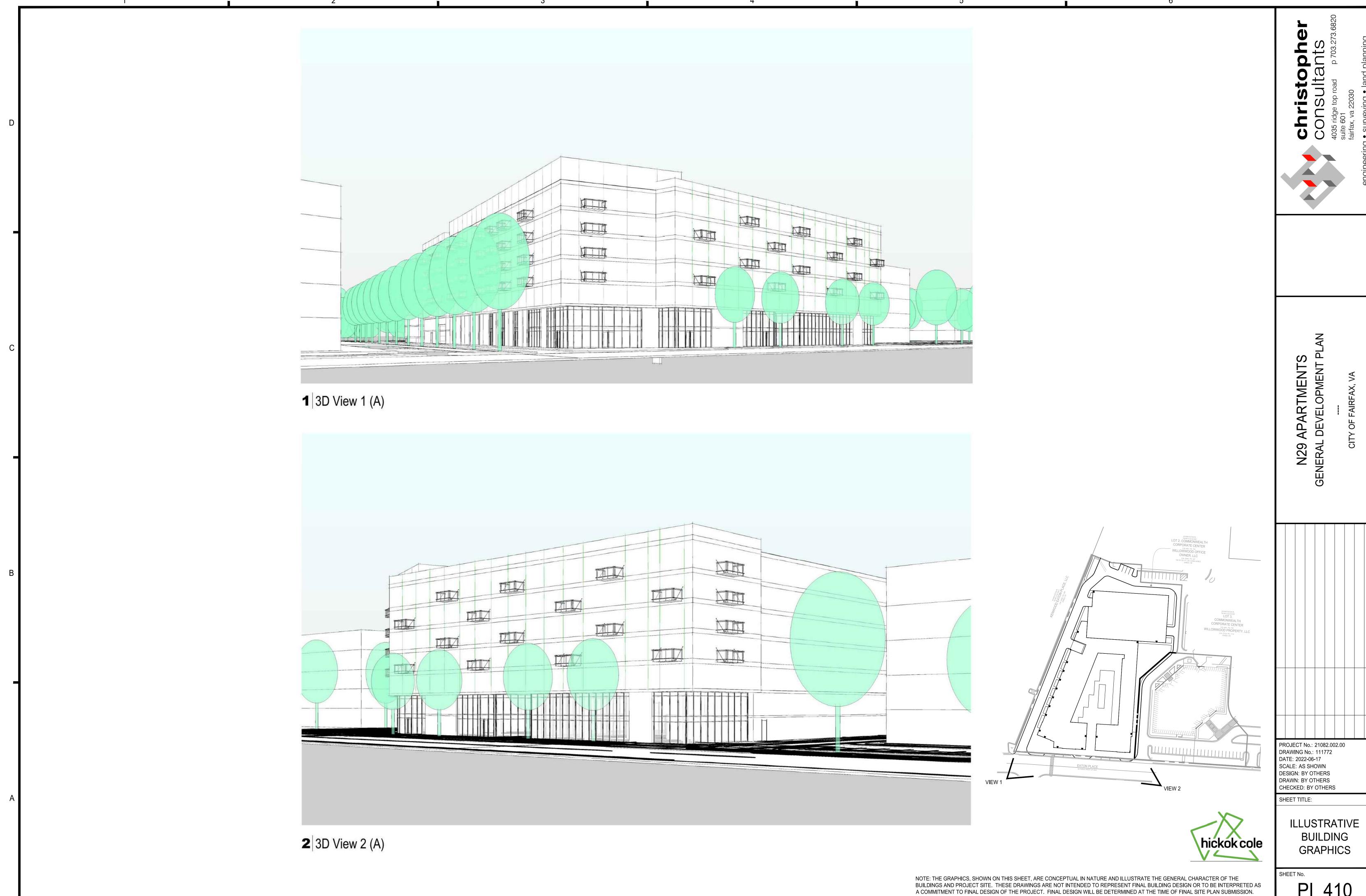
TREE **MANAGEMENT NOTES & DETAILS**

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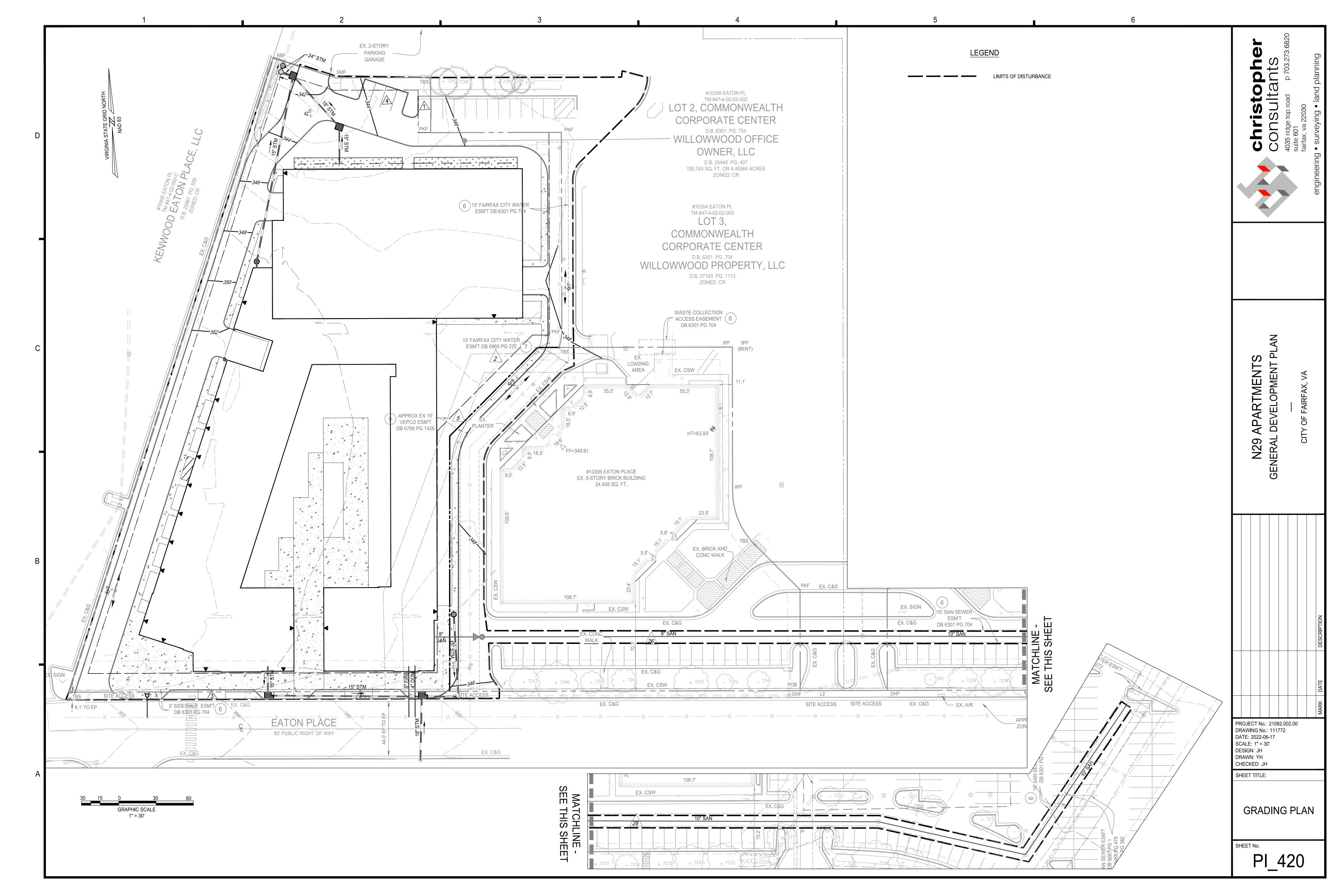
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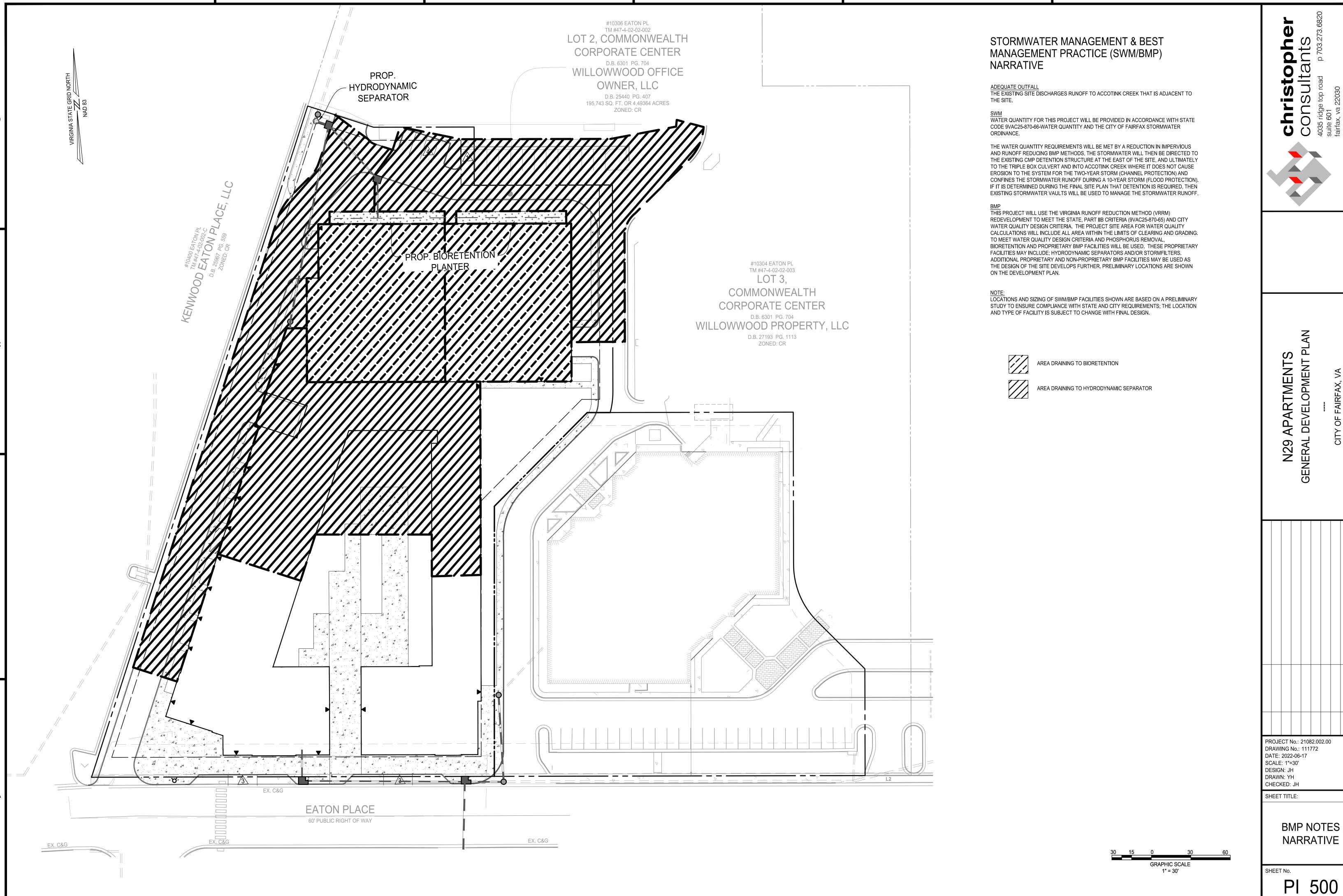
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