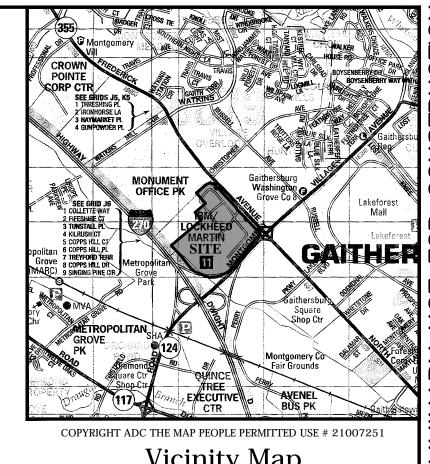
# Site Plan Amendment EX. BULDING 182 PARCEL "C" EX. BULDING 181 PKG **GRAPHIC SCALE** FOR LOCATION OF UTILITIES CALL "MISS UTILITY" AT 1-800-257-7777 OR LOG ON TO http://www.missutility.net/itics/ 48 Hours in Advance of Any Work in This Vicinity Owner/Developer:



Vicinity Map
SCALE: 1"= 2000'

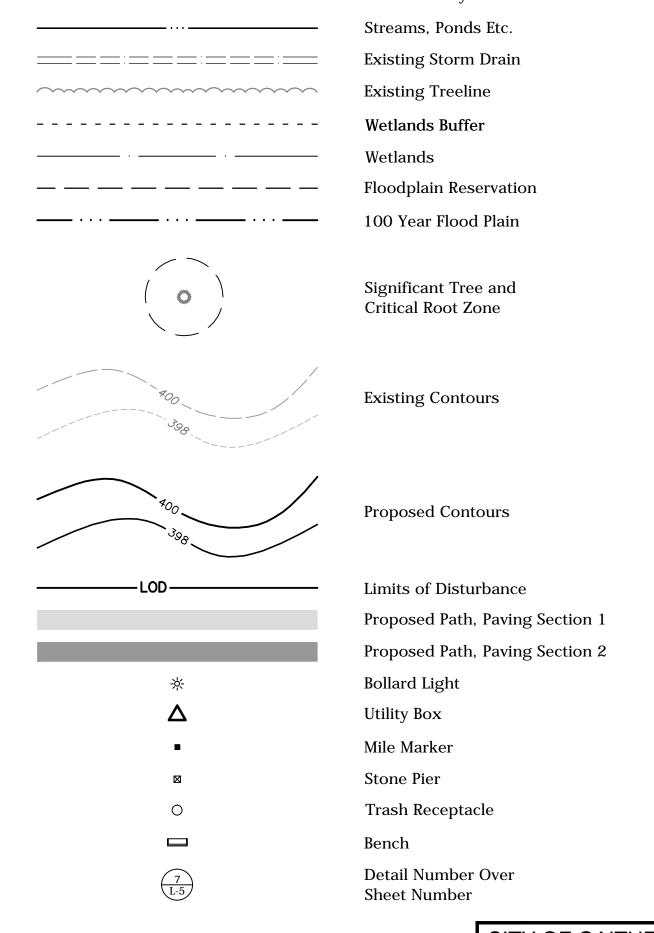
# Table of Contents

sneet umber	Sheet Title				
1	Cover Sheet				
2	Site Plan Amendment				
3	Site Plan Amendment				
4	Site Plan Amendment				
5	Site Plan Amendment				
6	Site Plan Details				
7	Landscape and Forest Conservation Plan				
8	Landscape and Forest Conservation Plan				
9	Landscape and Forest Conservation Plan				
10	Landscape and Forest Conservation Plan				
11	Landscape and Forest Conservation Details				
12	Landscape and Forest Conservation Details				

# **General Notes:**

- 1. The limits of the Site was taken from plat 19929 by KCI Technologies, Inc.
- 2. Existing contour interval = 2'.
- 3. This site is zoned MXD.
- 4. All pedestrian walks, conservation easements and buffers to be maintained by the owner.
- 5. Site area = 44.09 ac

# <u>Legend</u>

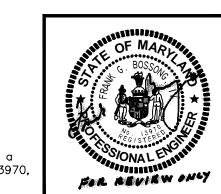


CITY OF GAITHERSBURG
PLANNING AND CODE ADMINISTRATION
31 S. SUMMIT AVE, GAITHERSBURG, MARYLAND 20877

STAFF APPROVAL
THE CITY OF GAITHERSBURG PLANNING STAFF
HEREBY GRANTS STAFF APPROVAL FOR
APPLICATION NO. STFWITH () CONDITIONS. SEE S.D.A. LETTER.

PROFESSIONAL CERTIFICATION

"I hereby certify that these documents 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.13970, Expiration Date: 6/1/2012."



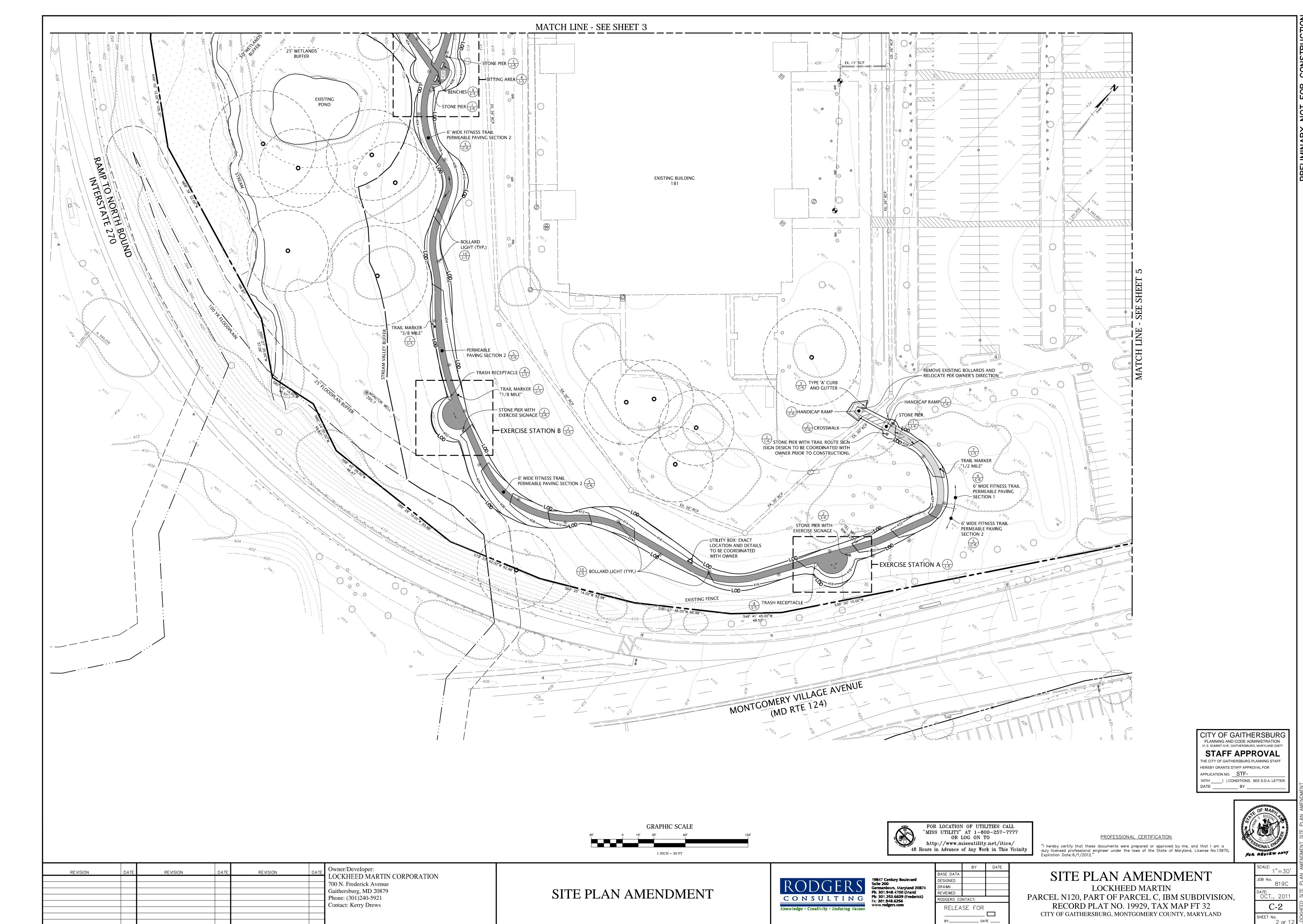
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	37,12		3,,,,_		37112	LOCKHEED MARTIN CORPORATION
						700 N. Frederick Avenue
						Gaithersburg, MD 20879
						Phone: (301)240-5921
						Contact: Kerry Drews
		•				,

COVER SHEET

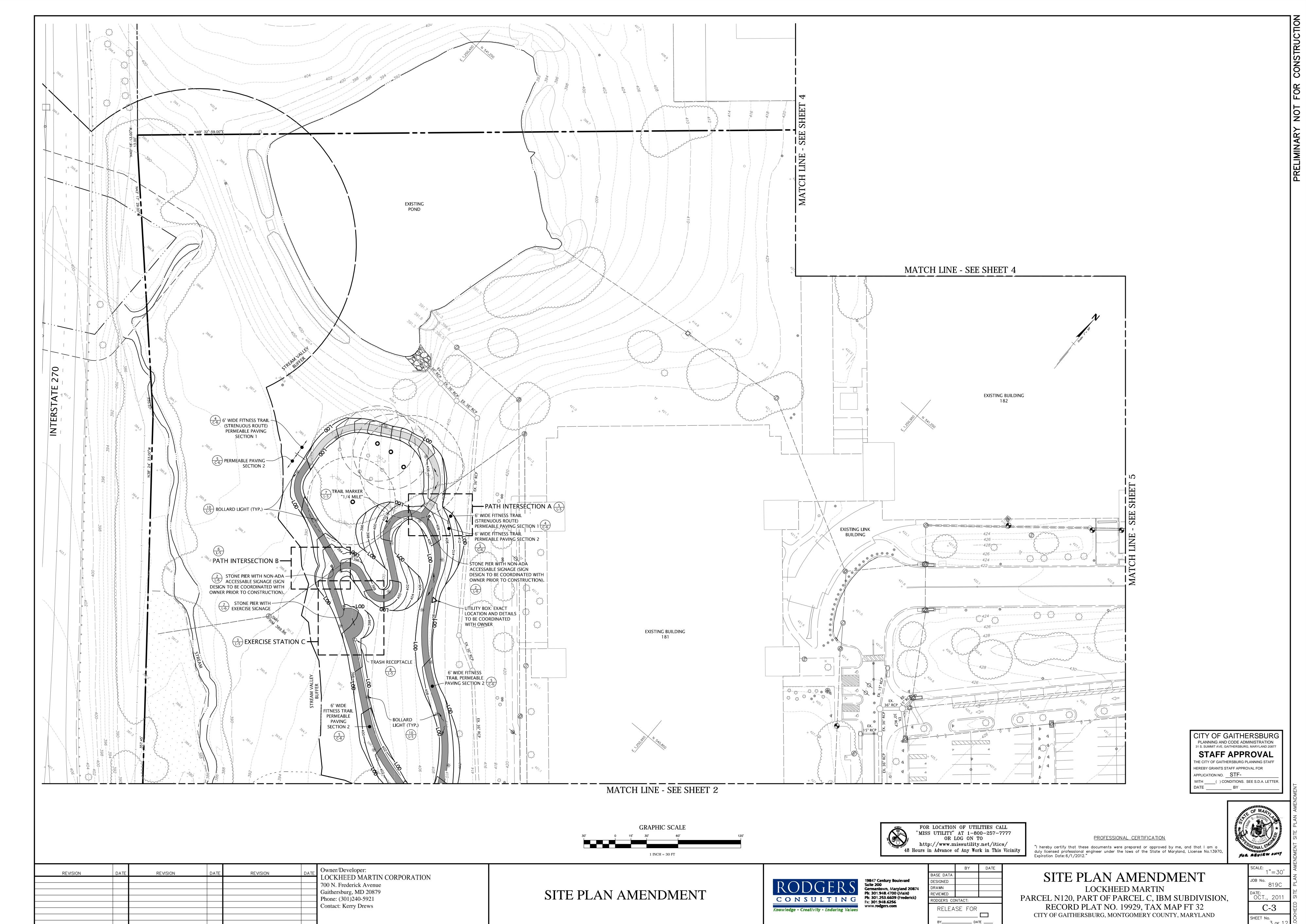


		BY	DATE			
	BASE DATA					
loulevard	DESIGNED					
aryland 20874	DRAWN					
0 (Main)	REVIEWED					
9 (Frederick) 6	RODGERS CONTACT:					
m	RELEASE FOR					

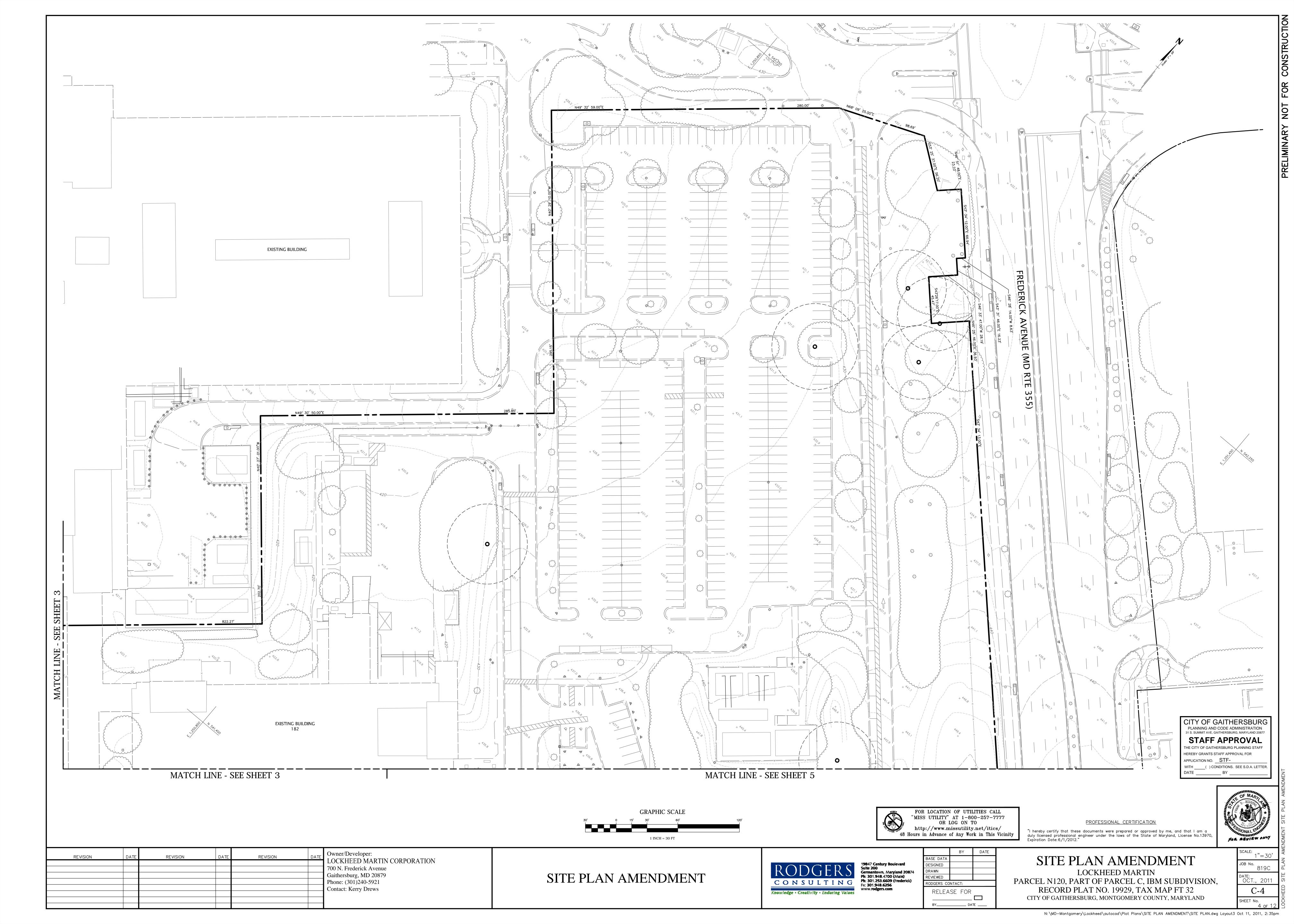
SITE PLAN AMENDMENT
LOCKHEED MARTIN
PARCEL N120, PART OF PARCEL C, IBM SUBDIVISION
RECORD PLAT NO. 19929, TAX MAP FT 32
CITY OF GAITHERSBURG, MONTGOMERY COUNTY, MARYLAND

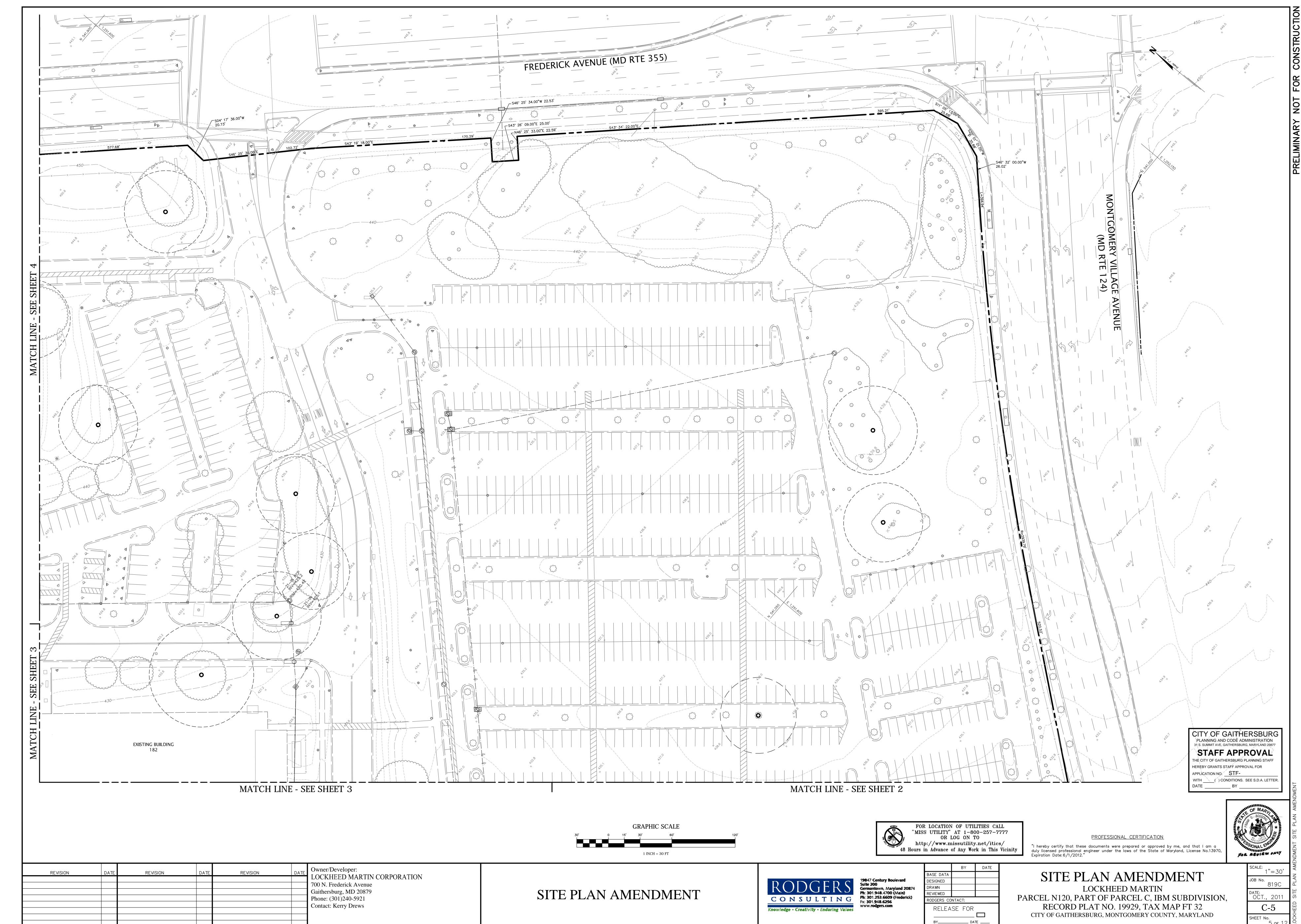


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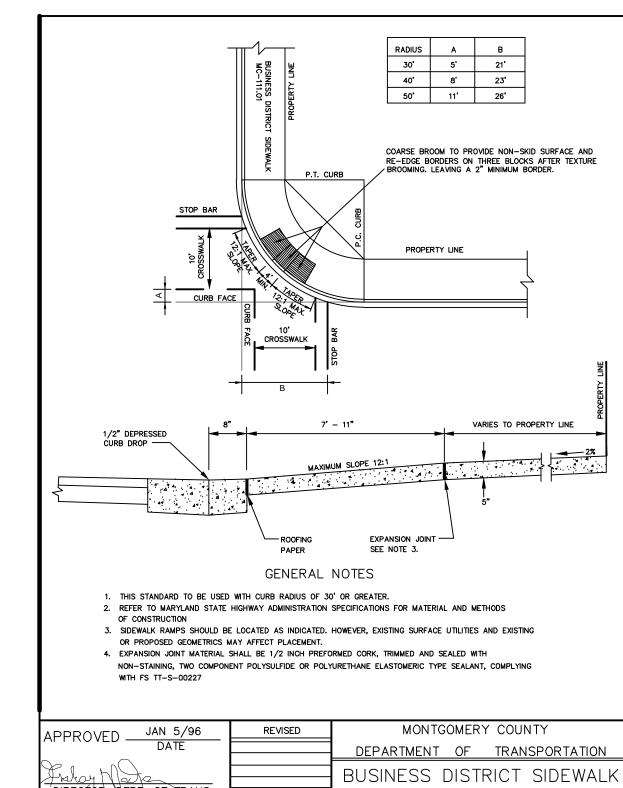
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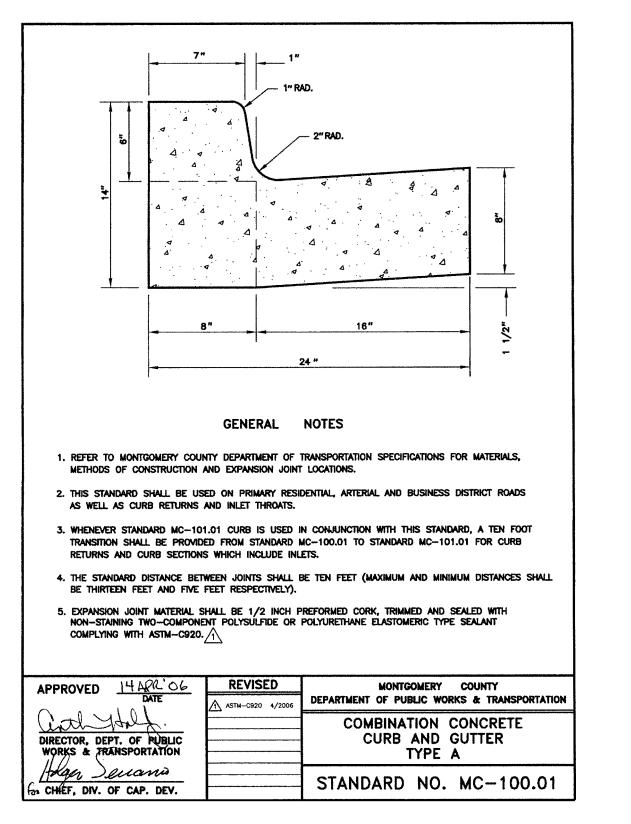


SINGLE RAMP STANDARD NO. MC-113.01

TYPE 'A' SIDEWALK RAMP DETAIL

1' Wide Strip ----

CROSSWALK STRIPING DETAIL

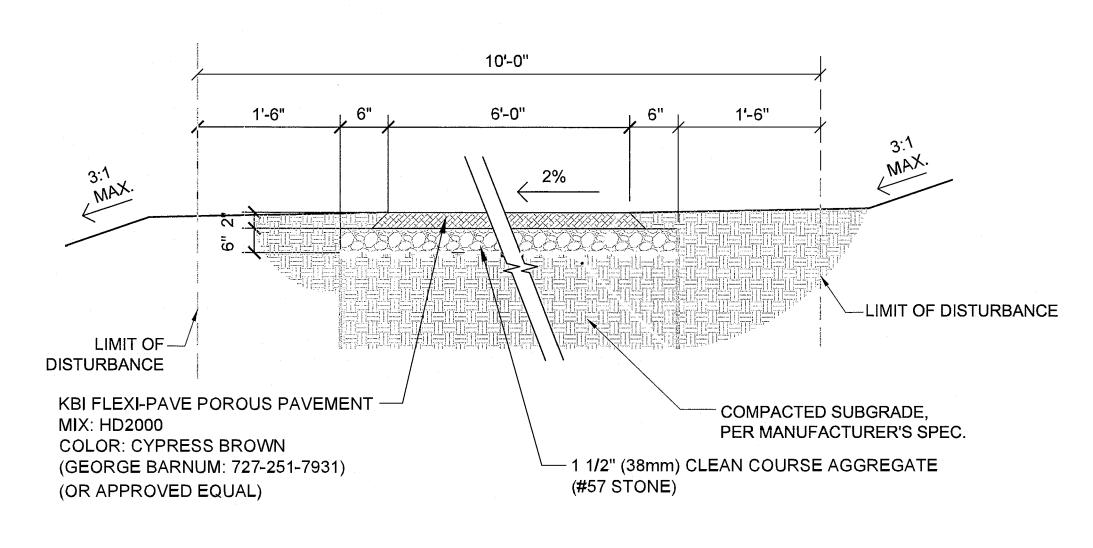


TYPE 'A' CURB AND GUTTER

10'-0" 6**'**-0" . 2% -LIMIT OF DISTURBANCE LIMIT OF -DISTURBANCE — FILTER FABRIC, PER MANUFACTURER'S KBI FLEXI-PAVE POROUS PAVEMENT -COMPACTED SUBGRADE, MIX: HD2000 PER MANUFACTURER'S SPEC. COLOR: CYPRESS BROWN (GEORGE BARNUM: 727-251-7931)

PERMEABLE PAVING SECTION 1

(OR APPROVED EQUAL)



PERMEABLE PAVING SECTION 2

CITY OF GAITHERSBURG PLANNING AND CODE ADMINISTRATION 31 S. SUMMIT AVE, GAITHERSBURG, MARYLAND 20877 STAFF APPROVAL THE CITY OF GAITHERSBURG PLANNING STAFF HEREBY GRANTS STAFF APPROVAL FOR APPLICATION NO. STF-WITH \_\_\_\_\_( ) CONDITIONS. SEE S.D.A. LETTER.

FOR LOCATION OF UTILITIES CALL
"MISS UTILITY" AT 1-800-257-7777
OR LOG ON TO
http://www.missutility.net/itics/
48 Hours in Advance of Any Work in This Vicinity

PROFESSIONAL CERTIFICATION "I hereby certify that these documents 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.13970, Expiration Date: 6/1/2012."

# SITE PLAN AMENDMENT LOCKHEED MARTIN

PARCEL N120, PART OF PARCEL C, IBM SUBDIVISION, RECORD PLAT NO. 19929, TAX MAP FT 32

SION,	OCT., 2011
,	C-6
ND	SHEET No. 6 of 12

REVISION	DATE	REVISION	DATE	REVISION	DATE	Owner/Developer:
						LOCKHEED MARTIN CORPORATION
						700 N. Frederick Avenue
						Gaithersburg, MD 20879
						Phone: (301)240-5921
						Contact: Kerry Drews
						200.000
						1

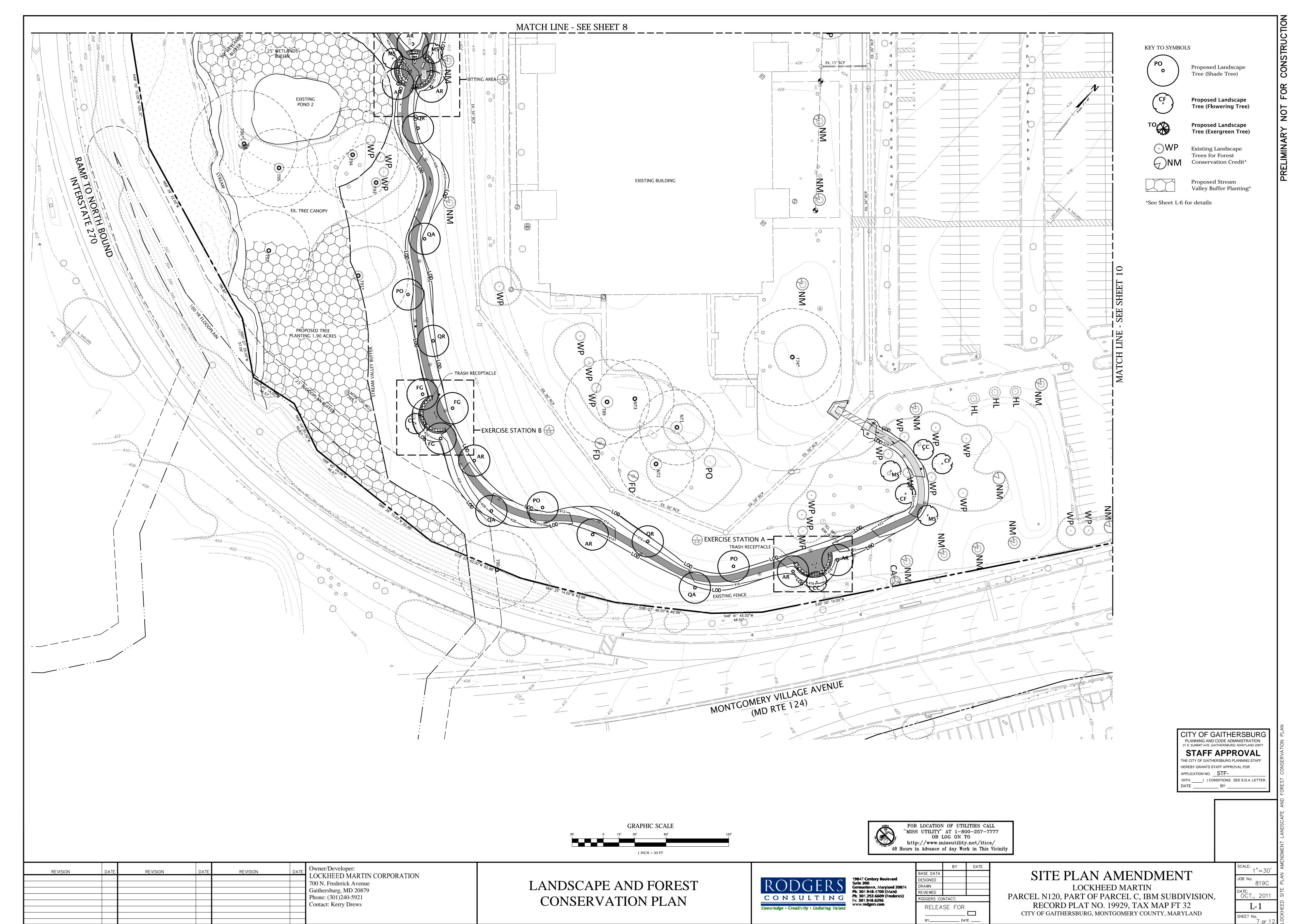
SITE PLAN DETAILS



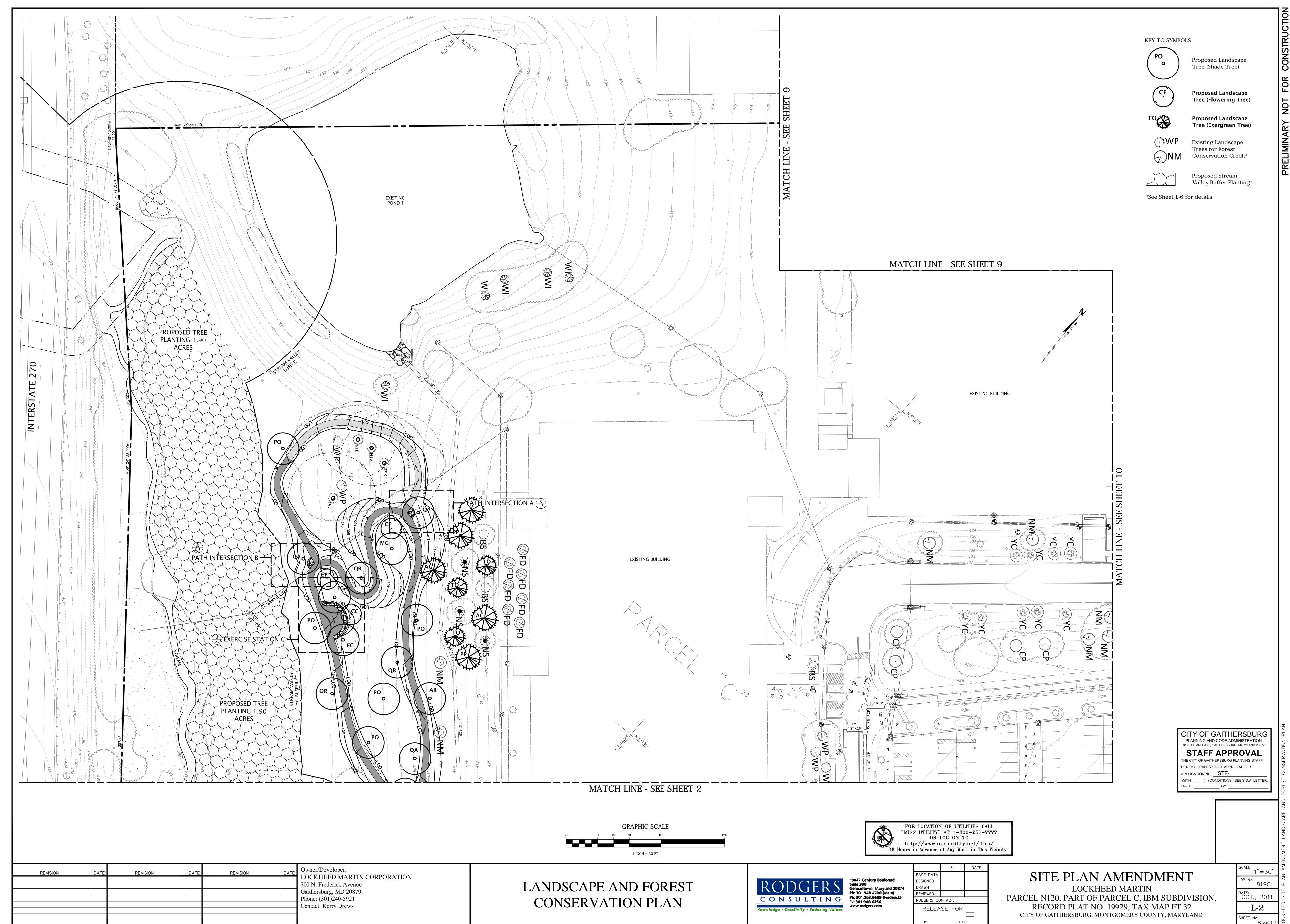
		BY	DATE			
	BASE DATA					
ury Boulevard	DESIGNED					
n, Maryland 20874	DRAWN					
.4700 (Main)	REVIEWED					
.6609 (Frederick) .6256	RODGERS CONTACT:					
rs.com	RELEASE FOR					

FOR BEVIEW ONLY

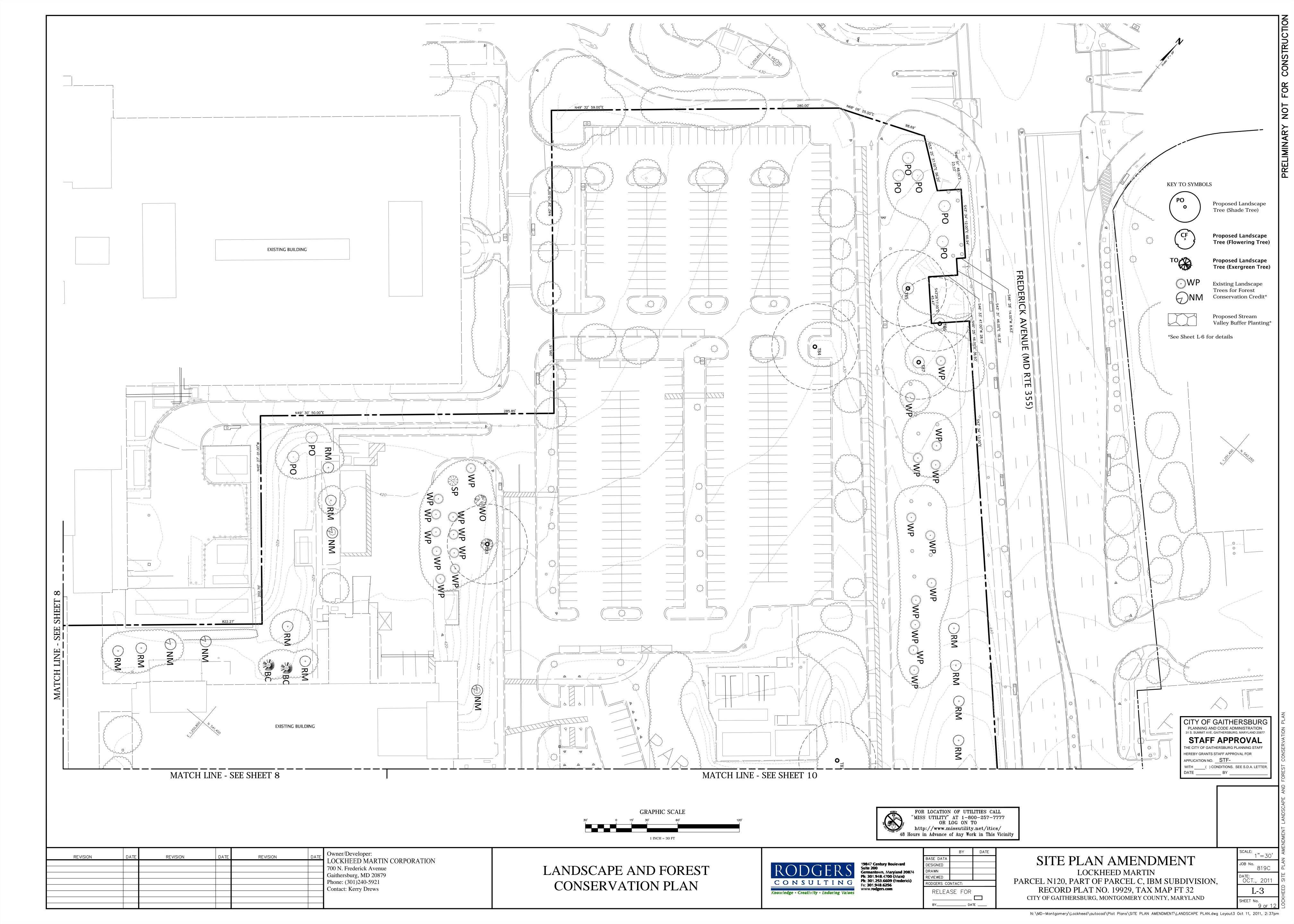
819C

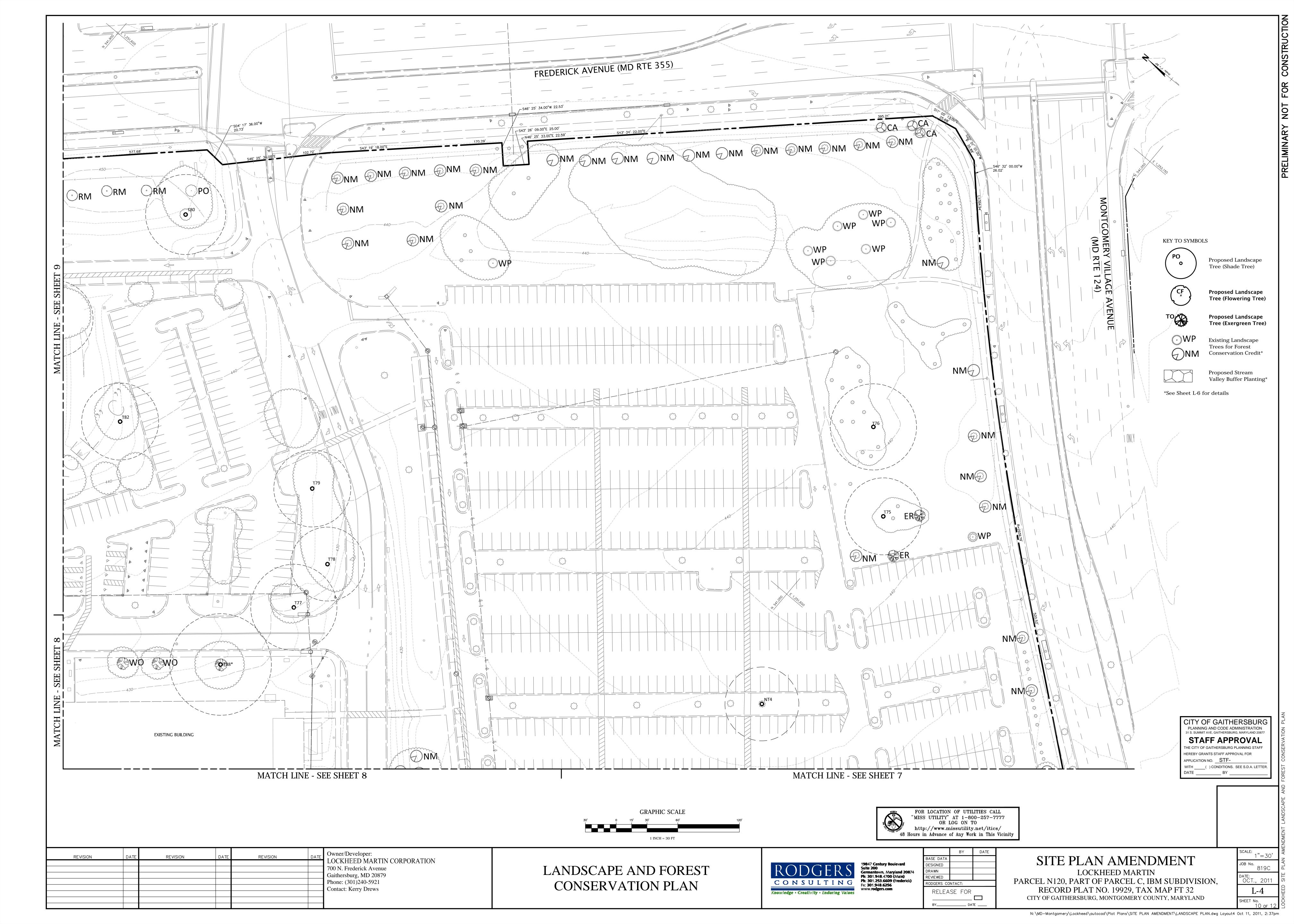


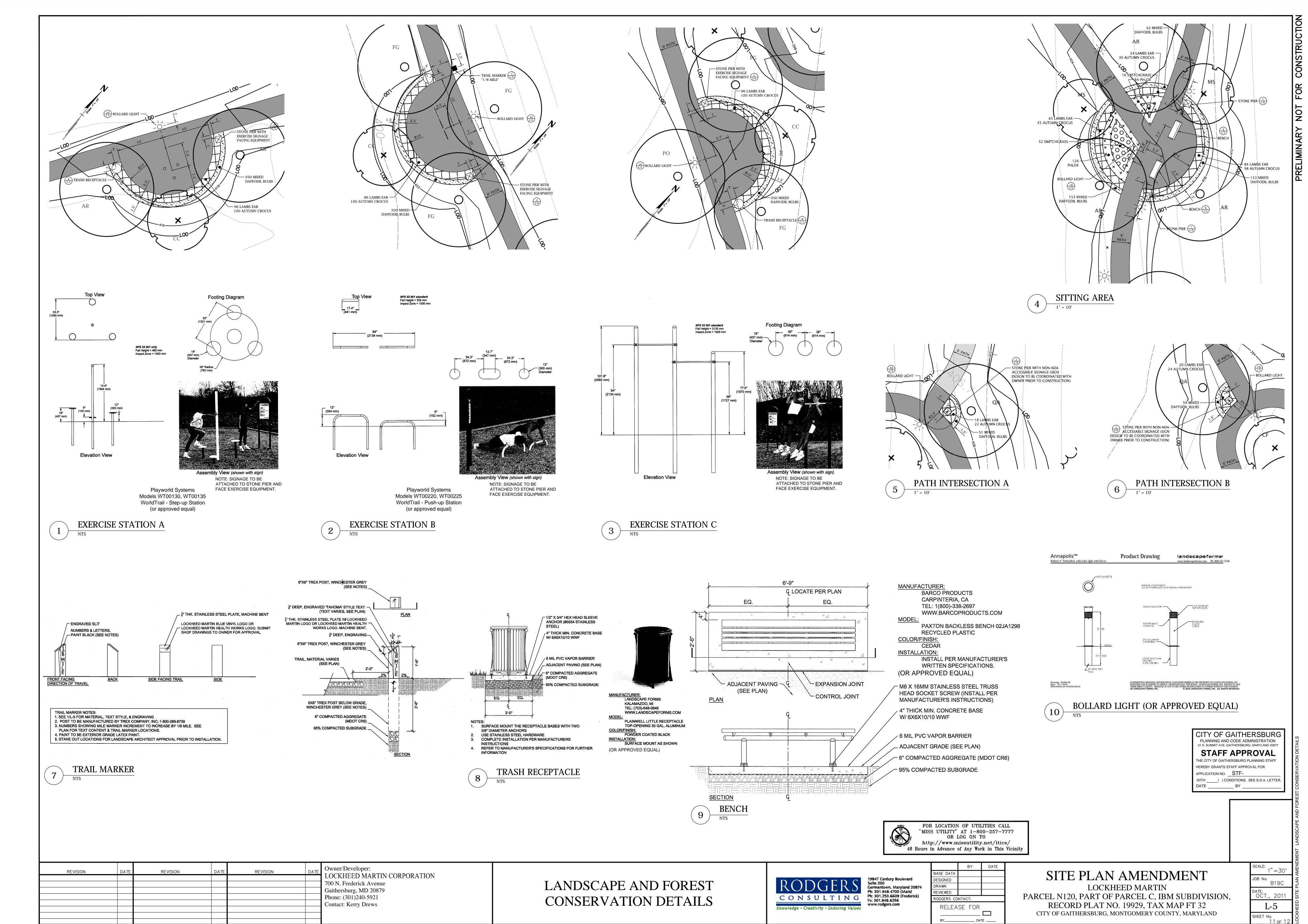
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N: \MD-Montgomery\Lockheed\autocad\Plot Plans\SITE PLAN AMENDMENT\DETAILS.dwg Layout2 Oct 11, 2011, 2:54pm

SOURCE: American Forestry Association

DECIDUOUS TREE PLANTING

# STAKED TREE SPECIFICATION (2) . The staking of trees may be used only when specified on the planting plan Stakes and wires must be removed no later than 12 months after plantinTree pit preffered to be five times the rootball size, particularly in poor so SOURCE: Adapted from Maryland State FOREST CONSERVATION MANUAL

PRECAST CONCRETE CAP

FACING ON LINK BUILDING

PROVIDED TO OWNER FOR

STONE FACE TO MATCH

OR APPROVED EQUAL.

REVIEW PRIOR TO

1/2" MORTAR JOINT MAX.

- #3-4 VERT. BAR 12" O.C.

#5 DOWELL W/ 90° ACI

HOOK INTO FOOTER

- #3-4 BAR 12" O.C.

**BOTH WAYS** 

CONCRETE FOOTER

CONSTRUCTION.

SHOP DRAWINGS TO BE

**ROOT PRUNING** FENCE WITHIN 1' OF - 1' BACK OF LIMIT OF ROOT PRUNING TRENCH CRITICAL ROOT ZONE I. Retention Areas will be set as part of the review process Exact location of the trench should be identified. rench should be immediately backfilled with soil removed or other high organic soil. Roots should be cleanly cut using a vibratory knife or other acceptable equipm SOURCE: City of Gaithersburg, Maryland: CITY TREE MANUAL Adapted from Maryland State FOREST CONSERVATION MANUAL.

PRECAST CONCRETE CAP

STONE FACE TO MATCH

OR APPROVED EQUAL

**REVIEW PRIOR TO** 

CONSTRUCTION.

- 18"x24" SIGN

CONCRETE FOOTER

6' TRAIL 1'

**SECTION** 

STONE PIER WITH SIGN

SHOP DRAWINGS TO BE

1/2" MORTAR JOINT MAX.

- #3-4 VERT. BAR 12" O.C.

- #5 DOWELL W/ 90° ACI

**HOOK INTO FOOTER** 

- #3-4 BAR 12" O.C.

**BOTH WAYS** 

**FACING ON LINK BUILDING** 

PROVIDED TO OWNER FOR

STRESS REDUCTION MEASURE (3)

MONTHS TASKS ////// 2" DBH OR (IF NEEDED) ACTIVITIES DURING THESE MONTHS ARE DEPENDENT UPON GROUND CONDITIONS DEPENDENT UPON SITE CONDITIONS DEPENDENT UPON SITE CONDITIONS: WEEKLY WATERING IS GREATLY RECOMMENDED GREATLY RECOMMENDED RECOMMENDED WITH ADDITIONAL CARE RECOMMENDED NET TRACT AREA: The planting and care of trees is most successful when coordinated with the local climatic conditions. This calendar summarizes some of the recommended time frames for basic reforestation and stress reduction activities. SOURCE: Adapted from Maryland State FOREST CONSERVATION MANUAL

TREE PLANTING AND MAINTENANCE CALENDAR

# **GENERAL NOTES:**

- 1. Plants shall conform to current "American Standards for Nursery Stock" by American Association of Nurserymen (AAN), particularly with regards to site, growth, and size of ball and
- density of branch structure. 2. All plants (B&B or container) shall be properly identified by weatherproof labels securely
- attached hereto before delivery to project site. Labels shall identify plants by name, species, and size. Labels shall not be removed until the final inspection by the Landscape Architect. Any material and/or work may be rejected by the City of Gaithersburg and/or Landscape
- Architect if it does not meet the requirements of the specifications. The contractor shall remove all rejected materials from the site and replace with acceptable material. 4. The contractor shall furnish all plants in quantities and sizes to complete the work as specified in plant schedule. The landscape contractor shall be responsible to verify all plant quantities on
- contractors convenience only and do not constitute the final count 5. Plant type substitutions are permitted with verbal or written approval from the City of

Gaithersburg Planning and Code Administration.

the plans prior to commencement of work. Quantities in the plant schedule are for the

- 6. Plants shall be located as shown on the drawings and by scaling or as designated in the field by the Landscape Architect. All locations are to be approved by the Landscape Architect before excavation.
- Contractor shall locate and mark all underground utility lines and irrigation systems prior to excavating plant beds or pits. All utility easement areas where no planting shall take place shall also be marked on the site, prior to locating and digging the tree pits. If utility lines are encountered in excavation of tree pits, other locations for the trees shall be selected by the Landscape Architect. Such changes shall be made by the contractor without additional compensation. No changes of location shall be made without the approval of the Landscape
- All equipment and tools shall be placed so as not to interfere or hinder the pedestrian and vehicular traffic flow.
- During planting operations, excess and waste materials shall be promptly and frequently
- 10. All plant shrub beds are to be dug to a minimum of 24" deep and all existing soil, construction debris, roots and other foreign material are to be removed and discarded off site. All plant shrub beds are to be excavated to the width shown on the plans.
- 11. All tree pits are to be excavated to a minimum depth to allow the tree root ball to be a minimum of 2" higher than finish grade. The tree root ball is to rest on undisturbed soil, or a compacted bed must be prepared for the tree root ball to rest on and which will not subside causing the tree to sink below finish grade. All tree pits are to be a minimum of 12" larger on every side of the trees root ball.
- 12. The planter beds are to be entirely cleaned out to the undisturbed soil level. All existing soil, construction debris, roots, and other foreign material are to be removed and discarded offsite
- 3. The topsoil to be used to fill the tree pits, shrub beds and planters is to be plant specific. The topsoil for the trees, shrubs and planter shall consist of a maximum 2/3 existing topsoil from the site, which is cleaned and free of clay, a minimum of 1/3 peat moss, or other approved organic material or imported new loamy topsoil and 10 % compost. All of these materials are to be mixed prior to placing in the planter or backfilling when planting.
- 14. The contractor is responsible to ensure that all tree pits, shrub beds and planters are well drained. No standing water must be apparent in the tree pits, planting beds or planters prior to planting. The landscape contractor shall conduct percolation tests on the site if a drainage problem is thought to exist. The percolation rates which are to be used to determine the drainage condition of the beds is to be the standard utilized by the Potomac Valley Nurserymen's Association and accepted in Montgomery County as normal.
- 15. No plant shall be located in areas of obvious poor drainage. If such conditions exist, contact the Landscape Architect immediately to relocate affected plant material. The Landscar Contractor without cost to the owner will replace all plant material, which is affected by poor
- 16. All lawn areas are to be seeded with grass seed appropriate for each of the sunlight conditions, which exist on the site. The final result is to be a luxurious dense green lawn.
- 17. All lawn areas are to be tilled to a depth of 6" and all foreign material removed which will inhibit the healthy growth of the lawn. All old grass and grass roots are to be removed from the site. New topsoil of a minimum 4" is to be placed over the areas to be sodded. The grass areas are to be fine graded to ensure that no undulations occur in the lawn. The lawns are to be graded in such a way as to appear perfectly well tailored and even. The lawn topsoil is to be rolled and lightly irrigated prior to placing of the seed. The seed is not to be laid on frozen or
- 18. The existing trees are to be protected during the preparation of the lawn areas. The roots of the trees are to be undisturbed during the cleaning of the topsoil.
- 19. The trees and shrubs are to be handled with the best care and attention to ensure that the plants are not bruised, broken, torn, mashed, dried out, or damaged in any way which will affect the plants general appearance and well being.
- 20. The trees and shrubs are to be planted with the accepted standards of the Potomac Valley Nurserymen's Association. The plants are to be properly watered and backfilled during the planting. All care must be taken to ensure that the plants are upright, a plant's best side is exposed to the point of the plants greatest visibility.
- 21. The trees must be staked in accordance with acceptable nursery practice to ensure that they are secure in the ground and will grow straight and uniform. The trees are to be wrapped if
- the contractor deems it necessary to protect the trees from sun scald or animal/pest attack. 22. The Landscape Contractor is to provide a 2-year guarantee for all plant material and other work done on site. All plant material will be reinspected for survival by the Planning and Code

Administration one year following installation. A 10% maintenance bond will be retained by the

- 23. City site inspectors are to be given a minimum of 48 hours advanced notice prior to the delivery of trees to the site.
- 24. All trees are to be inspected and approved by the City prior to planting.
- 25. A typical planting hole is to be inspected and approved by the City prior to the planting of any
- 26. Bonds are not to be released without final inspection by DPWPME.

City during this time period.

# EXISTING CANOPY CREDIT FOR FC: (PER APPROVED NRI)

	Tree (Common)	Symbol	Latin Name	Quantity	Credit/Tree	Total Credit
BC	Blue Atlas Cedar	ВС	Cedrus atlantica 'Glauca'	2	300	600
⟨x⟩YC	Yoshino Cherry	YC	Prunus x yedoensis	9	700	6300
<b>€</b> CA	Crabapple	CA	Malus spp.	4	300	1200
$\bigcirc$ FD	Flowering Dogwood	FD	Cornus florida	9	300	2700
⊕HL	Honeylocust	HL	Gleditsia triacanthos	3	700	2100
$\bigcirc$ NM	Norway Maple	NM	Acer platanoides	47	1000	47000
RM	Red Maple	RM	Acer rubrum	13	1000	13000
⊙PO	Pin Oak	PO	Quercus palustris	16	700	11200
<b>W</b> o	Willow Oak	WO	Quercus phellos	5	700	3500
СР	Callery Pear	СР	Pyrus calleryana	4	300	1200
WP	White Pine	WP	Pinus strobus	62	700	43400
⊗ SP	Scotch Pine	SP	Pinus sylvestris	1	700	700
<b>₩</b> ER	Eastern Redbud	ER	Cercis canadensis	2	300	600
∰BS	Colorado Blue Spruce	BS	Picea pungens var glauca	3	700	2100
NS	Norway Spruce	NS	Picea abies	3	700	2100
_	Sycamore	SY	Platanus occidentalis	1	1000	1000
₩WI	Willow	WI	Salix spp.	5	1000	5000
					Total Canopy	143700 SE

CITY OF GAITHERSBURG PLANNING AND CODE ADMINISTRATION 31 S. SUMMIT AVE, GAITHERSBURG, MARYLAND 208 STAFF APPROVAL THE CITY OF GAITHERSBURG PLANNING STAFF HEREBY GRANTS STAFF APPROVAL FOR APPLICATION NO. STF-WITH ( ) CONDITIONS. SEE S.D.A. LETTER.

### FOR LOCATION OF UTILITIES CALL 'MISS UTILITY" AT 1-800-257-7777 OR LOG ON TO http://www.missutility.net/itics/ 48 Hours in Advance of Any Work in This Vicinity

\_ DATE \_\_

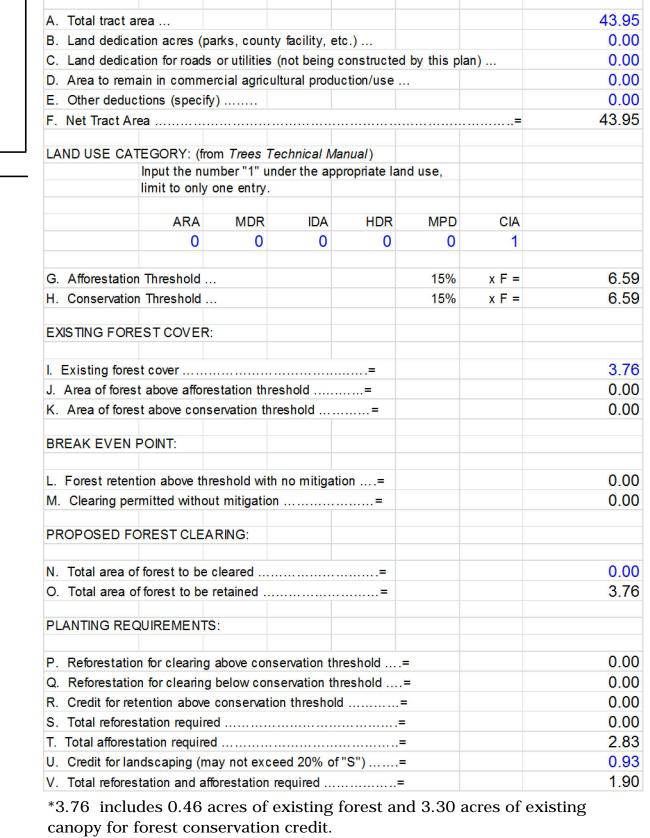
### FOREST CONSERVATION WORKSHEET: FOREST CONSERVATION WORKSHEET Lockheed Martin Gaithersburg

= SHRUB = TREE A,B,C = DIFFERENT SPECIES

P= = = DRIFT PATTERNS

SOURCE: EQR, Inc.

PLANTING DISTRIBUTION DETAIL



# FOREST CONSERVATION SUMMARY:

Existing Forest: Existing Canopy: Proposed Trees in SVB: Proposed Canopy Credit: TOTAL:

0.46 acres (per approved NRI/FSD) 3.30 acres (per approved NRI/FSD) 1.90 acres (per this plan) 0.93 acres (per this plan) 6.59 acres

### adjust tree protection and root pruning in the field as necessary, which may expand or decrease the area being protected. Installation of all tree protection devices should be scheduled and an inspection arranged with the City after all

1. Upon permit issuance, the builder/developer must arrange for an engineers'

stake out of tree protection in accordance with approved plans. A

preconstruction meeting will then be scheduled to determine the location of

tree protection devices. The Planning and Code Administration inspector shall

FOREST CONSERVATION INSPECTION PROCEDURES

- work is complete. The City will issue a punch list for any remaining work needed prior to the start of grading, or issue a report approving the start of Once work begins on-site, the tree protection devices will be reinspected on a biweekly basis, and the builder/developer will be notified of any work that is
- needed. It shall be the builder/developer's responsibility to maintain all tree protection devices and make any repairs needed. . City approval is required prior to removal of any tree protection device or
- entrance into a tree save area. Tree save areas cannot be used for storage of any building materials. 4. The Planning and Code Administration inspector may require pruning and
- removal of any tree in the tree save area during construction and prior to bond release. These decisions will be based on the trees' health, proximity to buildings, drainage, or other concerns. Every effort will be made to preserve those trees in the tree save area.
- 5. The City will require mitigation of trees lost during construction in accordance with the Forest Conservation Ordinance. Mitigation will be required prior to bond release, and all replacement trees must be inspected by the City after installation. These replacement trees shall have a one-year guarantee in accordance with the industry standards. The City may also allow the developer to escrow monies for mitigation to satisfy their obligation, which will be used by the City to purchase and install the replacement trees.
- 6. For mitigation and afforestation, City inspection is required after the plantings have been made. The maintenance period, one year or as stated in the maintenance agreement, will not begin until this inspection has been made. Quarterly reports to the City, if required, on the health of the trees in the save area should also be made, and any recommendations implemented. It shall be the builder/developer's responsibility to maintain these plantings until they are accepted by the City. A final inspection by the City will be made prior to the end of the maintenance period, and a punch list developed for any trees that need to be replaced. The City may allow the developer to escrow monies to satisfy their obligation for any further planting required, which will be used by the City to purchase and install the replacement trees.
- It shall be the builder/developer's responsibility to satisfy all requirements and conditions of the Forest Conservation Plan and/or any maintenance agreement. In the event of a violation, the City will take enforcement action in accordance with the Trees and Forest Conservation Ordinance (Chapter 22) of the City Code. This may include correction notices, civil citations, or collection of the bond guaranteeing this work.

# Stream Valley Buffer Planting

QTY	BOTANICAL NAME	COMMON NAME	SIZE/ REMARKS	TYPE	FOREST CONSERVATION CREDIT (EA)	TOTAL FC CREDIT
12	Acer rubrum	Red Maple	2-2.5" Cal.	B&B	1000	12000
12	Betula nigra	River Birch	2-2.5" Cal.	B&B	300	3600
12	Liriodendron tulipifera	Tulip Poplar	2-2.5" Cal.	B&B	700	8400
12	Liquidambar styraciflua	Sweet Gum	2-2.5" Cal.	B&B	700	8400
12	Platanus occidentalis	Sycamore	2-2.5" Cal.	B&B	1000	12000
11	Salix babylonica	Weeping Willow	2-2.5" Cal.	B&B	1000	11000
12	Quercus phellos	Willow Oak	2-2.5" Cal.	B&B	700	8400
12	Amelanchier canadensis	Serviceberry	2-2.5" Cal.	B&B	300	3600
12	Cornus florida	Flowering Dogwood	2-2.5" Cal.	B&B	300	3600
12	Carpinus caroliniana	Musclewood	2-2.5" Cal.	B&B	1000	12000
					Total Canopy Area	83000

QTY	BOTANICAL NAME	COMMON NAME	SIZE/ REMARKS	TYPE	FOREST CONSERVATION CREDIT (EA)	TOTAL FC CREDIT
12	Acer rubrum	Red Maple	2-2.5" Cal.	B&B	1000	12000
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11	Salix babylonica	Weeping Willow	2-2.5" Cal.	B&B	1000	11000
12	Quercus phellos	Willow Oak	2-2.5" Cal.	B&B	700	8400
12	Amelanchier canadensis	Serviceberry	2-2.5" Cal.	B&B	300	3600
12	Cornus florida	Flowering Dogwood	2-2.5" Cal.	B&B	300	3600
12	Carpinus caroliniana	Musclewood	2-2.5" Cal.	B&B	1000	12000
					Total Canopy Area	83000
						1.01.4

# ☐ 3. General Notes. The following general notes must be placed on all landscape ☐ 19. The following notes:

STONE PIER

COMPACT

**SUBGRADE TO 95%** 

plans where relevant: N/A 

a. Individual homeowners must be notified at least one week prior to

**SECTION** 

- installation of plants on lots that have an occupied dwelling. ☐ b. Unless otherwise stipulated by specific requirements of this manual, the landscaping shown on this plan must be planted in accordance with the latest edition of Landscape Specification Guidelines, developed by the MD-DC-VA Chapter of the Landscape Contractors Association.
- a c. All trees are to be located a minimum distance of 5 feet from all utility boxes, 5 feet from a storm drain inlet or man-hole, 10 feet from a fire hydrant, 15 feet from public street lights, 5 feet from driveway aprons, 20 feet from any traffic control sign, and at least 30 feet from any interd. Locations of street trees may be subject to change in order to avoid
- conflict with street lighting. • Any planting within a forest retention area, as designated on the forest
- conservation plan and shown on this plan, must be done to avoid any adverse impact to the roots of existing trees. f. Plant type substitutions are permitted with verbal or written approval from the Planning and Code Administration.
- **Q** g. All plant material will be reinspected for survival by the Planning and Code Administration one year following installation. A 10 percent maintenance bond will be retained during this time period. h. All plants must meet the standards of the latest edition of American
- Standard for Nursery Stock sponsored by the Association of American i. No plant shall be located in areas of obvious poor drainage. If such conditions exist, contact the landscape architect immediately to relocate affected plant materials.
- i. Soil conditions must be tested, verified and adjusted by the landscape contractor to insure that appropriate soil composition and PH levels are suitable for plant materials specified for that specific location.

- a. Pre-construction meeting, held on-site to include a presentation of protective measures to construction supervisors, equipment operators, developer's representative, and site and sediment con-
  - ☐ b. Clearing limits shall be rough staked by developer in order to facilitate location for trenching and fencing installation.

COMPACT

SUBGRADE TO 95%

- c. No clearing or grading shall begin in areas where tree treatment and preservation measures have not been completed. d. The sequence of tree treatment and conservation measures shall be:
- 1) Root pruning trenching. 2) Tree protection fencing. Aeration system installation 4) Sign installation.
- Tree pruning and chemical treatment. Mulch treatment.
- e. Above measures shall be directed in the field by the project forester, arborist, naturalist, ecologist, site engineer or landscape ar-☐ f. Tree protection fencing shall be maintained and repaired by the developer or contractor for the duration of construction and once
- prior approval by the city site inspector. g. Access to fenced areas will only be permitted with the prior approval of the owner's representative and the city site inspector; h. Designated aeration zones shall be protected with temporary fenc-

approved by the city site inspector, must not be altered without

- ing until final grading. ☐ i. Any excavation or grading required within the fenced areas shall be done as directed and approved by the person mentioned in note # 5 and the city site inspector.
- j. Trees, shrubs, or undergrowth shall be removed from the protected root zone areas only when necessary and shall be removed ☐ k. Refer to tree protection action key for specific treatment of each
- ☐ 1. Attachment of signage, fencing, etc., to trees to be saved is pro-
- shall be removed from the site by the contractor. n. No sod or seed shall be planted within the designated root zones for all trees to be saved.

m. After construction, all temporary barriers, fencing, debris, etc.,

# PROPOSED LANDSCAPE PLANT LIST

KEY	QUAN	BOTANICAL NAME	COMMON NAME	SIZE/ REMARKS	TYPE	FOREST CONSERVATION CREDIT (sf)(EA)	FC CREDIT TOTAL (sf)
AR	8	Acer rubrum	Red Maple	2-2.5" Cal.	B&B	1000	8000
FG	5	Fagus grandifolia	American Beech	2-2.5" Cal.	B&B	1000	5000
PO	8	Platanus occidentalis	Sycamore	2-2.5" Cal.	B&B	1000	8000
QA	7	Quercus alba	White Oak	2-2.5" Cal.	B&B	1000	7000
QR	6	Quercus rubra	Red Oak	2-2.5" Cal.	B&B	700	4200
CC	4	Cercis canadensis	Redbud	2-2.5" Cal.	B&B	300	1200
CF	4	Cornus florida	Flowering Dogwood	2-2.5" Cal.	B&B	300	1200
KP	4	Magnolia x soulangiana	Saucer Magnolia	2-2.5" Cal.	B&B	300	1200
AC	3	Abies concolor	White Fir	6' height	B&B	700	2100
JV	3	Juniperus virginiana	Eastern Redcedar	6' height	B&B	300	900
MG	1	Magnolia grandiflora	Southern Magnolia	6' height	B&B	300	300
PP	2	Picea pungens glauca	Colorado Blue Spruce	6' height	B&B	700	1400
				Total	Canopy	0.93 acres	40500
GROUND	COVER	NO FOREST CONSERVATION	CREDIT PROPOSED				0.93 acres
(0)	60	Panicum virgatum	Switchgrass	1-3 gal.	Cont.	18" spacing	
+ +	126	Phlox stolonifera	Phlox	1-3 gal.	Cont.	18" spacing	
	1282	Narcissus spp.	Daffodil Mixture	Bulb	Bare	Space 9' staggered	
	320	Stachys byzantia	Lamb's Ear	3-6" Pot	Cont.	Space 18" staggered	Plant intermingled
	580	Colchicum autumnale	Autumn Crocus	Corm	Bare	Space 9" staggered	in planting area

QTY	NAME	NAME	REMARKS	TYPE	CONSERVATION CREDIT (EA)	FC CREDIT	
12	Acer rubrum	Red Maple	2-2.5" Cal.	B&B	1000	12000	
12	Betula nigra	River Birch	2-2.5" Cal.	B&B	300	3600	
12	Liriodendron tulipifera	Tulip Poplar	2-2.5" Cal.	B&B	700	8400	
12	Liquidambar styraciflua	Sweet Gum	2-2.5" Cal.	B&B	700	8400	
12	Platanus occidentalis	Sycamore	2-2.5" Cal.	B&B	1000	12000	
11	Salix babylonica	Weeping Willow	2-2.5" Cal.	B&B	1000	11000	
12	Quercus phellos	Willow Oak	2-2.5" Cal.	B&B	700	8400	
12	Amelanchier canadensis	Serviceberry	2-2.5" Cal.	B&B	300	3600	
12	Cornus florida	Flowering Dogwood	2-2.5" Cal.	B&B	300	3600	
12	Carpinus caroliniana	Musclewood	2-2.5" Cal.	B&B	1000	12000	

# Distribute trees throughout planting area, approximately 20-30' on center

Owner/Developer: REVISION REVISION REVISION LOCKHEED MARTIN CORPORATION 700 N. Frederick Avenue Gaithersburg, MD 20879 Phone: (301)240-5921 Contact: Kerry Drews

LANDSCAPE AND FOREST CONSERVATION DETAILS



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847 Century Boulevard te 200 mantown, Maryland 20874 301.948.4700 (Main) 301.253.6609 (Frederick) 301.948.6256 ww.rodgers.com	BASE DATA		ĺ
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SITE PLAN AMENDMENT LOCKHEED MARTIN PARCEL N120, PART OF PARCEL C, IBM SUBDIVISION, RECORD PLAT NO. 19929, TAX MAP FT 32 CITY OF GAITHERSBURG, MONTGOMERY COUNTY, MARYLAND

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