

CITY OF ROSWELL NOTES

MATERIALS PROHIBITED IN TREE SAVE AREAS: NO STRUCTURES IMPROVEMENTS OR ANY ACTIVITY INCLUDING SOLVENTS, MATERIAL, CONSTRUCTION MACHINERY, PORTABLE TOILETS, CONSTRUCTION TRAILERS, OR TEMPORARY SOIL DEPOSITS SHALL ENCROACH OR BE PLACED WITHIN A DRIP LINE AND WITHIN SIX FEET OF THE AREA IMMEDIATELY OUTSIDE THE DRIP LINE, OF ANY SPECIMEN TREE OR ANY TREE WITHIN A TREE SAVE AREA UNLESS AUTHORIZED BY THE ARBORIST IN WRITING.

TREE PROTECTION DEVICES: BEFORE DEVELOPMENT, LAND CLEARING, FILLING, OR ANY LAND ALTERATION, THE DEVELOPER SHALL BE REQUIRED TO ERECT SUITABLE PROTECTIVE BARRIERS AS REQUIRED BY THE ARBORIST PURSUANT TO AN APPROVED TREE PROTECTION PLAN, INCLUDING TREE FENCES, TREE PROTECTION SIGNS, AND EROSION BARRIERS. INSPECTION OF TREE PROTECTION BARRIERS IS REQUIRED PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBANCE OR DEVELOPMENT. SAID TREE PROTECTION MEASURES SHALL REMAIN IN FUNCTIONING CONDITION UNTIL COMPLETION OF THE SITE LANDSCAPING, COMPLETION OF THE PROJECT, OR UNTIL THE CERTIFICATE OF OCCUPANCY IS ISSUED. AUTHORIZATION TO REMOVE THE PROTECTIVE DEVICES SHALL BE EVIDENCED IN WRITING BY THE ARBORIST OR BY THE ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY.

ACTIVE TREE PROTECTION DEVICES: MATERIALS FOR ACTIVE TREE PROTECTION SHALL CONSIST OF CHAIN LINK, ORANGE LAMINATED PLASTIC, WOODEN POST AND RAIL FENCING OR OTHER PROTECTION IS REQUIRED, EACH TREE TO BE SAVED SHALL BE MARKED AT THE BASE OF THE TRUNK WITH BLUE COLORED WATER-BASED PAINT.

PASSIVE TREE PROTECTION: MATERIALS FOR PASSIVE TREE PROTECTION SHALL CONSIST OF HEAVY MIL. PLASTIC FLAGGING, A MINIMUM OF FOUR (4) INCHES WIDE WITH DARK LETTERS READING "TREE PROTECTION AREA - DO NOT ENTER" OR EQUIVALENT SIGNAGE ON A CONTINUOUS, DURABLE RESTRAINT. NO PASSIVE TREE PROTECTION SPECIFIED FOR THIS SITE UNLESS PRIOR APPROVAL IS OBTAINED IN WRITING FROM THE CITY ARBORIST.

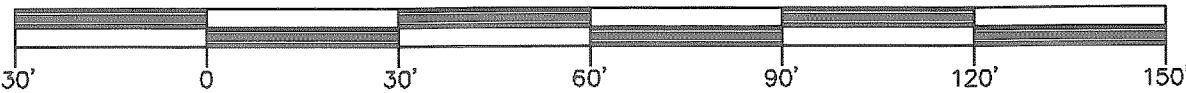
ADDITIONAL MEASURES:  
THE DEVELOPER SHALL TAKE MEASURES TO ENSURE THE HEALTH OF THE PROTECTED TREES DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO THE FOLLOWING MEASURES"

1. WATER, FERTILIZE AND TREAT THE TREES FOR PESTS OR DISEASE AS NEEDED, IN ACCORDANCE WITH STANDARDS OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE.
2. IF GRADING COVERS THE TREES WITH DUST, HOSE THEM OFF.
3. DO NOT RANDOMLY OR INCORRECTLY PRUNE LIVE BRANCHES SO THAT EQUIPMENT OR STRUCTURES CAN "FIT" WITHIN THE TREE'S PROTECTED ZONE.
4. DO NOT STRIP THE TOPSOIL OR REMOVE THE NATURAL LEAF MULCH OR MATERIAL FROM BENEATH A PROTECTED TREE.
5. TREES SHALL BE FELLED AWAY FROM, RATHER THAT INTO, TREE SAVE AREA.
6. PROVIDE ADEQUATE MULCHING AND WATER FOR TREES THAT WILL BE RETAINED.

TREE PROTECTION MEASURES SHALL REMAIN IN PLACE FOR A PERIOD OF TWO YEARS AFTER CONSTRUCTION WITH APPROVED REMOVAL BY ARBORIST ONLY.

TREES SHALL BE GUARANTEED FOR A PERIOD OF 2 YEARS. ANY REPLACEMENT OF TREES UNDER THIS GUARANTEE PERIOD SHALL EXTEND THE GUARANTEE PERIOD FOR 2 ADDITIONAL YEARS FOR THE REPLACEMENT TREES.

GRAPHIC SCALE



ENTIRE SITE DENSITY FACTOR (SDF) CALCULATIONS:  
SDF REQUIREMENT = 30 UNITS/ACRE  
SITE = .4675ac  
SDF = .4675ac x 30u = 14.02u

EXISTING SITE DENSITY FACTOR (EDF):  
EDF = 190.4u (SEE EDF CHART L-1)

ENTIRE SITE REPLACEMENT DENSITY FACTOR (RDF) CALCULATIONS:  
RDF = EDF - SDF  
RDF = 190.4u - 14.02u = 176.38 excess density  
SITE COMPLIES WITH EXISTING UNITS NO ADDITIONAL UNITS REQ.

ENTIRE SITE SPECIMEN TREES:  
NO SPECIMEN TREES IMPACTED; NEW DRIVE MOSTLY ON BASE OF EXISTING GRAVEL DRIVE, (see limits)

PARKING LOT TREES CALCULATIONS:  
FOR PARKING LOTS FOR 20 OR MORE SPACES. (30 SPACES TOTAL)  
PARKING LOT LESS THAN 20 SPACES; (no requirements)

LANDSCAPE STRIPS

FRONTAGE 10' STRIP  
1 TREE AND 10 SHRUBS / 35'  
100'/35 = 3TR & 28 SHRUBS (COMPLIES)

8' BUFFER SOUTH  
INFILLED AS SHOWN  
FOR FULL SCREEN COVERAGE

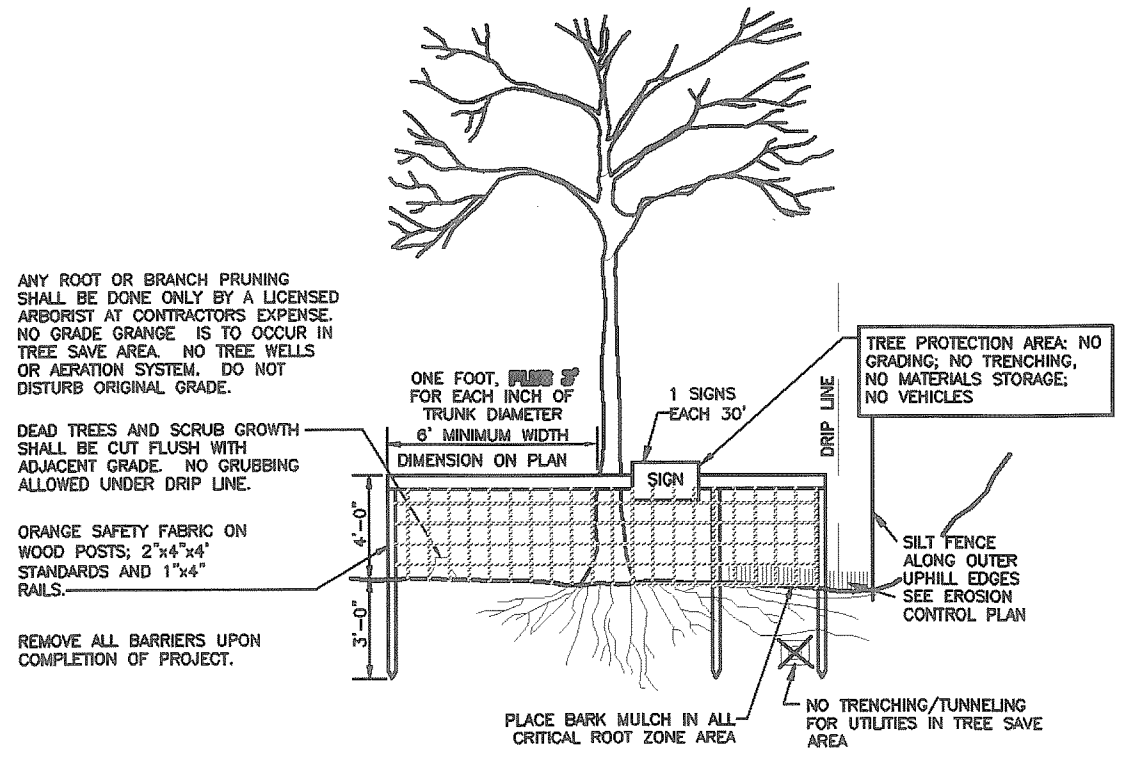
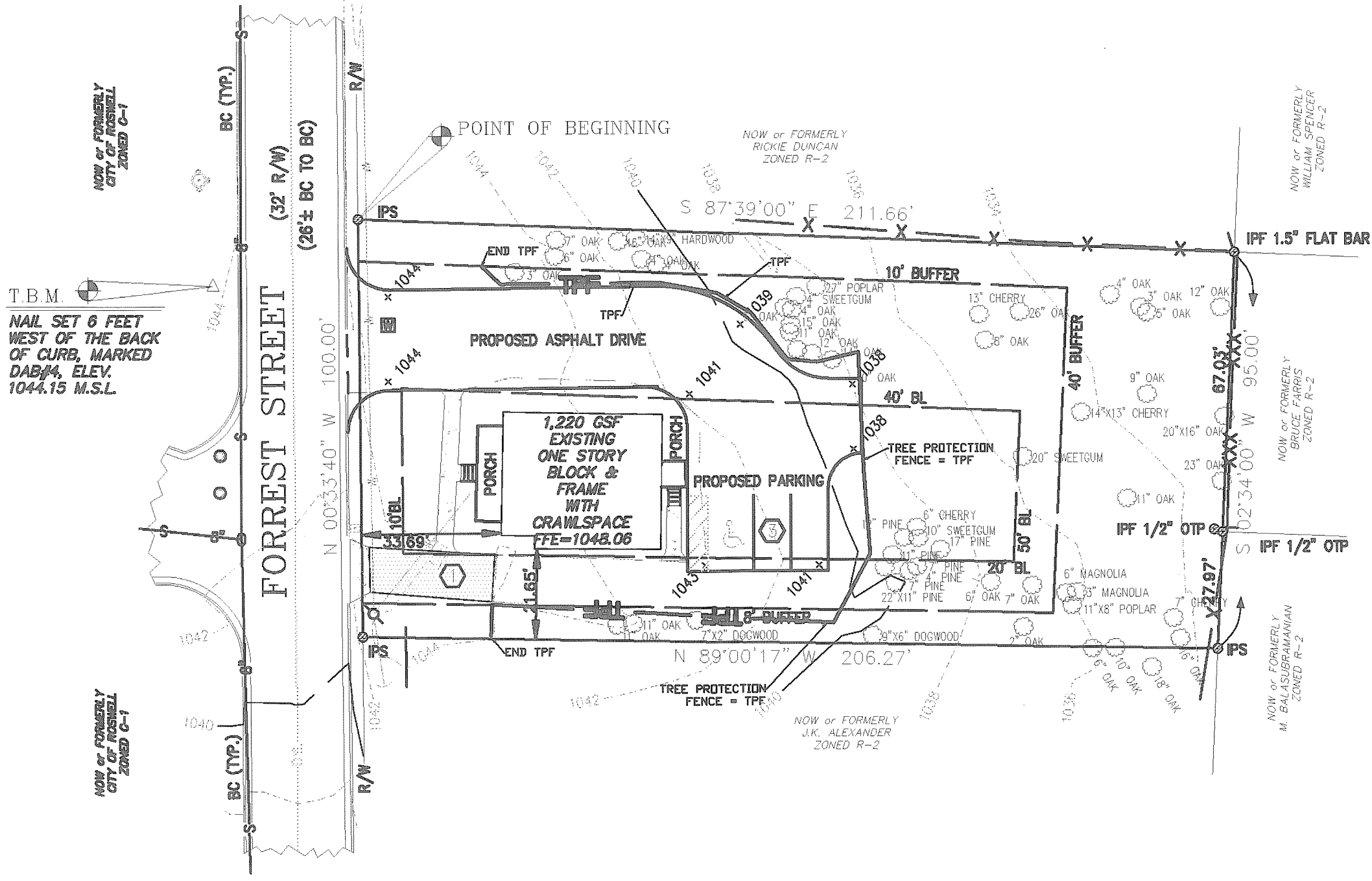
10' BUFFER NORTH  
INFILLED AS SHOWN  
FOR FULL SCREEN COVERAGE

40' BUFFER REAR  
INFILLED AS SHOWN  
FOR FULL SCREEN COVERAGE

LANDSCAPE AREA  
LOT SIZE 20,365sf  
LANDSCAPE 14,150sf OR 69%

EXISTING DENSITY FACTOR (EDF)

4@3" x 1.0u	= 4.0u
6@4" x 1.5u	= 9.0u
1@5" x 2.0u	= 2.0u
11@6/7" x 2.4u	= 26.4u
5@8/9" x 3.0u	= 15.0u
9@10/11" x 3.6u	= 32.4u
5@12/13" x 4.2u	= 21.0u
4@14/15" x 4.8u	= 19.2u
4@16/17" x 5.3u	= 21.2u
2@20" x 6.0u	= 6.9u
2@22/23" x 6.3u	= 12.6u
3@26/27" x 6.9u	= 20.7u
190.4u	



TREE PROTECTION FENCE DETAIL

NOT TO SCALE  
DESTRUCTION/DEATH OF TREE DUE TO CONTRACTORS OPERATIONS WILL REQUIRED "RECOMPENSE" PLANTING, AT CONTRACTOR EXPENSE.

RECEIVED  
CITY OF ROSWELL  
COMMUNITY DEVELOPMENT DEPT.




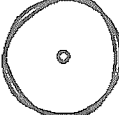










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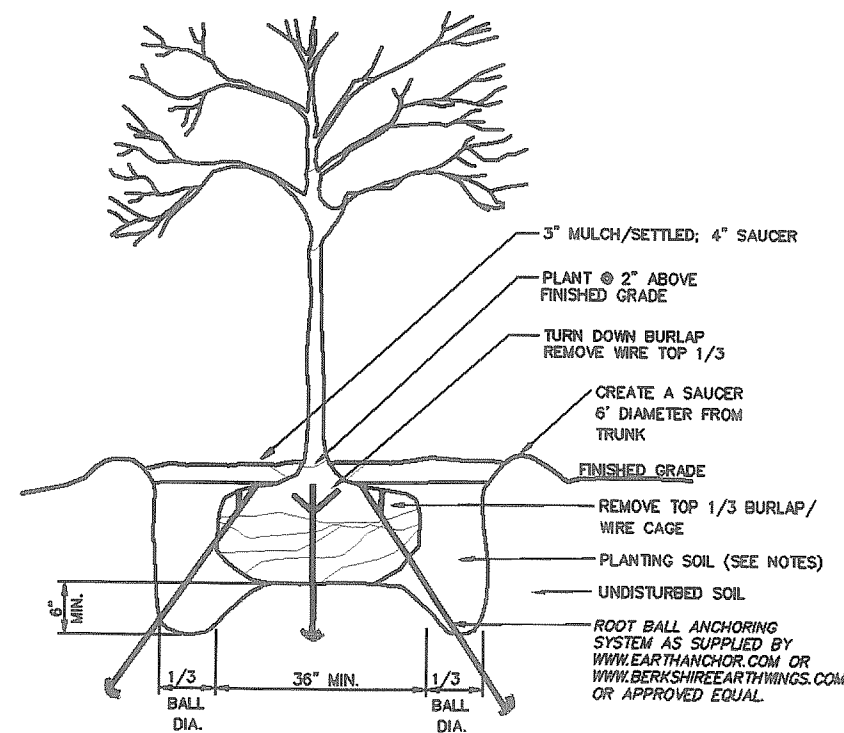
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04.05.11				
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DISTRICT: 1ST				
SECTION: 2ND				
COUNTY: FULTON				
CITY: ROSWELL				
DRAWN: PF				



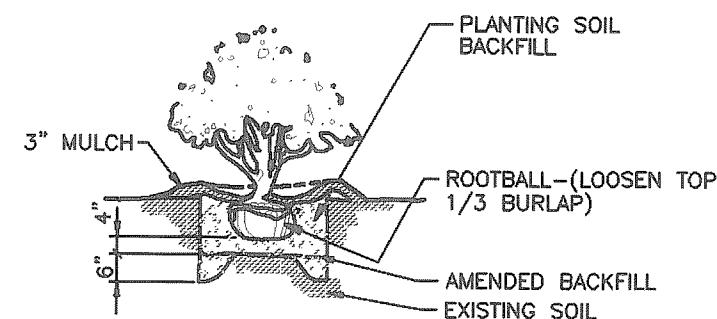
TREE PROTECTION AND LANDSCAPE REPLACEMENT  
FOR:  
ASSURANCE PROPERTY HOLDINGS  
913 FORREST STREET

FRAWLEY ASSOCIATES LLC  
LANDSCAPE ARCHITECTS  
675 SEMINOLE AVE., STE. 101  
ATLANTA, GEORGIA 30307 404-874-5091  
pjfrawley@aol.com www.frawleyassociates.com

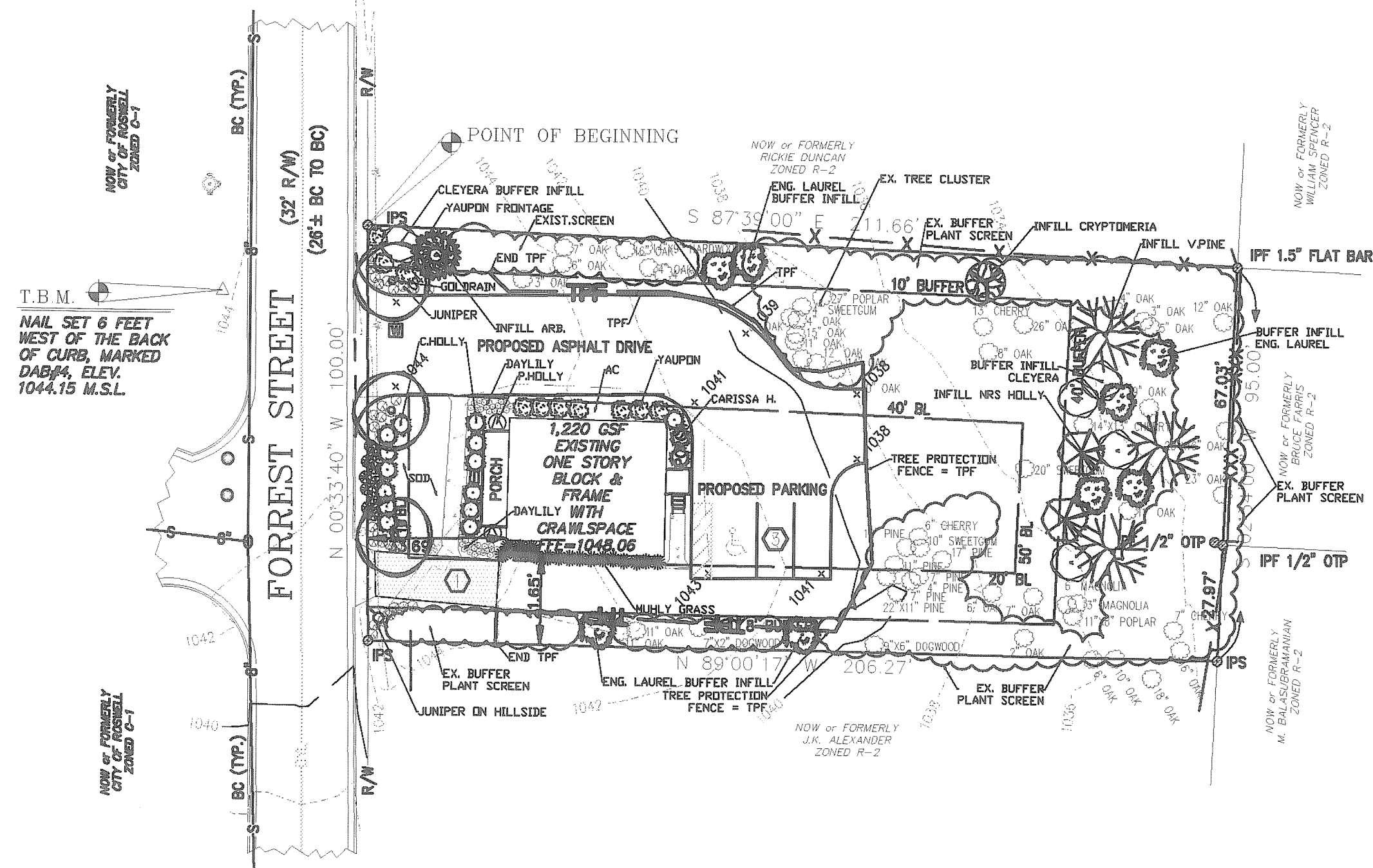
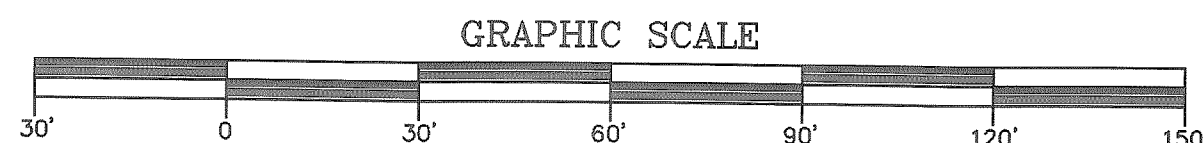
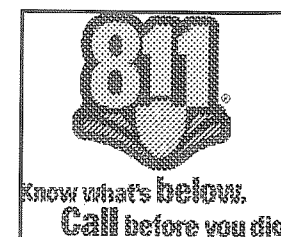
TREES			
	03	Virginia Pine — <i>Pinus virginiana</i>	6' HT. B&B
	01	Japanese Cryptomeria — <i>Cryptomeria japonica</i>	6' HT. B&B
	02	Nellie R. Stevens Holly — <i>Ilex Nellie R. Stevens</i>	6' HT. B&B
	03	Gold Rain Tree — <i>Koelruteria paniculata</i> TREE PLANTING UNDER OVERHEAD WIRES	3" CAL. B&B
	01	Emerald Green Arborvitae — <i>Arborvitae Em. Green</i>	6' HT. B&B
SHRUBS			
	17	<i>Ilex cornuta</i> Carissa — Carissa Holly	N/A 3 GAL
	10	Dwarf Lorapetalum — <i>Lorapetalum chinense rubrum</i> 'Ruby'	N/A 3 GAL
	29	Sargent Juniper — <i>Juniperus sargentii</i>	N/A 1 GAL
	18	<i>Muhlenbergia capillaris</i> — Muhly Grass	N/A 3 GAL
	10	Dwarf Yaupon Holly — <i>Ilex vomitoria nana</i>	N/A 3 GAL
	06	<i>Ternstroemia gymnanthera</i> — Cleyera	N/A 7 GAL
	08	English Laurel — <i>Prunus lauracerausu</i>	N/A 7 gal.
	36	<i>Stella d'ora</i> Daylily — <i>Hemerocallis stella d'ora</i>	N/A 1 GAL
	02	Skypencil Holly — <i>Ilex</i> x 'Skypencil'	6' HT. NA



TREE ANCHOR DETAIL  
NOT TO SCALE



**SHRUB PLANTING**  
NOT TO SCALE



PERMITS: THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES ASSOCIATED WITH THE LANDSCAPE/IRRIGATION INSTALLATION. DO NOT CARRY OUT THE INSTALLATION ON UN-PERMITTED/APPROVED PLANS. THE INSTALLATION SHALL COMPLY WITH ALL LANDSCAPE CONDITIONS ATTACHED TO THE SITE.

FRAWLEY ASSOCIATES LLC (FA) SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION, MEANS, METHODS, TECHNIQUES, OR PROCEDURES UTILIZED BY ANY CONTRACTOR.

UTILITY LOCATION: IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED PRIOR TO ANY DIGGING. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE UTILITIES PROTECTION CENTER IN GEORGIA @ 811, 72 HOURS BEFORE DIGGING, (EXCLUDING HOLIDAYS AND WEEKENDS) AS SPECIFIED IN THE 'CALL-BEFORE-YOU-DIG' LAW.

SIGHT DISTANCES: PROPER SITE DISTANCED SHALL BE MAINTAINED AT ALL DRIVE OPENINGS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY LANDSCAPE OBSTRUCTIONS TO PROPER SITE DISTANCES OF ANY PROPOSED PLANT MATERIAL PRIOR TO INSTALLATION.

CLEANING: THE CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN AND REMOVE/DISPOSE, IN A LEGAL MANNER, FROM THE SITE ALL DEBRIS THAT IS A PART OF THE CONTRACTOR'S OPERATION.

PLANT QUALITY/CRITERIA: ALL TREES SHALL BE OF GOOD QUALITY, FREE OF DISEASE, STRAIGHT TRUNKED, FULL HEADED, SYMMETRICAL AND WELL ROOTED. ALL TREES/SHRUBS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED WITH SIZES AS INDICATED ON THE PLANT LIST OR ON THE DRAWINGS. ALL PLANTS SHALL BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASES. ALL ROOTBALLS, CONTAINERS & HEIGHT TO WIDTH RATIOS SHALL CONFORM TO THE SIZE STANDARDS SET FORTH IN 'AMERICAN STANDARDS FOR NURSERY STOCK' AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSEYMEN. THE CONTRACTOR SHALL ARRANGE AND COORDINATE PLANT APPROVAL 'PRIOR TO INSTALLATION'. THE OWNER/OWNER'S REPRESENTATIVE MAY AT ANY POINT BEFORE, DURING OR AFTER THE INSTALLATION BUT PRIOR TO FINAL ACCEPTANCE REJECT PLANT MATERIAL OR INSTALLATION WHICH DOES NOT COMPLY WITH THE SPECIFICATIONS OF THIS DRAWING. ALL PLANT MATERIAL SHALL BE NUMBER ONE OR BETTER. ALL PLANTINGS SHALL BE MULCHED WITH 4" SETTLED CURRENT CROP PINE STRAW.

PLANT GUARANTEE: ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF TWO YEAR(S) BEGINNING AT FINAL ACCEPTANCE. THE CONTRACTOR SHALL REPLACE ANY PLANT MATERIAL WHICH DIES OR IS IN A DETERIORATING CONDITION DURING THE GUARANTEE PERIOD AND HAS BEEN PROPERLY MAINTAINED, (WHICH INCLUDES PROPER WATERING).

**IRRIGATION:** THE CONTRACTOR SHALL SUBMIT TO THE OWNER A PRICE TO DESIGN AND INSTALL A FULLY AUTOMATIC IRRIGATION SYSTEM FOR THIS LANDSCAPE INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL PAY FOR ALL PERMITS AND FEES. THE LANDSCAPE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A CERTIFICATE OF WARRANTY, REGISTRATION AND WRITTEN GUARANTEE FOR A PERIOD OF TWO YEARS FROM THE DATE OF FINAL ACCEPTANCE. IF AN AUTOMATIC IRRIGATION SYSTEM IS NOT INCLUDED, THE CONTRACTOR IS TO SUPPLY GATOR BAGS AND A WATERING SCHEDULE FOR ALL NEW TREES.

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