CITY OF VESTAVIA HILLS DESIGN REVIEW BOARD AGENDA NOVEMBER 2, 2017 6:00 P.M.

Roll Call.

Approval of minutes – October 5, 2017

(1) **D-1117-15**

TDG Vestavia, LLC is requesting Landscape Review & Final Review of Materials for the property located at 1942 Merryvale Rd. The purpose of this request is renovation of an exsisting buildin. The property is owned by TDG Vestavia, LLC and is zoned Vestavia Hills R-5.

Time of Adjournment.

CITY OF VESTAVIA HILLS

DESIGN REVIEW BOARD

MINUTES

OCTOBER 5, 2017

The Vestavia Hills Landscape and Architectural Control Board met in a regular session on this date at 6:00 PM. The roll was called with the following:

MEMBERS PRESENT: Robert Thompson, Chairman

Joe Ellis Mae Coshatt Jeff Slaton

MEMBERS ABSENT: David Giddens

Chris Pugh Rip Weaver

OTHER OFFICIALS PRESENT: Conrad Garrison, City Planner

APPROVAL OF MINUTES

The minutes for September 7, 2017 were presented for approval.

MOTION

Motion to dispense with the reading of the minutes for September 7, 2017 was made by Mrs. Coshatt and 2nd was by Mr. Ellis. Motion as carried on a voice vote as follows:

Mrs. Coshatt – yes Mr. Ellis – yes

Mr. Slaton – yes Mr. Thompson – yes

Motion carries.

Final Review of Materials

D-0417-05 HD Holdings is requesting Final Review of Materials for the

property located at 3111 & 3115 Timberlake Rd. The purpose of this request is approval for a new building. The property is owned

by HD Holdings and is zoned Vestavia Hills O-1.

Mr. Garrison described the background of the request and stated this was for a paint scheme.

MOTION

Motion to approve Final Review of Materials for the property located at 3111 & 3115 Timberlake Rd. was made by Mrs. Coshatt. Second was made by Mr. Slaton. Voice vote as follows:

Mrs. Coshatt – yes Mr. Ellis – yes Mr. Slaton – yes Mr. Thompson – yes

Motion carries.

Architectural Review and Final Review of Materials

D-0917-11

Traintos Properties, LLC is requesting **Architectural Review and Final Review of Materials** for the property located at **1481 Montgomery Hwy.** The purpose of this request is approval for a portable building. The property is owned by Traintos Properties, LLC and is zoned Vestavia Hills B-2.

Mr. Garrison described the background of the request and stated this was for a new commercial development.

Dean Traintos was present to explain the plan. The Board agreed but requested that the railings be finished.

MOTION

Motion to approve Architectural Review and Final Review of Materials for the property located at 1481 Montgomery Hwy with the condition that the railings be finished was made by Mr. Ellis. Second was made by Mrs. Coshatt. Voice vote as follows:

Mrs. Coshatt – yes
Mr. Slaton – yes
Mr. Thompson – yes
Motion carries.

Landscape Review, Architectural Review, and Final Review of Materials

D-1017-13

Lee & Alberta Wooten is requesting Landscape Review, Architectural Review, and Final Review of Materials for the property located at 3405 Ridgedale Dr. The purpose of this request is approval for a new building. The property is owned by Lee & Alberta Wooten and is zoned Vestavia Hills B-2.

Mr. Garrison described the background of the request and stated this was for a new commercial development.

Mario Moore and Keith Hager were present to explain the plan.

The Board agreed with the overall plan but asked the rear paneling be painted dark.

MOTION

Motion to approve Architectural Review, Landscape Review, and Final Review of Materials with the rear painted dark for the property located at 3405 Ridgedale Dr. was made by Mr. Ellis. Second was made by Mrs. Coshatt. Voice vote as follows:

Mrs. Coshatt – yes
Mr. Slaton – yes
Mr. Thompson – yes
Motion carries.

Final Review of Materials

D-1017-14

Cahaba Cypress, LLC is requesting **Final Review of Materials** for the property located at **3949 Cypress Dr.** The purpose of this request is approval for a new roof. The property is owned by Cahaba Cypress, LLC and is zoned Vestavia Hills B-2.

Mr. Garrison described the background of the request and stated this was for a new commercial development.

Stuart and Cindy Wyatt were present to explain the plan.

Mrs. Coshatt – yes

Mr. Slaton – yes

The Board agreed with the roof but asked that the building painting be reconsidered.

MOTION

Motion to approve Final Review of Materials for the roofinh only for the property located at 3949 Cypress Dr. was made by Mrs. Coshatt. Second was made by Mrs. Ellis. Voice vote as follows:

Mr. Ellis – yes

Mr. Thompson - yes

Motion carries.

Conrad Garrison
City Planner

CITY OF VESTAVIA HILLS DESIGN REVIEW BOARD APPLICATION

I.	APPLICAN	T INFORMATION:								
	Owner of Property (This Section Must Be Completed)									
	Name:	TDG Vestavia, LLC DBA Dobbins Group								
	Address:	2914 Linden Ave								
		Homewood, AL 35209								
	Phone #:	_205-503-4000 Other #:								
	E-Mail:	thornton@dobbinsgroup.net								
	Representing Attorney/Other Agent									
	Name:	_David Blackmon								
	Address:	PO Box 530031								
		Birmingham, AL 35253								
	Phone #:	205-447-1226 Other #:								
	E-Mail:	david@blackmonrogers.com								
II.	DESCRIPTION OF PROPERTY:									
	LOCATION:	1922 Tree Top LN, Vestavia Hills, AL 35216 Street Address Subdivision name, Lot #, Block #, etc.								
ш.	REASONS FOR REQUEST:									
	1. () 2. (x) 3. (x) 5. () 6. ()	Preliminary Review Landscape Review Architectural Review Final Review of Materials Other - Explain								
IV.	PROCESS:									
	1. () 2. (X) 3. () 4. () 7. ()	New Building Renovation of Existing Building New Landscape Plan Renovation to Existing Landscaping Plan Other - Explain								
V	ZONING									
	Vestavia Hill	s Zoning for the subject property is								
VI.	OWNER AFFIDAVIT:									

Owner Signature/Date

Given under my hand and seal this __/8 day of ___/20_17 .

Notary Public

My commission expires ____/20_71 .

My commission expires ____/20_71 .

STEVEN R. CHESTER My Commission Expires ____/20_71 .

Review Requirements

The following information and exhibits shall be provided and presented on your proposed project for review. The Board will review the three project components at the meeting. The Board must approve all three components before any permit is issued. A design professional, owner, or owner representative with knowledge of design elements and project provisions should represent the project to the committee.

in with the or

General:

Provide fifteen copies plus one 8½" by 11" copy of all drawings or plans required below for review. Drawings must be to scale. These drawings should be turned in with the application.

- Architectural Review
 - Site plan showing roadways, entrances, exits and parking.
 - Building elevations showing construction material, material colors, context, and protrusions. Color rendering is preferred. Roof design must be detailed.
 - Presentation by architect or owner with knowledge of compatibility with adjacent structures, city context, etc.
- Landscape Review
 - Site plan showing contours, drainage containment areas, parking spaces, sidewalks, buffers, site lighting and details, etc.
 - b. Landscape plan showing planting materials, designations, size, potted planting, window boxes, vines, etc. Trees will be identified by botanical name, quantity, and caliper. Shrubs will be identified by botanical name, quantity, and container size. Differentiate between existing and new landscaping.
 - c. Parking lots: Provide calculations of total square footage and square footage designated for landscaping. Indicate handicapped spaces. Indicate size of parking spaces.
 - Irrigation plan for all landscaped areas.
 - Statement of maintenance policy and provisions.



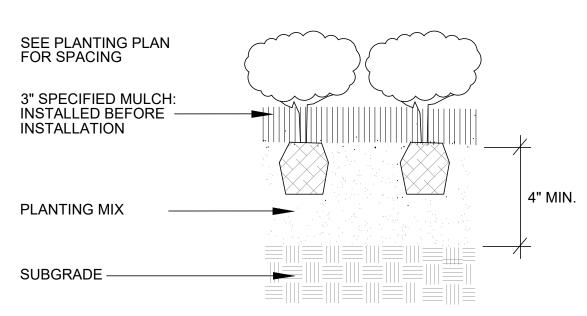
Treetop Proposed Color Scheme



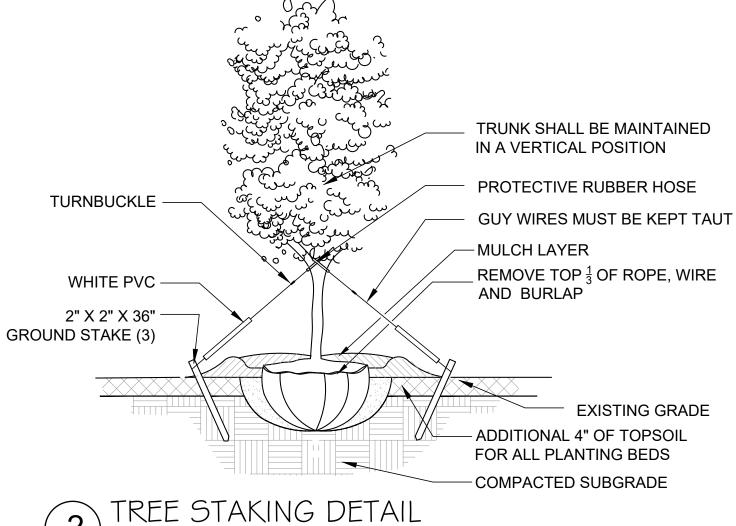
Proposed Clubhouse renovations 10/11/17

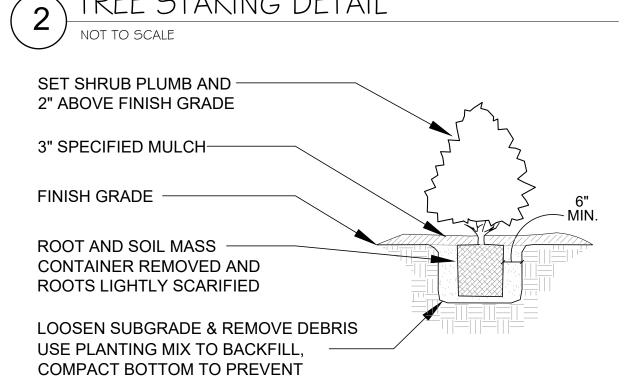
Tree Top Apartments Vestavia Hills, Alabama

BLACKMON ROGERS ARCHITECTS LLC



GROUND COVER DETAIL





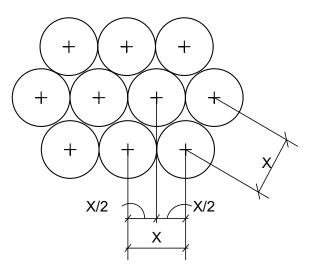


SETTLING

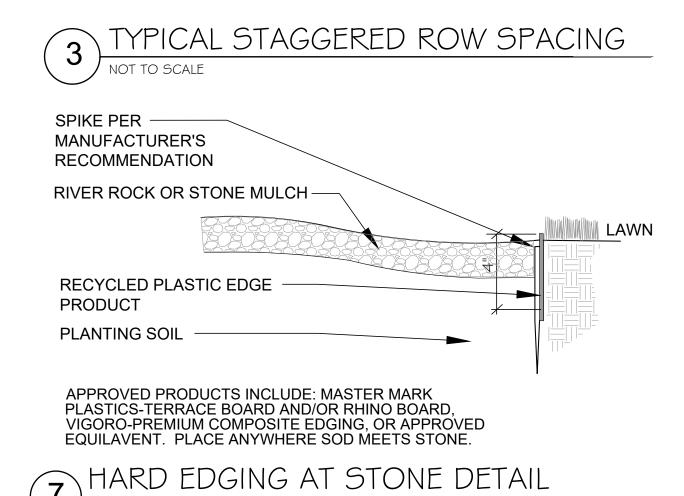
PLANT SCHEDULE

PLANT SPECIES, SIZE, SPACING, PLANT QUALITY, ETC. IS SAME FOR BASE BID AND ALL ALTERNATES

	BOTANICAL NAME	COMMON NAME	CALIP/ CONTAINER	MIN. SIZE	SPACE	COMMENTS	APPROVED SUBSTITUTION
QTY	TREES			WXH			
RB	Betula nigra 'Heritage'	River Birch	25 GAL	5' x I O'	varies	full canopy	
HORN	Carpinus caroliniana	Fastigata Hornbeam	3" cal	4' x l 4'	varies	full canopy	Fastigata Sweet Gum
FPRB	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud	2" cal	4' x l 2'	varies	full canopy	
EBH	llex cornuta 'Emily Brunner'	Emily Brunner Holly	7' ht	4'x 4'	25'	straight trunk	Mary Nell Holly
NCM	Lagerstroemia indica 'Natchez'	Natchez Crape Myrtle	IO'ht	6'-8'	varies	3 cane min. Full canopy	Muskogee cultivar
MAG	Magnolia viginiana 'Claudia Wannamaker'	Claudia Magnolia	8'-10'	5' x I 4'	varies	full canopy	
	Quercus phellos	Willow Oak	4" cal	3.5' x I 4'	varies	Full canopy, straight leader	Nutall Oak
PIST	Pistacia chinensis	Chinese Pistache Tree	3" cal	4' x 4'	varies	Full canopy, straight leader	
BCYP	Taxodium distylium	Bald Cypress	8'-10' ht	5' mın.	varies	full with straight leader	
DSA	Thuja occidentalis 'Degroots Spire'	Degroots Arborvitae	5'-6' ht	24" w	6' oc	Do not cut leader	Emerald Arborvitae
	SHRUBS	<u> </u>					
CIRON	l Aspidistra elatior	Cast Iron Plant	l gal	16" ht	18" oc		
RCA	Abelia grandiflora 'Rose Creek'	Rose Creek Abelia	3 gal	18" ht	3' oc		
WGB	Buxus 'Wintergreen'	Wintergreen Boxwood	7 gal	20" ht	3' oc		Dwarf Yaupon Holly
BGBOX	Buxus 'Baby Gem'	Baby Gem Boxwood	3 gal	16" ht	30" oc		
SHIC	Camellia sasanqua 'shi shi'	Shı Shı Camellia	7 gal	18" HT	3.5' oc		
PCOT	Cotoneaster parneyı	Parneyi Cotoneaster	7 gal	3' ht	4.5' oc		Lauren Camellia
NBH	Hydrangea arboresa 'Nikko Blue'	Nikko Blue Hydrangea	3 gal	15"	4' oc		
LQFH	Hydrangea panıculata 'Little Quick Fire'	Little Quick Fire	3 qal	15" ht	3' oc		Little Lime
SVHY	IY Hydrangea paniculata 'Strawberry Vanilla' Strawberry Vanilla Hydrangea			18" ht	4' oc		
OLH	Hydrangea quercifolia	Oakleaf Hydrangea	3 qal	18" ht	4' oc		
	llex chinensis 'Needlepoint'	Needlepoint Holly	7 gal	42" ht	3' oc		
DYH	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	3 gal	20" ht	3' oc		
SCM	Mahonia 'Soft Caress'	Soft Caress Mahonia	3 gal	16" HT	3' oc		
NAN	Nandına domestıca 'Gulf Stream'	Dwarf Nandina	3 gal	12' ht	30" oc		Obsession Nandina
TOLV	Osmanthus	Tea Olive	7 gal	4' ht	5' oc		
PITT	Pittosporum tobira 'Wheeler's dwarf'	Variegated Pittosporum	3 gal	18" ht	3.5' oc		
CFL	Loropetalum chinensis 'Crimson Fire'	Crimson Fire Loropetalum	3 gal	15" ht	3' oc		
GTA	Rhododendron 'George Tabor'	George Tabor Azalea	3 gal	15"	4' oc		
ROSE	Rosa	Carefree Rose	3 gal	15" ht	3' oc		
AWS	Spirea bumaldi 'Anthony Waterer'	Anthony Waterer Spirea	3 gal	15"	3' oc		Goldmound Spirea
	GROUNDCOVER						
MONDC	1 1 3	Mondo Grass	4" pot	6" HT	10" oc		
BBL	Liriope muscari 'Big Blue'	Big Blue Liriope	l gal	IO" ht	15" oc		
MUHL	Muhlenbergia capalaris	Pink Muhly Grass	l gal	I 6" ht	3' oc		'Morning Light' Miscanthu
WJAS	Jasminum nudiflorum	Winter Jasmine	l gal	12" ht	30" oc		Showy Jasmine
	SOD						
VFY	Zoysıa spp. 'Emerald'	Emerald Zoysia grass				Free of weeds, whole pieces	
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NOTES: 1. SEE PLANTING PLANS FOR SHRUB & GROUNDCOVER BED AREAS. 2. ROWS SHALL BE STRAIGHT & PARALLEL 3. SPACING SHOWN ON PLANT SCHEDULE (X).



PLANTING NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ALL LANDSCAPE WORK OUTLINED IN PLANS.

NOT TO SCALE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE INSPECTION PRIOR TO CONSTRUCTION AND INSTALLATION IN ORDER TO ACQUAINT HIMSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION.

CONTRACTOR SHALL LAYOUT ALL PLANT MATERIAL FOR THE LANDSCAPE ARCHITECT APPROVAL. A MINIMUM OF 48 HOURS NOTICE SHOULD BE GIVEN FOR THIS REVIEW.

ALL PLANT MATERIAL SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN UNLESS OTHERWISE SPECIFIED.

PLANTS SHALL BE WELL FORMED. VIGOROUS GROWING SPECIMENS WITH GROWTH TYPICAL OF VARIETIES SPECIFIED AND SHALL BE FREE FROM INJURY, INSECTS AND DISEASES. PLANTS SHALL EQUAL OR SURPASS QUALITY AS DEFINED IN THE CURRENT ISSUE OF "AMERICAN STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERYMEN, INC.

TREE PROTECTION: ALL TREES NOTED ON PLANS TO REMAIN, THAT FALL WITHIN THE CONSTRUCTION LIMITS, SHALL BE PROTECTED FROM ALL CONSTRUCTION DAMAGE. INSTALL ORANGE TEMPORARY FENCING 10' IN ALL DIRECTIONS FROM TRUNK OF TREE.

PRODUCTS

TOPSOIL SHALL BE FREE OF SUBSOIL, BRUSH, ORGANIC LITTER, OR OBJECTIONABLE WEEDS, CLAY, CLOTS, STUMPS, STONES, ROOTS OR OTHER MATERIAL HARMFUL TO PLANT GROWTHS OR HINDRANCE TO PLANTING OR MAINTENANCE OPERATIONS. IF REGENERATIVE MATERIALS ARE PRESENT IN THE SOIL, CONTRACTOR SHALL ERADICATE AND REMOVE SUCH GROWTH, BOTH SURFACE AND ROOT, WHICH MAY APPEAR IN THE MATERIAL WITHIN ONE YEAR FOLLOWING ACCEPTANCE OF THE WORK. TOPSOIL SHALL NOT BE HANDLED IN A FROZEN MUDDY CONDITION. THE ACIDITY RANGE SHALL BE BETWEEN 5. AND 7. INCLUSIVE.

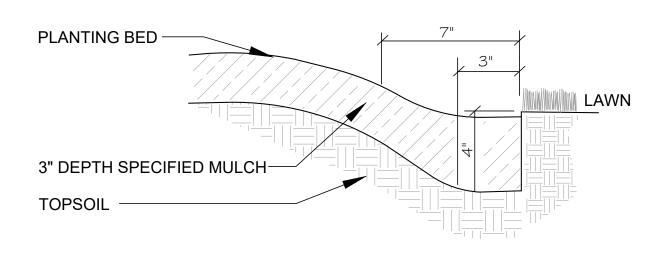
STOCKPILE MATERIAL THAT DOES NOT MEET THE REQUIREMENTS MAY, AT THE OPTION OF THE CONTRACTOR, BE IMPROVED BY SCREENING AND THE ADDITION OF ORGAINIC MATTER AND CHEMICAL ADMIXTURES.

THE CONTRACTOR SHALL AMEND ALL PLANTING AREAS WITH 50% TOPSOIL, AS PREVIOUSLY STATED AND 50% PREPARED ADDITIVIES BY VOLUME AS FOLLOWS: 3 PARTS HUMUS (FOREST PEAT) 1 PART STERILIZED MANURE, COMMERCIAL FERTILIZER, AND LIME. COMPONENTS SHALL BE THOROUGHLY MIXED TO UNIFORM CONSISTENCY, PROPER DRAINAGE SHALL BE OBTAINED IN ALL AREAS. DO NOT BACKFILL HOLES WITH EXISTING SUB-GRADE.

WATER CRYSTALS SHALL BE TERRA-SORB MEDIUM GRADE HYDROGEL, OR EQUIVALENT. HYDROGEL SHALL BE INCLUDED IN PLANTING HOLES OF TREES AND SHURBS NOT COVERED BY IRRIGATION.

ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL OR REFUSAL BY THE OWNER'S REPRESENTATIVE AT THE JOB SITE. ONLY APPROVED SUBSTITUTIONS MADE.

SOD SHALL BE 100% SPECIFIED, FREE OF WEEDS, FRESHLY DUG.



NOTE:TRENCH EDGE SHALL BE LOCATED BETWEEN ALL PLANTING BEDS AND LAWN AREAS UNLESS OTHERWISE NOTED TO RECEIVE PLASTIC EDGING.



1. DURING PROJECT CONSTRUCTION, ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION SHOULD BE MAINTAINED. IN THE EVENT THAT CONSTRUCTION OF THE PROJECT IS HALTED, PROVISIONS SHOULD BE MADE BY THE CONTRACTOR TO PROVIDE CONTINUED MAINTENANCE FOR THE PROJECT

2. 4" MINIMUM OF TOPSOIL WILL BE PLACED IN ALL PLANTING AREAS, 2" MINIMUM IN SOD AREAS WITH A MIN. OF 2% POSITIVE DRAINAGE

3. SET PLANTS 2-4" HIGHER THAN SURROUNDING GRADE.

4. ALL TREE TAGS SHALL BE REMOVED FOLLOWING FINAL PUNCH LIST

5. PROVIDE A WATER PERCOLATION TEST FOR ALL TREE PITS. FILL EACH TREE PIT WITH WATER; IF WATER DOES NOT PERCOLATE OUT WITHIN 12 HOURS, PROVIDE TREE PIT DRAINAGE. AUGER A 12" DIAMTER HOLE 4'-0" DOWN, AT THE BOTTOM OF TREE PIT AND FILL WITH CRUSHED STONE. TEST AGAIN FOR PROPER PERCOLATION.

6. FRONT ROW OF SHRUBS SHALL BE PLANTED MINIMUM 24" BEHIND BED LINE @ LAWNS OR WALKS AND MINIMUM 36" BACK OF CURB @ PARKING SPACES. BACK ROW OF SHRUB PLANTING SHALL BE PLANTED @ 36" OFF FACE OF BUILDING WALL. GROUND COVERS SHALL BE 12" OUT FROM BUILDING.

7. ALL AREAS SHALL HAVE SMOOTH CONTINUOUS GRADE BETWEEN FIXED CONTROLS SUCH AS WALKS AND CURBS. ROLL, SCARIFY, RAKE AND LEVEL AS NECESSARY TO OBTAIN TRUE, EVEN AND FIRM SURFACES. ALL FINISHED GRADES SHALL MEET APPROVAL BEFORE SOD OR SEEDING OPERATIONS BEGIN.

8. EXCAVATE TRENCH EDGE AT ALL PLANTING BEDS TO 4" DEPTH TO FORM A NEAT CRISP DEFINITION. ANYWHERE STONE MULCH OR STONE FIELDS MEET SODDED AREAS, A HARD EDGING PRODUCT SHALL BE INSTALLED.

ALL PLANTING BEDS AND TREE PITS SHALL BE MULCHED WITH A 3" SETTLED LAYER

PINE STRAW, LONG LEAF OR LOBLOLLY PINE PREFERRED, CONTRACTOR TO ROLL **EDGES**

9. DELIVERY OF SOD SHALL BE SCHEDULED TO ALLOW LAYING OF SOD WITHOUT DELAY. NO SOD SHALL REMAIN STACKED LONGER THAN 24 HOURS. NO SOD SHALL OVERLAP AND IT SHALL BE WATERED AS NECESSARY TO KEEP MOIST, LAY SOD SO THAT NO VOIDS OCCUR.

SOD SHALL BE TAMPED AND ROLLED BY HAND METHODS. THE COMPLETED SURFACE SHALL BE TRUE TO FINISH GRADE, EVEN AND FIRM AT ALL POINTS.

DO NOT MOVE, OR ALLOW ANYONE ELSE TO MOVE, HEAVY OBJECTS OVER AREAS TO BE SODDED AFTER THE SOIL HAS BEEN PREPARED, OR AFTER SOD HAS BEEN INSTALLED.

10. A SATISFACTORY STAND OF GRASS IS DEFINED AS A COVER OF LIVING GRASS OF SPECIFIED SPECIES, AFTER TRUE LEAVES ARE FORMED IN WHICH NO GAPS LARGER THAN 5 INCHES SQUARE OCCUR.

11. ALL PLANTING PITS SHALL BE DOUBLE THE SIZE OF THE ROOTBALL OR CONTAINER. AMEND THE SOIL IN THE PLANT PIT AS PREVIOUSLY STATED.

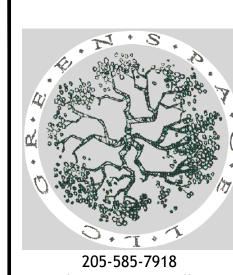
12. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTED MATERIAL FOR ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.

13. PROJECT SITE SHALL BE KEPT CLEAN OF TRASH, DEBRIS AND CONSTRUCTION MATERIALS. COORDINATE APPROVED LOCATIONS FOR THE STORAGE OF MATERIALS WITH THE OWNER'S REPRESENTATIVE.

ACCEPTANCE AND GUARANTEE MAINTAIN ALL LANDSCAPE WORK UNTIL SUBSTANTIAL COMPLETION IS GIVEN BY THE OWNER.

THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OR APPROPRIATENESS OF THE INSTALLATION PROCEDURES UNDERTAKEN BY ANY CONTRACTOR AND NOT RESPONSIBLE FOR JOB SAFETY.

THE LANDSCAPE CONTRACTOR GUARANTEE COVERS A PERIOD OF ONE YEAR BEGINNING FROM THE DATE OF SUBSTANTIAL COMPLETION. AT THE CLOSING OF THAT PERIOD, THE PLANT MATERIAL SHALL BE HEALTHY AND THRIVING.



jennafer@greenspace-llc.com

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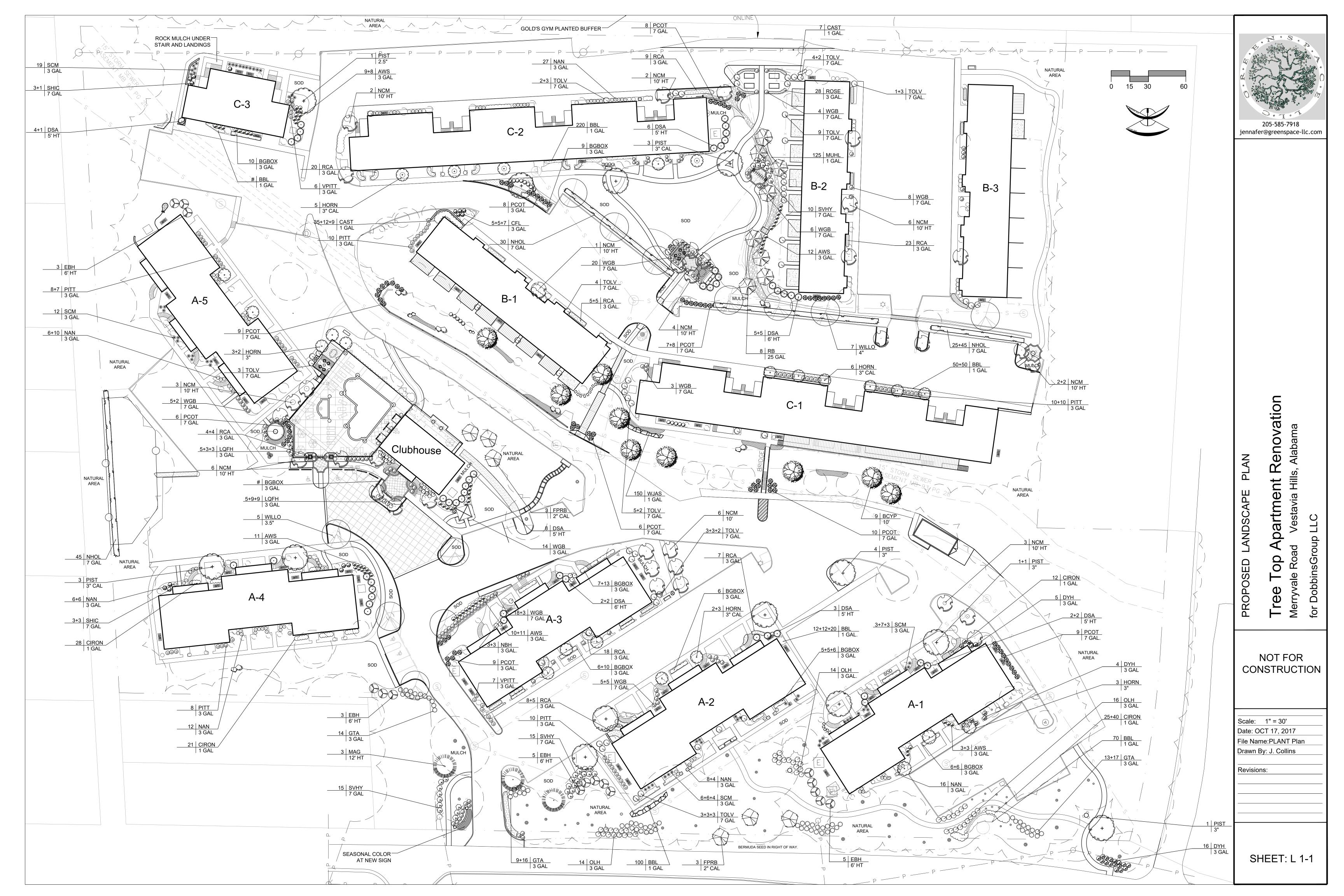
NOT FOR CONSTRUCTION

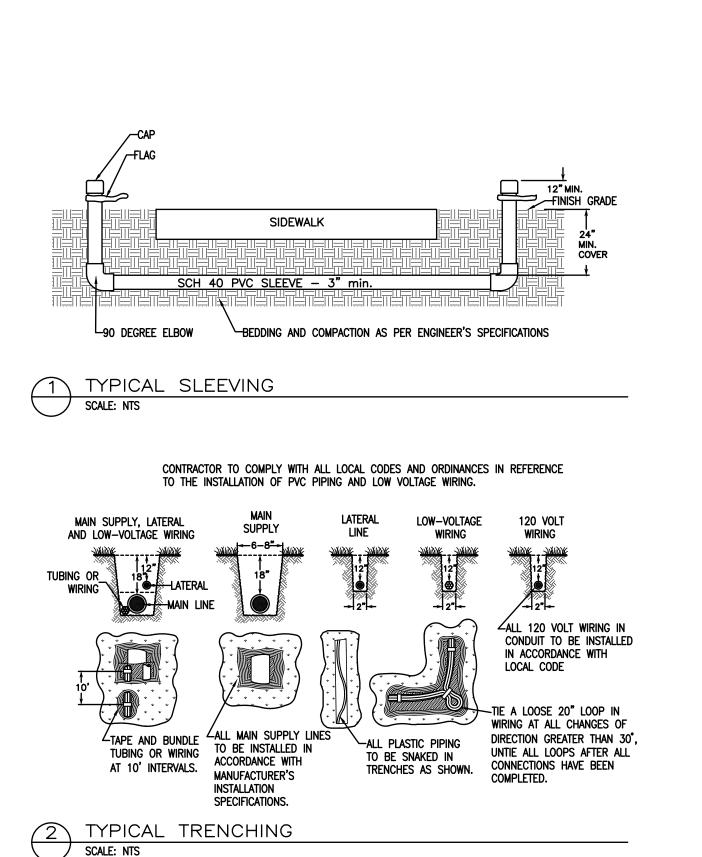
File Name:PLANT Plan
Drawn By: J. Collins
Revisions:

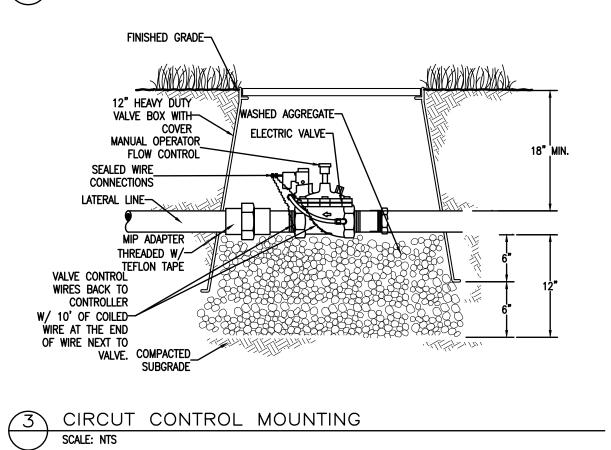
NO SCALE

Date: OCT 17, 2017

SHEET: L 2-0







ALL MAINLINES TO HAVE A MINIMUM OF 18" OF COVER.
 ALL PIPE TO BE INSTALLED AS PER MANUFACTURERS' SPECIFICATIONS.
 ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID

4. SPRINKLER AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS.
5. ALL ELECTRICAL JOINTS TO BE MADE USING WATERPROOF CONNECTIONS

- 5. ALL ELECTRICAL JOINTS TO BE MADE USING WATERPROOF CONNECTIONS6. NO ELECTRICAL CONNECTIONS SHALL BE MADE IN THE FIELD EXCEPT AT A VALVE CONTROL BOX OR ANOTHER VALVE BOX SPECIFICALLY FOR
- 7. ALL 24 VOLT WIRE SHALL BE #12 UF/UL FOR COMMON WIRE, AND #14
 UF/UL FOR CONTROL WIRES, DIRECT BURIAL, SOLID COPPER.
- UF/UL FOR CONTROL WIRES, DIRECT BURIAL, SOLID COPPER.

 8. CONTRACTOR SHALL PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 3/4" PIPE 12 TIMES).
- 9. CONTRACTOR TO UTILIZE APPROPRIATE AUTOMATIC DRAIN DEVICE
 WHERE LOW HEAD DRAINAGE MAY OCCUR AND WHERE LINES
 ARE BROUGHT ABOVE GRADE AND RISK OF FREEZING IS PRESENT.
- 10. ALL SPRINKLERS TO BE MOUNTED ON 12" FUNNY PIPE OR SWING JOINTS.
 11. CONTRACTOR SHALL INSTALL A SEPARATE COMMON FOR EACH CONTROLLER.
 12. 24 VOLT WIRE SHALL BE COLOR CODED; COMMON—WHITE, CONTROL—RED.
 13. CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDED GROUNDING EQUIPMENT FOR POWER SUPPLY AND VALVE OUTPUT WITH (2) 5/8"
- COPPER CLAD GROUND RODS.

 14. CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDATION ON FAULT GROUND AND LIGHTNING PROTECTION.

1 IRRIGATION NOTES

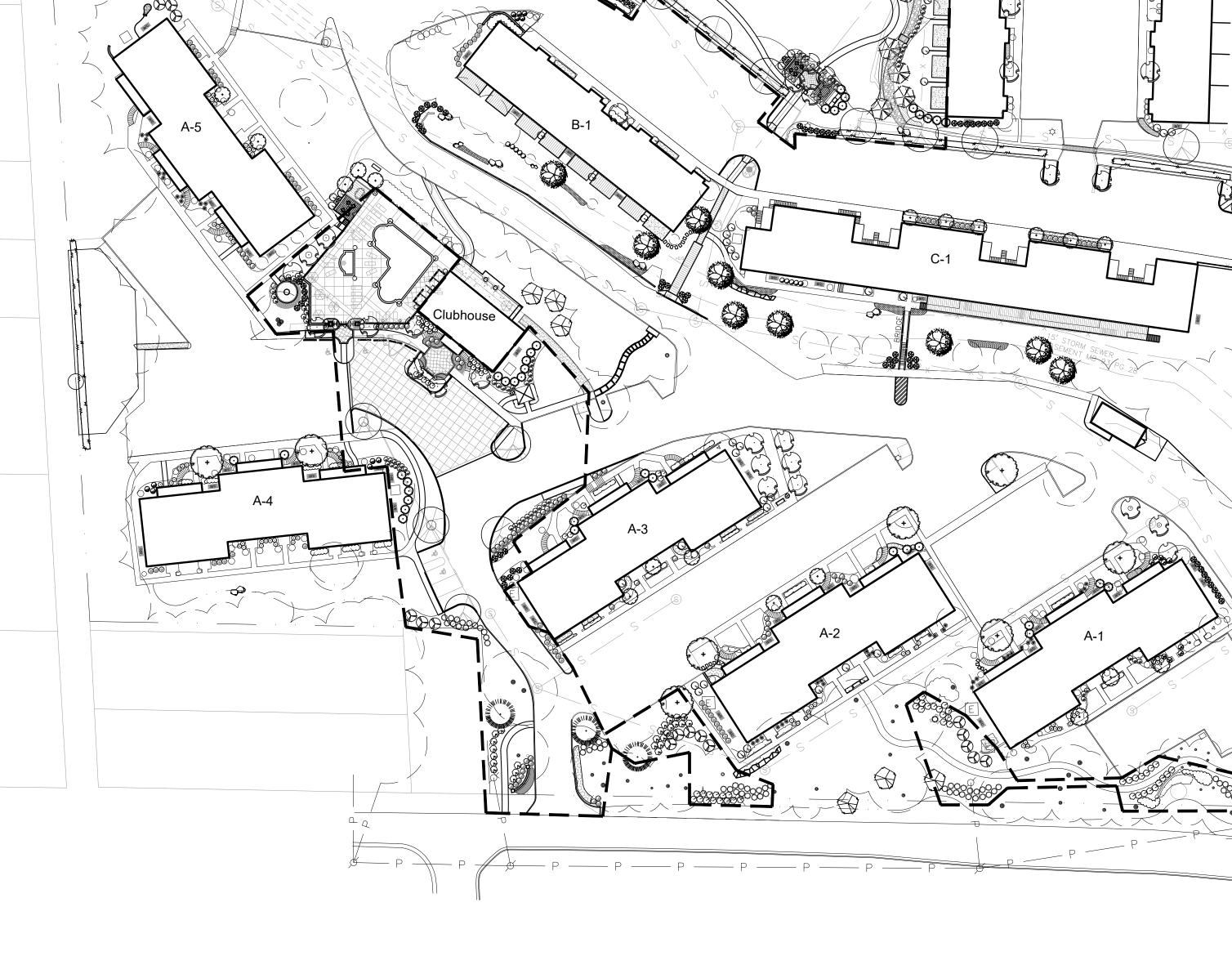
- 15. ADDITIONAL MATERIAL TO BE SUPPLIED BY CONTRACTOR:

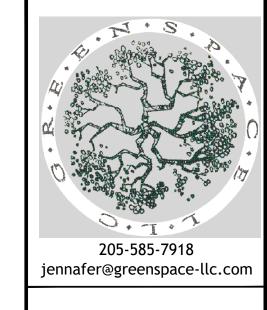
 A. TWO WRENCHES FOR DISASSEMBLING AND ADJUSTING EACH TYPE
 OF SPRINKLER HEADS AND VALVE SUPPLIED.
 - B. TWO KEYS FOR EACH OF THE AUTOMATIC CONTROLLERS.
 C. TWO QUICK COUPLER KEYS WITH MATCHING HOSE SWIVELS.
 D. AS-BUILT PLANS
- 16. ALL IRRIGATION EQUIPMENT TO BE INSTALLED ACCORDING TO DETAILS.17. CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.
- 18. CONTRACTOR SHALL INSTALL SPRINKLER EQUIPMENT 12" FROM FOUNDATIONS ALSO INSTALL SPRINKLERS 4" FROM CURB OR WALKS.
- 19. ALL MAIN AND LATERAL LINE PIPING TO BE SCHEDULE 40 PVC. 20. ADHERE TO LOCAL PLUMBING AND ELECTRICAL REQUIREMENTS.
- 21. SPRAY HEADS IN LAWN AREAS WILL BE 4" POP-UP HEIGHT,
- SPRAY HEADS IN SHRUB AREAS WILL BE 12" POP-UP HEIGHT.
 22. ALL SOD SHALL BE ZONED SEPARATELY FROM SHRUB AND
- SEASONAL COLOR ZONES.
 23. INSTALL ALL LINES UNDER ROADWAYS AND SIDEWALKS IN SCHEDULE 40 PVC
- SLEEVES WITH LOCATOR TAPE, PER SLEEVING DIAGRAM.

 24. SYSTEM DESIGN SHALL ALLOW ENTIRE PLANTED AREA TO BE IRRIGATED
- WITH 3/4" OF WATER ONCE EVERY THREE DAYS.
- 25. CONTROLLER AND HEAD SHALL BE: RAINBIRD, HUNTER OR APPROVED
- EQUIVALENT MANUFACTURER

 26. ALL APPLICABLE CODES AND REGULATIONS SHALL BE MET.

 27. COORDINATE LOCATION OF BACKFLOW PREVENTER AND CONTROLLER WITH SITE





IRRIGATION LIMITS AND NOTES

IRRIGAT Tree Theory Merryval for Dobb

do

Scale: 1" = 50'
Date: OCT 17, 2017
File Name:PLANT Plan
Drawn By: J. Collins

Revisions:

SHEET: L 1-2

