

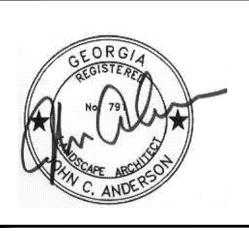
HOMEGOODS, INC.

REVISIONS

D. DATE DESCRIPTION

7-22-13 CITY COMMENTS

7-31-13 ISSUED FOR BID/ PERM



ANDERSON DESIGN LANDSCAPE ARCHITECTURE P.O. BOX 491632

P.O. BOX 491632 LAWRENCEVILLE, GA 30049 T: 770.277.1157 F: 770.995.9023 E: andersondesign@bellsouth.net

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DATE: JUNE 24, 2013

JOB #: 13-616

FILE: 13-616 LC-1

SHEET: L O.1

TREE PROTECTION NOTES

1. ALL TREE PROTECTION FENCING AND EROSION CONTROL MEASURES TO BE INSTALLED PRIOR TO LAND DISTURBANCE.

2. FOR SILT FENCE DETAIL AND ADDITIONAL EROSION CONTROL DETAILS. SEE SEDIMENT AND EROSION CONTROL DETAIL SHEET.

3. TREE PROTECTION AREAS:

A. THE ROOT SYSTEM WITHIN THE DRIPLINE IS GENERALLY CONSIDERED TO BE THE CRITICAL ROOT ZONE. TO PROTECT THESE CRITICAL ROOT ZONES, A TREE PROTECTION AREA SHALL BE ESTABLISHED AROUND EACH TREE OR GROUP OF TREES TO BE RFTAINFD.

1) THE TREE PROTECTION AREA SHALL INCLUDE NO LESS THAN THE TOTAL AREA BENEATH THE TREE CANOPY AS DEFINED BY THE DRIPLINE OF THE TREE OR GROUP OF TREES COLLECTIVELY.

2) LAYOUT OF THE PROJECT SITE UTILITY AND GRADING PLANS SHALL AVOID DISTURBANCE OF THE TREE PROTECTION AREAS.

3) CONSTRUCTION SITE ACTIVITIES SUCH AS PARKING, MATERIALS STORAGE, CONCRETE WASHOUT, BURNHOLE PLACEMENT, ETC. SHALL BE ARRANGED AS TO PREVENT DISTURBANCES WITHIN THE TREE PROTECTION AREAS.

B. PROTECTIVE BARRIERS

1) PROTECTIVE TREE FENCING, STAKING OR CONTINUOUS RIBBON SHALL BE INSTALLED BETWEEN THE TREE PROTECTION AREAS AND AREAS PROPOSED TO BE CLEARED. GRADED OR OTHERWISE DISTURBED ON THE SITE, PRIOR TO ANY LAND DISTURBANCE.

2) ALL TREE PROTECTION AREAS ARE RECOMMENDED TO BE DESIGNATED AS SUCH WITH "TREE SAVE AREA" SIGNS POSTED IN ADDITION TO THE REQUIRED PROTECTIVE FENCING, STAKING OR CONTINUOUS RIBBON. SIGNS REQUESTING SUBCONTRACTOR COOPERATION AND COMPLIANCE WITH THE TREE PROTECTION STANDARDS ARE RECOMMENDED FOR SITE ENTRANCES. 3) ALL TREE PROTECTION AREAS MUST BE PROTECTED FROM

SOIL SEDIMENTATION INTRUSION THROUGH THE USE OF SILT

SCREENS OR OTHER ACCEPTABLE MEASURES PLACED UP-SLOPE FROM THE TREE PROTECTION AREA. 4) ALL PROTECTIVE TREE FENCING. STAKING OR CONTINUOUS RIBBON AND ALL EROSION CONTROL BARRIERS MUST BE INSTALLED PRIOR TO AND MAINTAINED THROUGHOUT THE LAND DISTURBANCE AND CONSTRUCTION PROCESS, AND SHOULD NOT BE REMOVED UNTIL FINAL LANDSCAPING IS INSTALLED.

ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.

WOODEN POSTS NOTES: SHALL BE 2" DIA. MINIMUM OVERLAP OF SECTIONS MIN. OR 2"X2" NOM. DISTANCE OF FENCING FROM CENTER OF TREE IS INDICATED ON PROJECT TREE PRESERVATION PLAN. BRIGHT ORANGE POLYETHYLENE FENCE FABRIC VISUAL BARRIER SIGN EVERY 100 FEET TREE PROTECTION **PROTECTION** TREE PROTECTION FENCE DETAIL AREA ____Tr___ DO NOT (SYMBOL SHOWN ON PLAN) ENTER ZONA DE PROTECCIONE DE ARBOL **NO ENTRAR WEATHERPROOF** SIGN MATERIAL LETTERS MINIMUM 4" HEIGHT 6' MIN.-8' MAX. O.C BRIGHT ORANGE SAFETY FENCE TENAX BEACON OR APPROVED TREE PROTECTION RIBBON NO GRADING, SILTATION OR EQUIPMENT & MATERIAL

TREE DENSITY CALCULATIONS

TOTAL PROPERTY ACREAGE: 104.66 AC. TOTAL DISTURBED AREA: 83.4 ACRES TREE SAVE AREA: 12.0 ACRES PREVIOUSLY DISTURBED/ RE-VEGETATED AREA: 9.26 ACRES

104.66 ACRES X 20 TREE UNITS/AC = 2,093 TDU's REQUIRED PRESERVED TREE UNITS = 8,436 TDU's (DENSITY SATISFIED)

SPECIMEN TREE REPLACEMENT UNITS = 167.4 (BASED UPON THE SUBSTANTIAL SURPLUS OF PRESERVED TREE UNITS, REQUESTING TO USE EXISTING TREE UNITS TO COUNT TOWARDS SPECIMEN REPLACEMENT.)

F							
		SPECIMEN TREES					
	REMOVE	<u>)</u>					
	DIAM.	SPECIES	TREE UNITS				
	26"	POPLAR	7.2				
	8"	DOGWOOD	3.0				
	13"	DOGWOOD	4.5				
	24"	OAK	6.3				
	24"	SWEETGUM	6.6				
	36"	POPLAR	8.4				
	26"	OAK	7.2				
	24"	OAK	6.6				
	28"	POPLAR	7.7				
	28"	OAK	7.7				
	52"	OAK	14.3				
	12"	CHERRY	4.2				
	300 INCH	ES REMOVED	83.7 DENSITY UNITS REMOVED 83.7 X 2= 167.4 DENSITY UNITS REQUIRED FOR RECOMPENSE				
	SAVED						
	DIAM.	SPECIES					
	28"	BEECH					
	28"	BEECH					
	29"	OAK					
	30"	OAK					
	24"	POPLAR					
	32"	POPLAR					
	32"	POPLAR					
	30"	POPLAR					
	51"	POPLAR					
		HES SAVED					

LANDSCAPING NOTES

- 1. Street trees are required along all new public and private streets within commercial, industrial, or residential subdivisions. Street "A" will require street trees. See section 16.3.13 for tree guidelines.
- 2. Ten-foot landscape strips are required adjacent to right-of-way; and ten-foot landscape strips are required adjacent to side property lines.
- 3. Front landscape strips shall be planted with a minimum of one shade tree and 10 shrubs per 35 linear feet of street frontage, excluding driveway openings (Section 16.4.1)
- 4. Side landscape strips shall be planted with one tree and three shrubs for each 35 linear feet of side property. (Section 16.4.2.)
- 5. For interior parking islands, at least one tree with a minimum two-inch caliper shall be planted. (Section 16.4.3.)
- 6. Screening shall be provided in all zoning buffers along side and rear lot
- 7. A landscape plan shall be required for the <u>issuance of a development</u> permit. (Section 16.4.6.)

lines. See Section 16.4.4. for screening specifications.

LANDSCAPING PROVISIONS & SPECIFICATIONS

1. <u>Visibility:</u> Landscaping shall not restrict visibility of motorists or pedestrians (e.g., tall shrubs or low-lying branches of trees. (Section 16.4.5.(a))

2. <u>Clearance:</u> Trees must have a clear trunk at least six (6) feet above finished grade to allow a safe clearance beneath the tree. (Section 16.4.5.(b))

3. <u>Curb Stops:</u> A curb or wheel stop shall be provided along interior parking lot landscape islands, perimeter landscape strip, and landscapes adjacent to street right-of-ways, when necessary, to prevent cars from encroaching on trees, shrubs, and landscapes, as approved by the Zoning Administrator.

4. The use of native plants as landscaping materials is encouraged wherever possible (Section 16.4.7(a))

5. Invasive or potentially invasive plants are not permitted. However, well-mannered non-native plants are acceptable if they are not considered invasive (Section 16.4.7.(b)) 6. Existing tree cover and natural vegetation shall be preserved, whenever possible, or replaced with suitable vegetation. (Section 16.4.7.(c))

7. Ground cover(s) should be used to supplement landscaping in appropriate areas to reduce the need for extensive grass lawns, which would require regular watering in drought conditions. (Section 16.4.7.(d))

8. Grass areas shall be sodded. However, if grass seed must be used, it shall be a variety suitable to the area that produces complete coverage (Section 16.4.7.(e))

9. No artificial plants, trees, or other vegetation shall be installed. (Section 16.4.7.(f)) 10. Table 16.4.1 provides a planting list to facilitated the selection of appropriate landscaping. The Zoning Administrator may disapprove species not on the approved list. (Section 16.4.7.(a))

PLANTING NOTES

association of nurserymen.

utilities prior to starting work. 2. The landscape contractor shall supply all plant material in quantities

sufficient to complete the planting shown on all drawings.

1. The landscape contractor shall locate and verify the existence of all

- 3. All material shall conform to the guidelines established by the current american standards for nursery stock, published by the american
- 4. No plant shall be put into the ground before rough grading is complete.
- 5. All plants shall bear the same relationship to finished grade as the plant's original grade before digging.
- All plants shall be balled and wrapped or container grown as specified. no container grown stock will be accepted if it is root bound. all root wrapping material made of synthetic or plastics shall be removed at the time of planting.
- 7. No plant material will be accepted if it is damaged, diseased or inadequate in size as specified on plans. General contractor or owner will have the ability to refuse plant material if the above standards
- 8. At planting time, all plants shall be pruned for optimum appearance and design intent by eliminating tall shoots, dead wood and suckers.
- 9. All plants shall be installed as per details.

are not met.

- 10. The landscape contractor shall provide fertilizer, pre-emergent, lime, stocked topsoil as per the installation specifications.
- 11. Bedlines shall have a 3" deep shovel cut trench edge where mulch meets grass, concrete walks or curbs unless otherwise specified. Bedlines shall be smooth and continuous and be within a reasonable location and shape as illustrated on plans.
- 12. Berm planting areas as noted on plans. Use topsoil stockpiled during
- 13. Place a minimum 3" of mulch over all planting beds; pine straw for all shrub beds and shredded bark for all seasonal color beds, unless otherwise specified. Tuck mulch under plants and into bedline
- 14. Landscape contractor is responsible for clean up of all containers, pallets, debris, etc. resulting from his work.
- 15. All plants shall be watered thoroughly twice during the first 24—hour period after planting, all plants shall then be watered weekly or more often as necessary to maintain the equivalent of one inch of absorbed water per week. Landscape contractor is responsible for watering through a 90-day maintenance period.
- 16. All plants and grass shall be warranted for one (1) year. Warranty does not include acts of nature or vandalism.

LANDSCAPING CALCULATIONS

	ROAD FRON	TAGE LAI	NDSCAPE STRIP		
ROADWAY	LENGTH	TREES	SHRUBS **		
GEORGIA ROUTE 82	1,941 L.F.	56	280	33 PROPOSED, 27 EXISTING TREES PROVIDED	280 SHRUBS PROVIDED
RACO PARKWAY	953 L.F.	28	140	20 PROPOSED, 8 EXISTING TREES PROVIDED	140 SHRUBS PROVIDED
LOGISTICS CENTER PARKWAY	2,555 L.F.	73	365	60 PROPOSED, 13 EXISTING TREES PROVIDED	365 SHRUBS PROVIDED

** ROAD FRONTAGES ALL HAVE REQUIRED MINIMUM 3' DROP TO PARKING AREAS FOR REDUCED SHRUB QUANTITIES TO 5 PER 35 L.F.

10' SIDE L	DE LANDSCAPE STRIPS			
LENGTH	TREES	SHRUBS		
1,158	**	**		
696	**	**		
1,012	**	**		
1,253	**	**		

** THESE LANDSCAPE STRIPS ARE CONTAINED IN UNDISTURBED STREAM OR ZONING BUFFERS. THE OWNER/DEVELOPER IS REQUESTING TO USE EXISTING TREES TO SATISFY THE REQUIREMENTS FOR LANDSCAPE STRIPS FOR ONLY THE PORTION THAT IS CONTAINED IN THE BUFFER.

1. FRONT LANDSCAPE STRIPS REQUIRE ONE TREE AND 5 SHRUBS PER 35 LINEAR FEET.

SIDE LANDSCAPE STRIPS REQUIRE ONE TREE AND THREE SHRUBS PER 35 LINEAR FEET. 2. ALL TREES AND SHRUBS SHALL BE CHOSEN FROM THE QUAD CITIES LAND USE MANAGEMENT CODE, TABLE 16.4.1 (APPROVED LANDSCAPE PLANTING LIST). 3. ALL PROPOSED PARKING LOT TREES SHALL BE A MINIMUM OF TWO-INCH CALIPER IN SIZE.

PARKING SPACES TREES 600 99

REQUIRED NOTES:

CONTACT CITY HALL AT (706) 367-5121 TO ARRANGE A PRE-CONSTRUCTION CONFERENCE WITH THE CITY ARBORIST PRIOR TO ANY LAND DISTURBANCE

ALL TREE PROTECTION MEASURES SHALL BE INSTALLED AND INSPECTED PRIOR TO THE START OF ANY LAND DISTURBANCE AND MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED. CALL CITY HALL AT (706) 367-5121FOR AN INSPECTION BY THE CITY ARBORIST

NO PARKING, STORAGE, OR ANY OTHER CONSTRUCTION ACTIVITIES ARE TO OCCUR WITHIN TREE PROTECTION AREAS THE TREE INSTALLATION CONTRACTOR SHALL CONTACT THE CITY ARBORIST TO SCHEDULE AN INSPECTION OF REPLACEMENT TREES AT (706) 367-5121 AFTER TREES ARE DELIVERED TO THE SITE AND PRIOR TO THEIR INSTALLATION.

A MAINTENANCE INSPECTION OF TREES WILL BE PERFORMED AFTER TWO FULL GROWING SEASONS FROM THE DATE OF THE FINAL CONSTRUCTION INSPECTION. PROJECT OWNERS AT THE TIME OF MAINTENANCE INSPECTION ARE RESPONSIBLE FOR ORDINANCE COMPLIANCE.

TREE PROTECTION ZONE SHALL CONSIST OF A CONCENTRIC CIRCLE, EXTENDING OUT FROM THE TRUNK TO A RADIUS EQUAL TO 1.5 FEET FROR EVERY INCH OF TREE DIAMETER

ALL PROTECTIVE FENCING MAY BE REMOVED ONLY AFTER THE PERMISSION OF THE ZONING ADMISTRATOR OR DESIGNEE

SAMPLE AREA (50' X 50')

DENSITY UNITS TOTAL UNITS (4) 4" HARDWOODS (3) 6" HARDWOODS (4) 8" PINES (1) 12" HARDWOOD 5.3 (1) 16" HARDWOOD 5.7 (1) 18" HARDWOOD **40.4 DENSITY UNITS**

X = 703 UNITS PER ACRE

703 UNITS X 12.0 ACRES OF TREE SAVE = 8,436 UNITS TOTAL

REVISIONS DESCRIPTION

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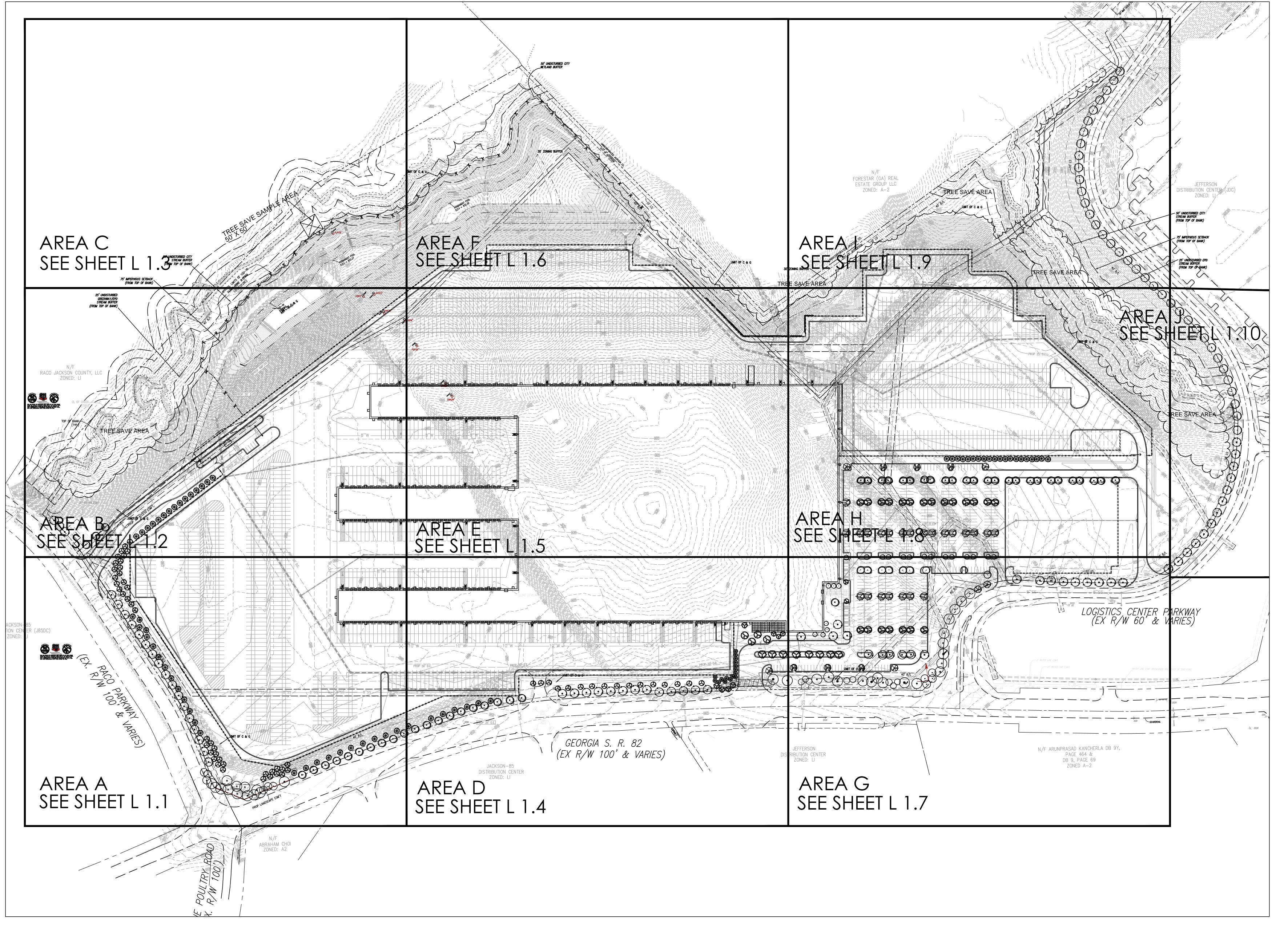
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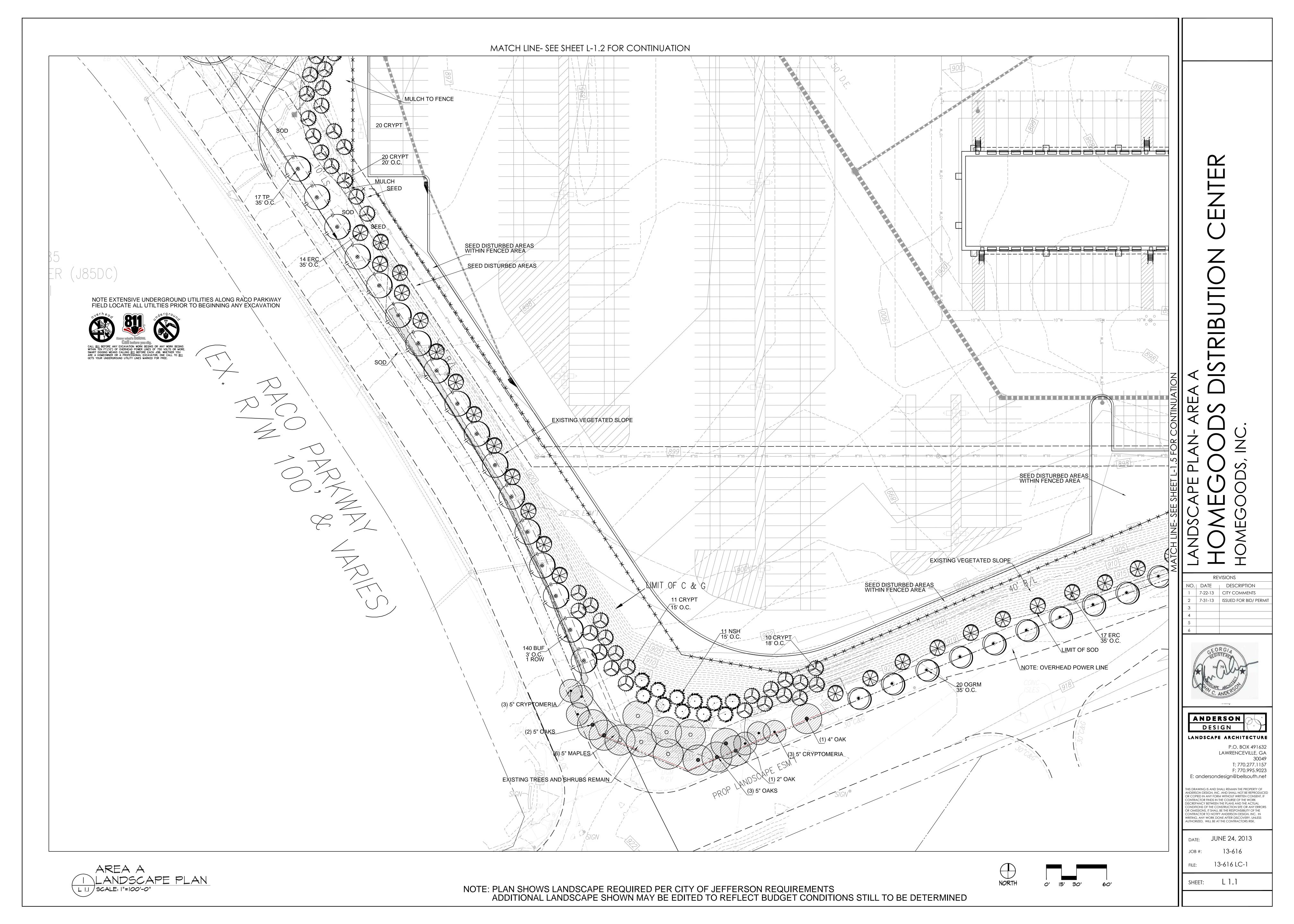
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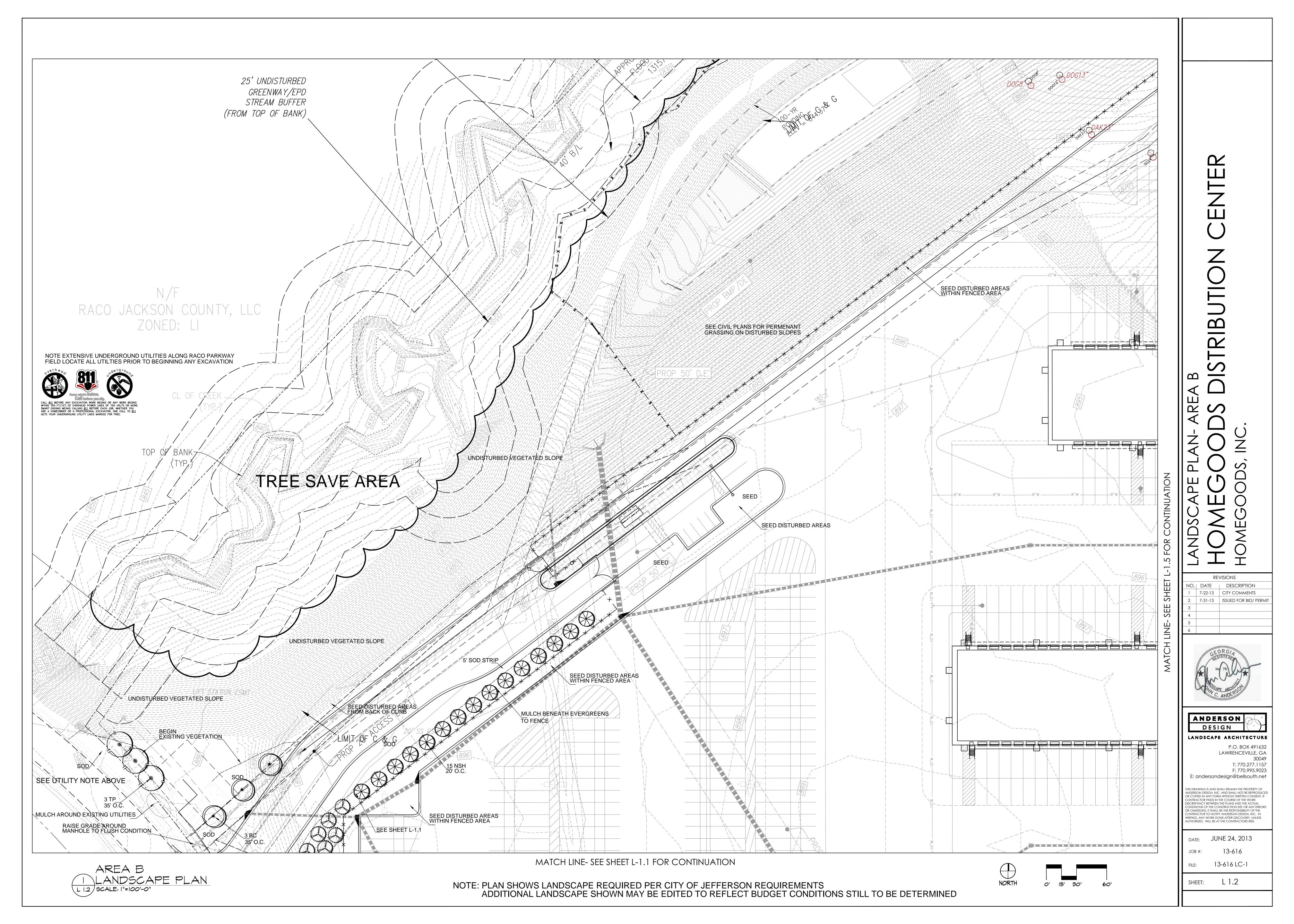
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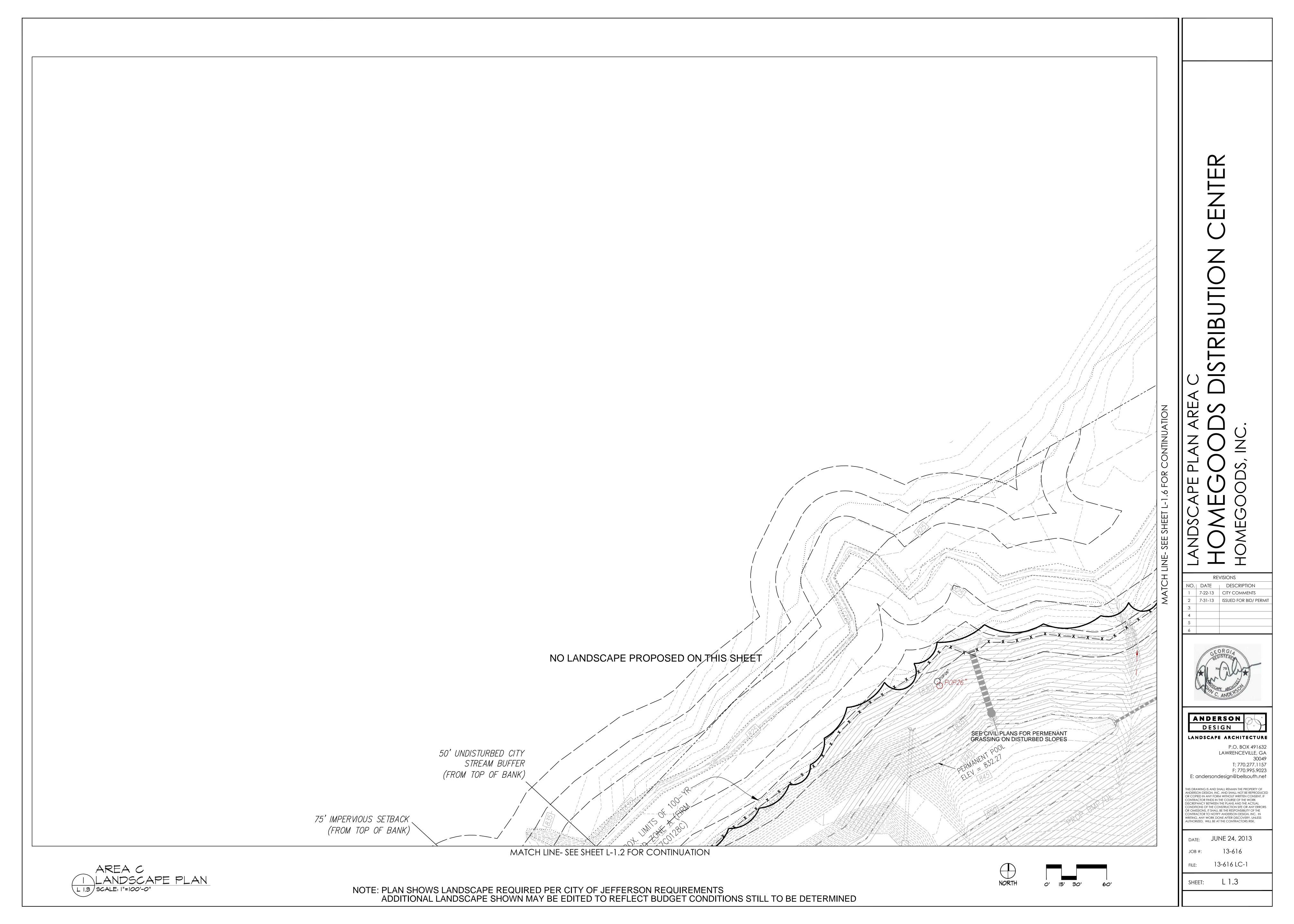
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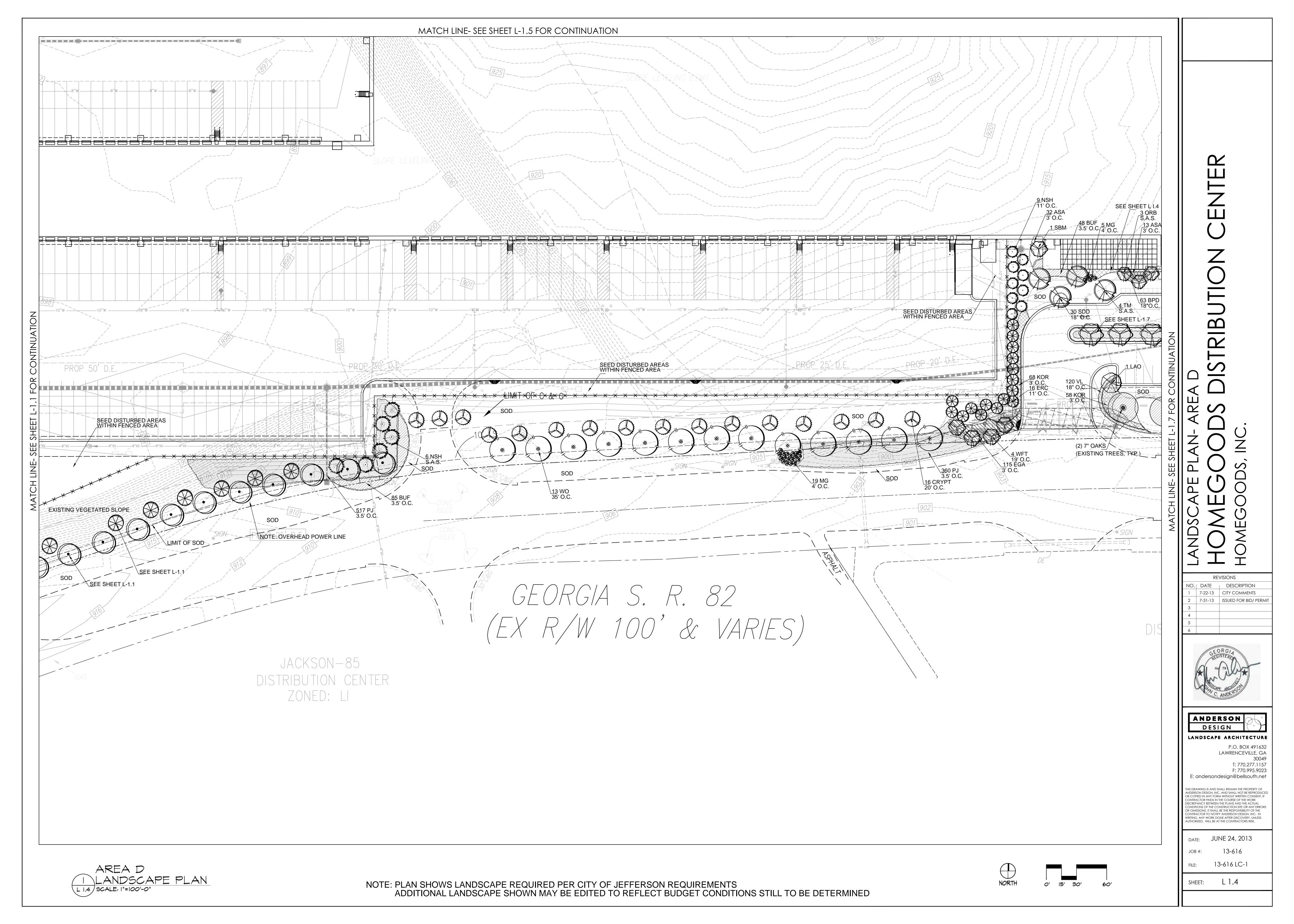
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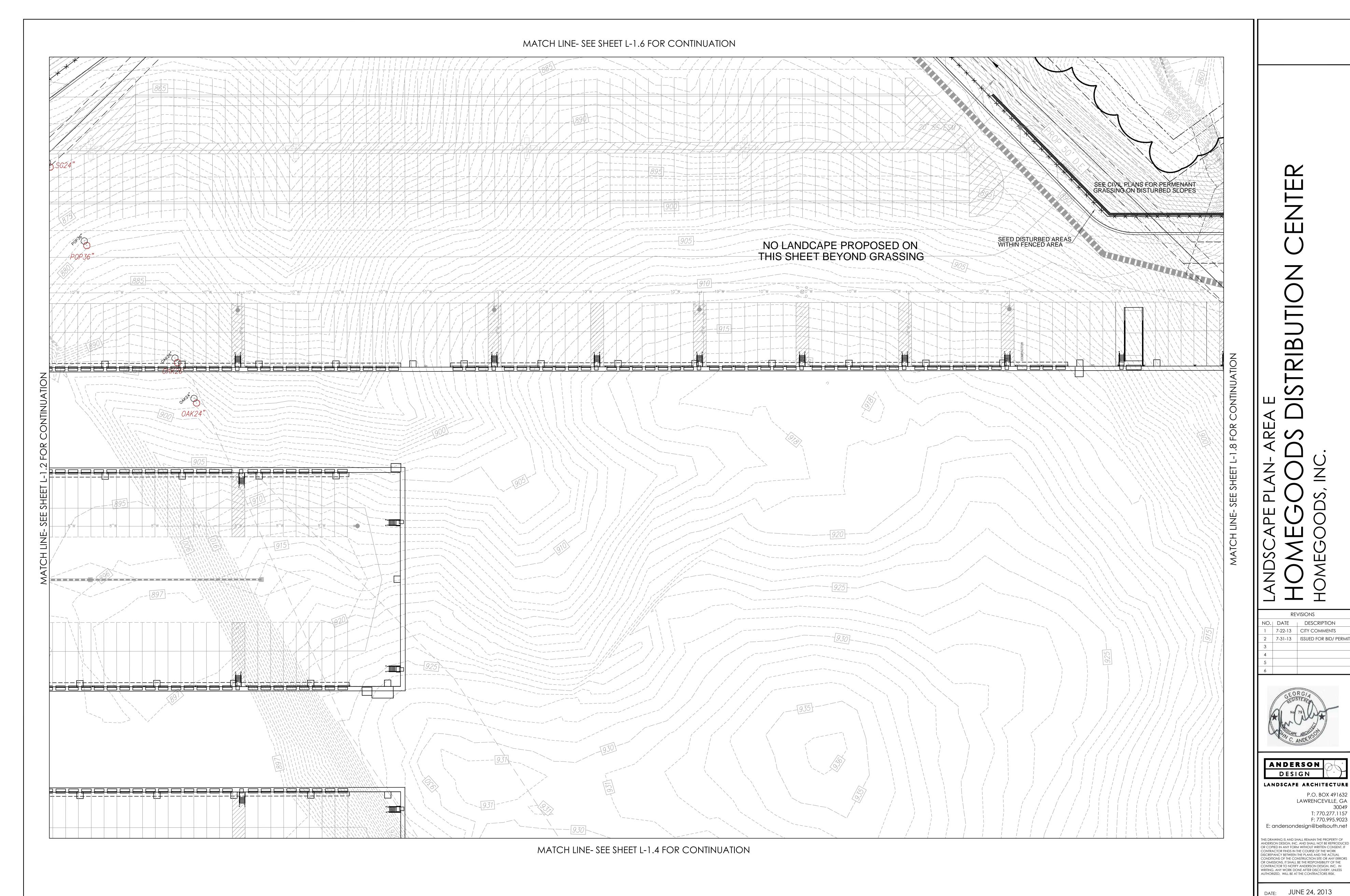
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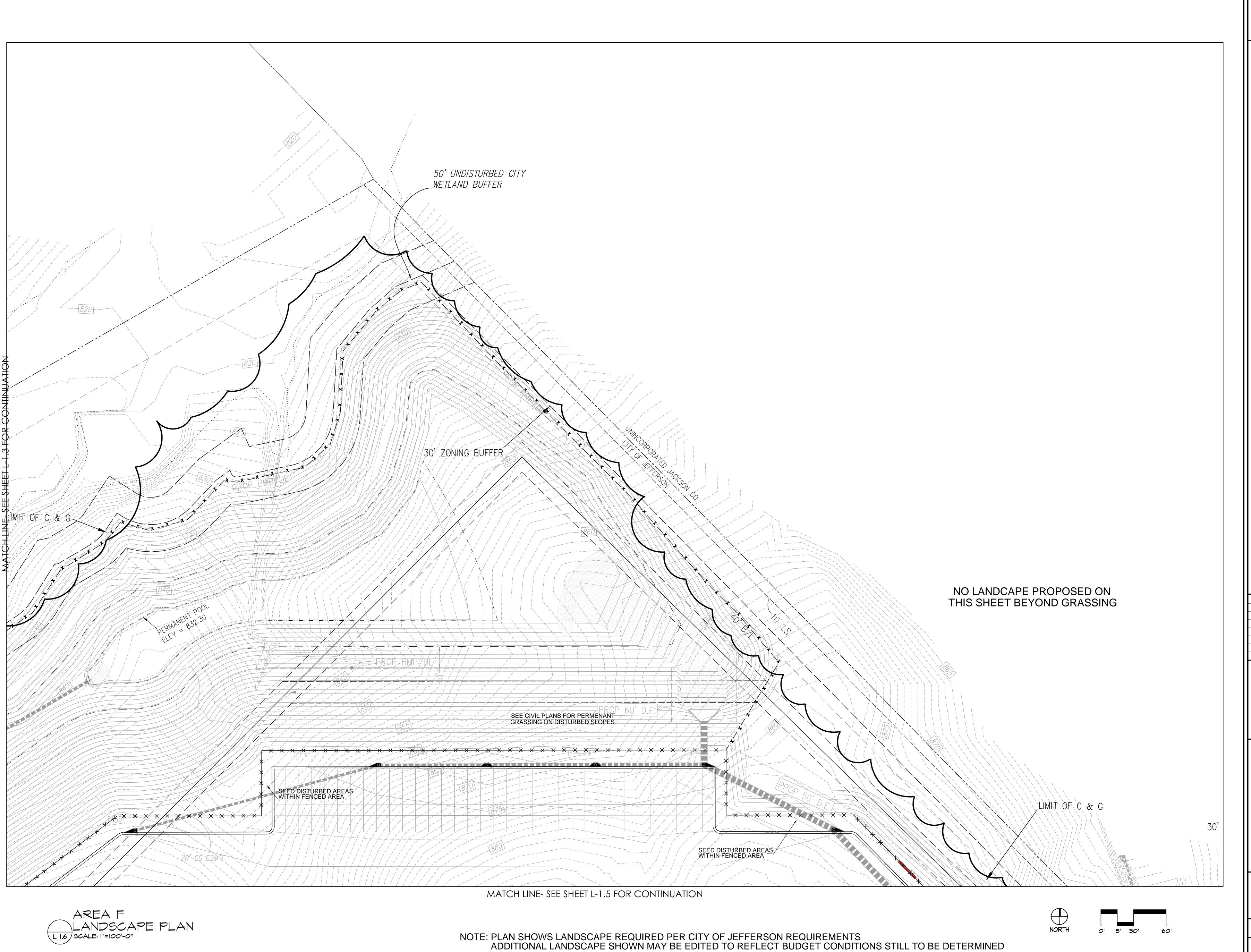
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JOB #:

SHEET:

NOTE: PLAN SHOWS LANDSCAPE REQUIRED PER CITY OF JEFFERSON REQUIREMENTS ADDITIONAL LANDSCAPE SHOWN MAY BE EDITED TO REFLECT BUDGET CONDITIONS STILL TO BE DETERMINED

AREA E LANDSCAPE PLAN



HOMEGOODS, INC.

GEORGIA GEGISTERE NO 79

PHASCAPE ARCHITECT

ANDERSON
DESIGN

LANDSCAPE ARCHITECTURE
P.O. BOX 491632
LAWRENCEVILLE, GA
30049

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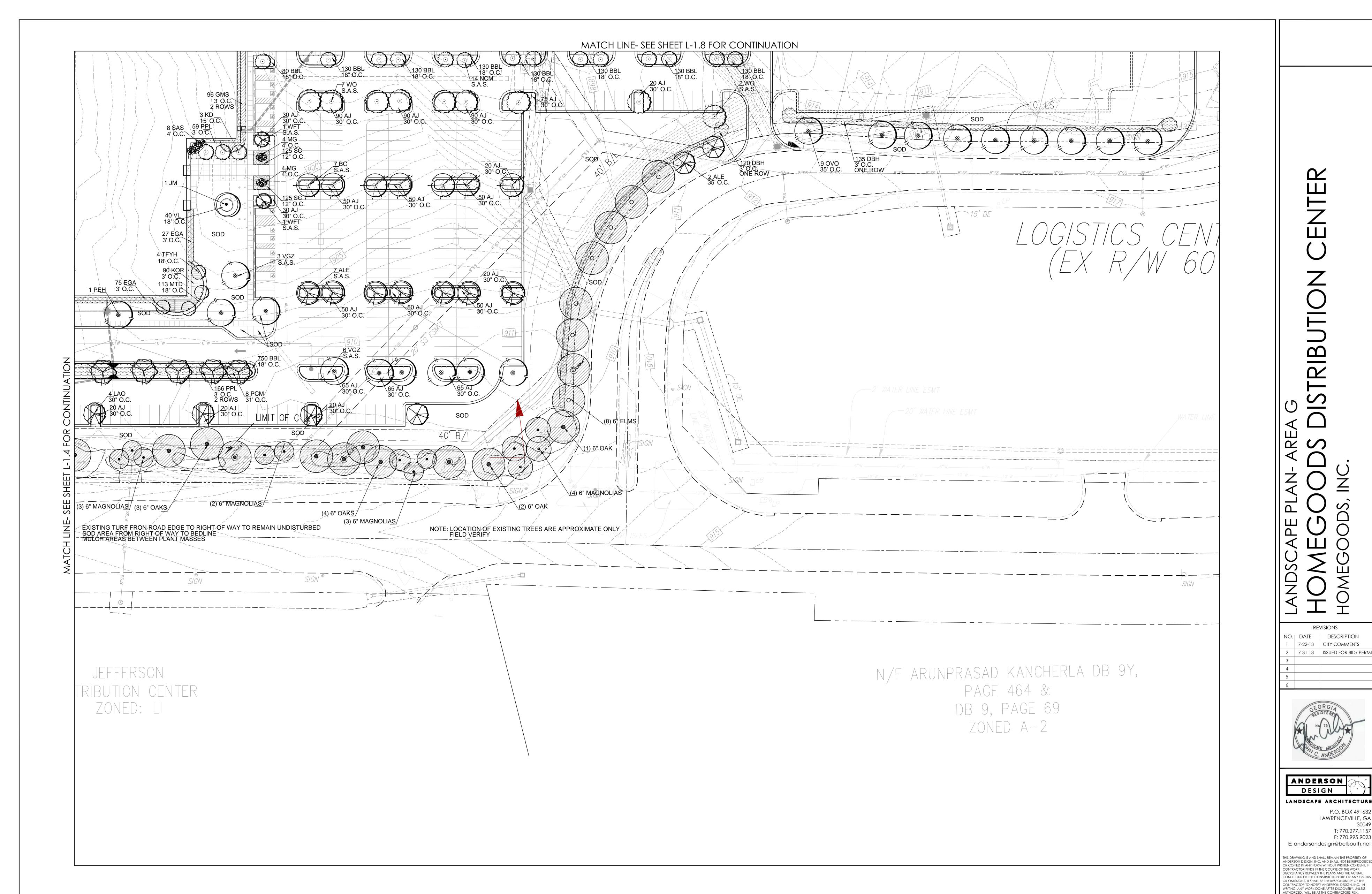
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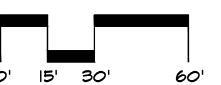
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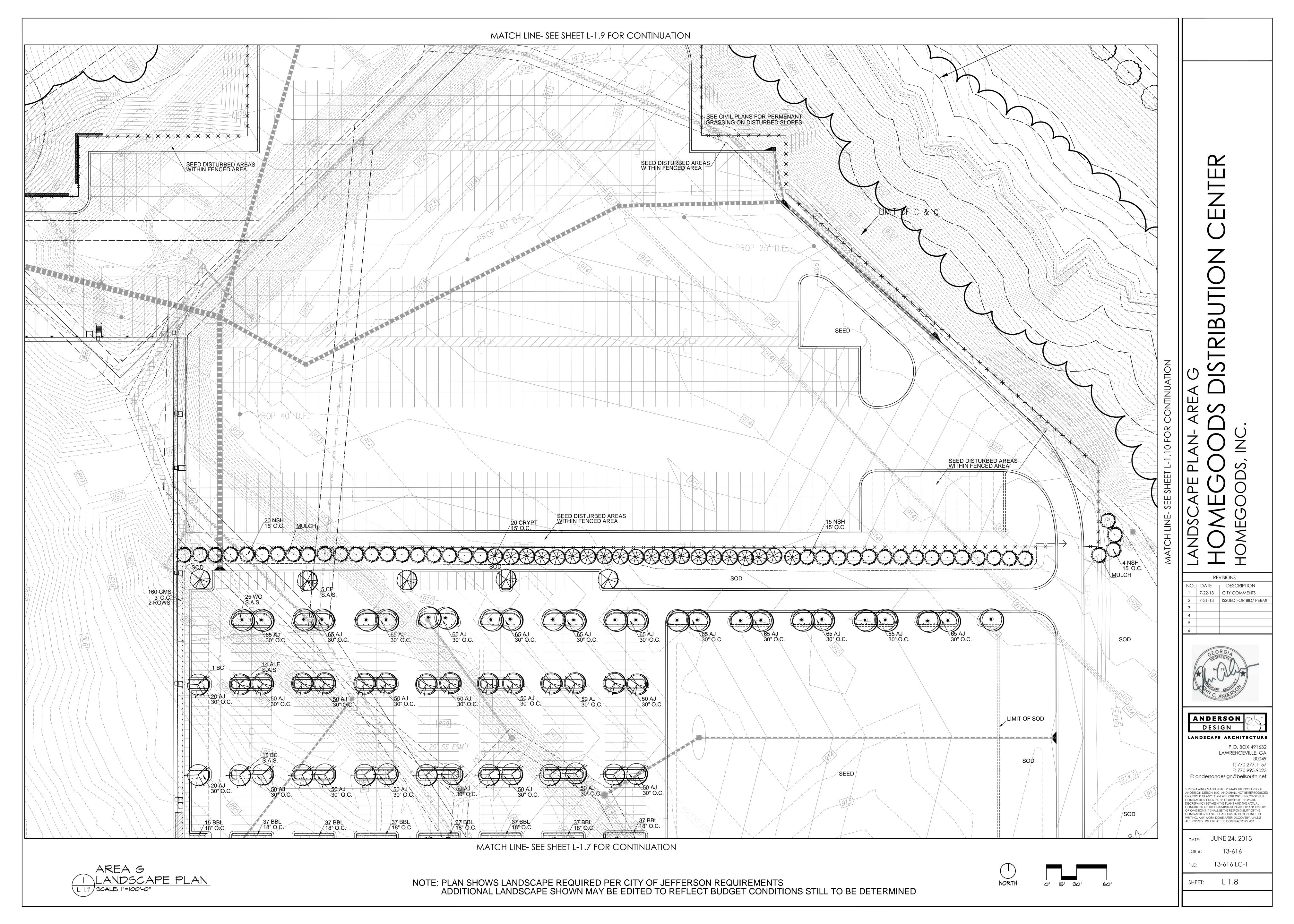
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AREA G LANDSCAPE PLAN







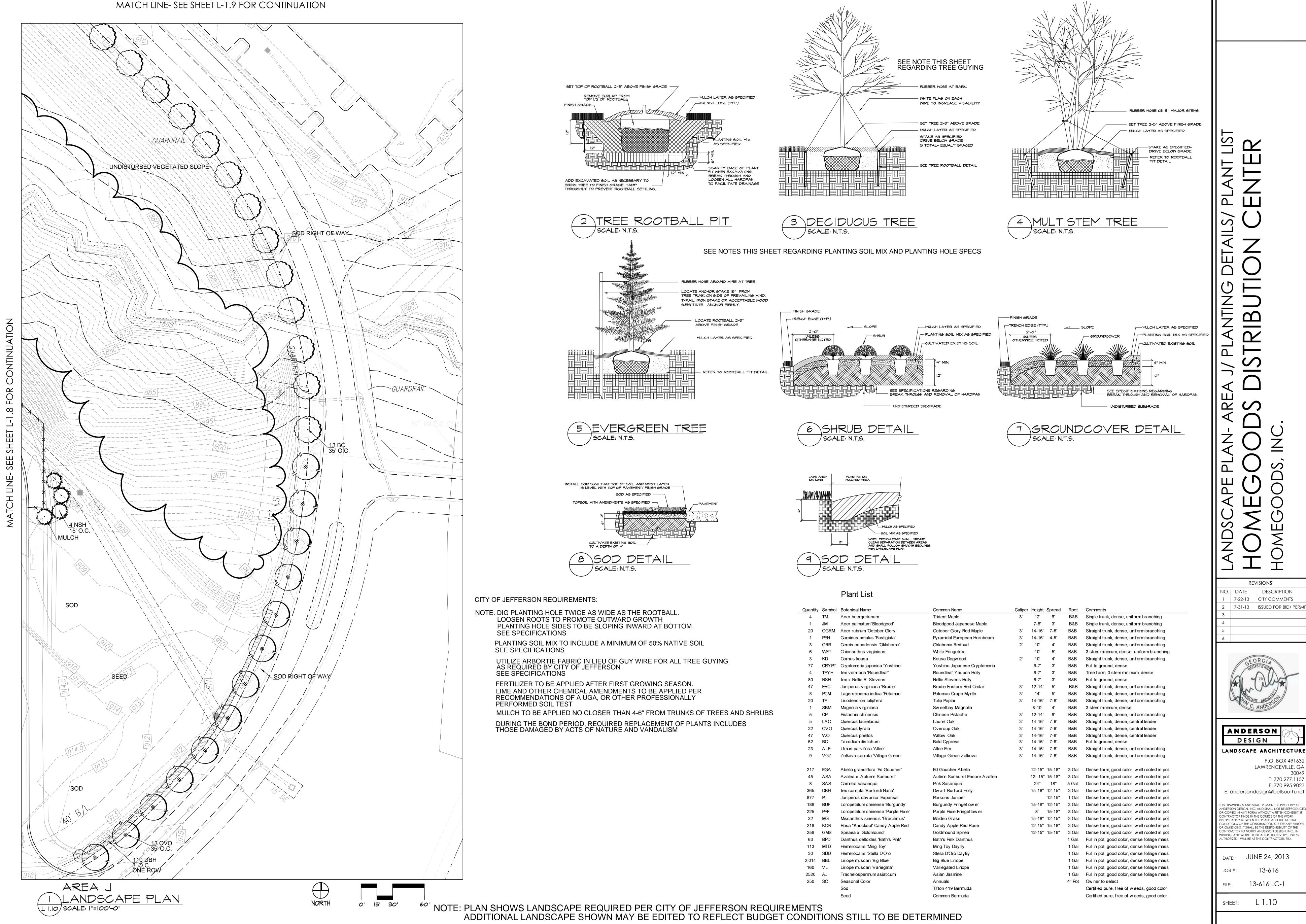
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