



**SUBDIVISION APPLICATION FOR DRT SUBMITTAL
ENGINEERING SERVICES DEPARTMENT**

161 North Ross Street
Auburn, AL 36830

(334) 501-7390 ~ Fax: (334) 501-7294

Applicant Name: _____	Project Name: _____
Mailing Address: _____ _____	Site Address: _____ Phone Number: _____
Engineer's Email Address: _____	

Please provide any additional email addresses below, for people who should be copied on the DRT comments letter:

A COPY OF THE DEED TO THE SUBJECT PROPERTY MUST BE SUBMITTED WITH THIS APPLICATION. If the applicant is not the owner, then a letter allowing the applicant to act as an "authorized agent" must be on file. All associated fees will be charged to the applicant unless otherwise arranged.

General Location: _____

Gross Area of Subject Property: _____ Number of Individual Lots: _____

Current Zoning District: _____ Will this be developed as *Performance*? Yes No

Will this development require Lee County review? Yes No

Has a Preliminary Plat Been Approved? Yes No

Has the Preliminary Plat changed since it was approved by the Planning Commission? Yes No

If yes, describe the changes: _____

Required Documents

For a complete list of the submittal requirements, see section 1.3.4 of the Engineering Design and Construction Manual.

DRT Submittals can be made online through the Auburn Permit Portal. The portal can be found at <https://webgis.auburnalabama.org/permits>.

I, the applicant, certify that all of the above facts are true and correct to the best of my knowledge. I understand that any development approval(s) granted pursuant to this application shall be subject to all applicable regulations of the City of Auburn, and that such approval(s) shall expire unless construction has commenced within eighteen (18) months following date of approval.

Applicant's Signature: _____	Date: _____
Applicant's Name (Please print): _____	

----- FOR OFFICE USE ONLY -----	
Received By: _____	Date: _____
Submittal Approved? Yes <input type="checkbox"/> No <input type="checkbox"/> Comment (if rejected): _____	
DRT Meeting Date: _____	

Description	Check	N/A	Comments
Location and size of all water meters			
Location of the nearest main line valves for isolation of the site			
Location of the nearest fire hydrants			
Location of all blow-off valves and air release valves			
The following proposed water infrastructure should be shown:			
Location, size, and material of all water mains and service lines			
Location and size of all water meters (place at edge of ROW or easement)			
Location of all isolation valves, blow-off valves, and air release valves			
Location of all fire hydrants			
Location of FDC within 125 ft of a fire hydrant			
Location of all backflow prevention devices, and vaults			
Location of all bends, tees, and fittings (specify type and degree)			
Location and detail of all necessary thrust restraint			
Location of vault drain to grade or to storm sewer			
Show all existing and proposed easements			
Provide a general layout of other utilities (existing and proposed)			
Clearly differentiate between existing and proposed utilities			
Detail all main line connections. Show tap configuration and fittings.			
Provide backflow prevention for all main line connections			
Provide estimated static pressure (normally 820 - FFE / 2.31)			
Use pressure reducing valves where static pressure > 70 psi			
Size pipes to maintain a velocity not to exceed 10 ft/sec			
Provide minimum cover of 30 inches for lines 8 inches and smaller			
Provide minimum cover of 36 inches for lines larger than 8 inches			
Provide minimum 18 inches vertical separation where water & sewer cross			
Provide minimum 10 feet horizontal separation between water & sewer lines			
Provide sprinkler count			
Provide the following notes where applicable:			
"Existing services to be abandoned shall be terminated at the main."			
"Notify AWWB of any scheduled outages 7 days prior to the outage."			
"Only AWWB personnel are authorized to operate AWWB valves."			
Sanitary Sewer Plans			
*Required sewer service submittals prior to or with plan submittal:			
Development Application for Water and Sewer Service			
Grease Trap Sizing Worksheet			
Approved pump station design (coordinated with the WRM Department)			
Include North arrow			
The following existing sewer infrastructure should be shown:			
Location of all manholes with rim, and all invert elevations provided			
Location, sizes, materials, and slopes of all sewer mains and laterals			
Location, and size of grease traps and/or oil & grit separators			
The following proposed sewer infrastructure should be shown:			
Location of all manholes with rim, and all invert elevations provided			
Location, sizes, materials, and slopes of all sewer mains and laterals			
Location and size of grease traps where required			
Location and size of oil & grit separators where required			
Location of cleanouts at the edge of ROW or easement			
If sewer layout requires multiple pages, include an overall plan sheet			
Show all existing and proposed easements			
Provide a general layout of other utilities (existing and proposed)			
Clearly differentiate between existing and proposed utilities			
Label all manholes and pipes (correspond with labels on profile sheets)			
Provide contours or specify finish floor elevations			
Indicate how existing sewer mains or services are to be abandoned			
Manholes shall be locked down if less than 1 foot above the 100-yr BFE			
Public sanitary sewer main requirements:			
Manholes shall be located in the center of the street where possible			
Design sewer lines for maximum capacity at half full			
DIP required where cover is greater than 12 feet or less than 3 feet			
DIP required where less than 2 feet of clearance between utilities			
DIP required within the 100-yr BFE or where bouyancy is a concern			

	Description	Check	N/A	Comments	
SS	Provide consistent pipe material between manholes				
	Minimum slope requirements: 4"=2%, 6"=1%, 8"=0.60%, 10"=0.35%, 12"=0.30%				
	Provide a minimum 0.10' drop across all straight through manholes				
	Provide a minimum 0.25' drop across all turning manholes				
	Manhole spacing should not exceed 400 feet				
	Services tied into mains shall have a 3 feet minimum separation				
	Service lines should connect to manholes where possible				
	Use standard 4 inch drop for service lines into manholes				
	Service lines angled against the flow use a minimum 6 inch drop				
	If angle against the flow >135 degrees connect lateral directly to main				
	No more than four laterals connected to a pass through manhole				
	No more than five laterals connected to a beginning manhole				
	Cleanouts to be located in traffic rated enclosure in paved areas				
	Backflow prevention is required when any sewer portion of a building is less than 12 inches above the rim elevation of the nearest upstream manhole. Such lots shall be identified on the plans and the plat.				
	Sanitary Sewer Pipe Profiles				
	SS PROFILE	Indicate pipe material, size, slope and length			
Show all utility crossings					
Show existing and proposed grades					
Show all rim and invert elevations					
Show outside drop manhole where drop is 2 feet or greater					
Label all manholes and pipes (correspond with labels on plan sheets)					
Show existing mains and structures at all connection points					
Clearly differentiate between existing and proposed utilities					
Clearly differentiate between material types					
G Grading & Drainage Plans					
GRADING / DRAINAGE	Include North arrow				
	If plans require multiple pages, include at least one overall plan sheet				
	Show existing topographic contours				
	Maximum 2ft contour intervals with every 10ft line labeled				
	Used lighter or dashed line type for existing contour lines				
	Show proposed contours				
	Maximum 2ft contour intervals with every 10ft line labeled				
	Proposed contour lines should tie-in to existing contour lines				
	Show streams and other water features				
	Show stream & wetland buffers				
	Show 100-yr flood plain boundaries				
	Indicate minimum FFE's for lots adjacent to water features				
	Show all existing structures, utilities, and easements that will remain				
	Show mitigation areas				
	Indicate steep slopes (City of Auburn Zoning Ordinance)				
	Show curb & gutter (2ft City of Auburn Std. C&G)				
	Show all storm water inlets				
	Max access spacing 500ft for 15in to 48in pipe (for public infrastructure)				
	Max access spacing 800ft for 54in or greater (for public infrastructure)				
	Double-wing inlets only used in sags (for public infrastructure)				
	Show all proposed culverts				
	Indicate type and dimensions				
	Show headwalls and energy dissipaters				
	Show all storm sewer pipe				
	Show headwalls at discharge points				
	Show all manholes and junction boxes				
	Extend discharge points at least 10 ft beyond building lines				
	Show rip-rap or other energy dissipators at discharge points				
Show all proposed drainage & utility easement					
Show detention system(s)					
Fencing required around ponds for slopes steeper than 3:1					
Pipes discharge at bottom of pond slopes					
Show outlet structure(s)					

Description	Check	N/A	Comments
Detention outlet control structure details			
Culvert details			
HDPE installation details (for public infrastructure)			
Tail ditch and/or swale details			
Traffic control plan and detour plan			
Proposed street classifications & buildups (for public infrastructure)			
City of Auburn Standard Details			
Include all relevant City of Auburn standard details with the final plans			
Miscellaneous Design & Submittal Requirements			
The following shall be included with the initial DRT submittal, when applicable:			
1. Electrical plans for required pedestrian lighting			
2. Traffic Impact Study			
3. Sight distance analyses			
4. Design standards waiver requests			
No trees shall be within 10ft of center lines of utilities			
The following note should be added to all utility plans and plats ²			
Easements shall be the greater of 20ft or 2 times the depth to the bottom of the utility. Easement widths shall be in increments of 10ft.			
Slope and grades of easements shall be passable by vehicles (maximum easement cross slope of 4:1)			
All topography should be relative to MSL (no assumed datum)			
Utility stub outs for future development should be placed in easements extending to the edge of the property line			
There are no points of storm water discharge from the property that exceed the pre-development conditions at those points			
¹ <ul style="list-style-type: none"> a. Any area that has been disturbed and will remain so for more than 13 days shall be seeded and mulched within 5 days of being disturbed. b. Additional BMPs may be required by the QCP and/or City of Auburn over the course of the project to minimize sediment release from the site. c. All BMPs shall be designed and installed in accordance with the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas and the City of Auburn standard erosion and sediment control details. d. The use of flocculants, polyacrylamide (PAM), or other settling enhancement materials may be required by the QCP or City of Auburn during the course of construction to minimize turbidity and sediment release from the site. e. Remove all temporary BMPs upon submittal of Notice Of Termination to ADEM. f. Any dewatering operation must be properly filtered prior to discharge. 			
² <ul style="list-style-type: none"> a. No permanent structures may be constructed or placed on easements. b. Fences may be erected perpendicularly across the easement provided there is a minimum 12-foot wide access gate installed. If the gate is to be locked there must be a City-approved lock installed in conjunction with the owners lock. c. No trees shall be planted within 10 feet of utilities. 			

SIGNED: _____
(engineer of record)