Case #:		
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## 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 MUR not the owner, then a letter allowing the applicant to act a 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 <i>Performa</i>	nce? ☐ Yes ☐ No			
Will this development require Lee County review? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	es 🗌 No				
Has a Preliminary Plat Been Approved? ☐ Yes ☐ No	0				
Has the Preliminary Plat changed since it was approved If yes, describe the changes:					
Required Documents  For a complete list of the submittal requirement Construction Manual.	ts, see section 1.3.4 of the Eng	gineering Design and			
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 granted pursuant to this application shall be subject to all applicable re construction has commenced within eighteen (18) months following date	egulations of the City of Auburn, and that such	at any development approval(s) n approval(s) shall expire unless			
Applicant's Signature:		Date:			
Applicant's Name (Please print):					
FOR OFF	FICE USE ONLY				
Received By:	Date:				
Submittal Approved? Yes No Comment	(if rejected):				
DRT Meeting Date:					

## **DRT Checklist for Subdivision Construction Plans**

City of Auburn

Project Name: \_\_\_\_\_\_ DRT Case No: \_\_\_\_

This checklist must be submitted with every set of engineering construction plans for subdivision improvements. All items on the checklist shall be addressed. If the item is not applicable to this project check the box next to the item labeled "N/A", and provide comment. Items preceded by an asterisk (\*) are required for the submittal to be considered complete. If one of these items is missing from the submittal without a valid explanation, the entire submittal will be rejected. Note that this checklist is not intended to be all-inclusive, and fulfillment of this checklist does not alleviate the obligation of the designer to meet all City of Auburn code, regulations, ordinances, and specifications. The purpose of this checklist is to facilitate a more efficient plan review process for the designer and the review team.

Description	Check	N/A	Comments
Required Plan Sheets		,	22
These are the basic sheets we expect to see in a set of plans. Some sheets may be combined on certain projects, or have different names (for example, storm water			
profiles shown on the street plan & profile sheets).			
* Title/Cover Sheet	1		
* Project Notes			
* Existing Conditions/Demo Plan			
* Preliminary Plat			
* Water Plan			
* Sanitary Sewer Plan			
* Sanitary Sewer Profiles			
* Grading & Drainage Plan			
* Storm Sewer Profiles			
* Erosion & Sediment Control Plan (typically 3 phases)			
* Street Plan & Profiles			
* Miscellaneous Details, Cross-sections & Other Sheets			
* City of Auburn Standard Details			
Title Sheet			
Project Title			
Permit Numbers (USACE & ADEM)			
Relevant Contact Information			
Sheet Index			
Vicinity Map (legible)			
Engineer's Seal			
Project Notes			
☑ Verify that project notes do not conflict with City of Auburn specifications	T		
Provide Legend			
Existing Conditions / Demo Plan			
I Include North arrow	T		
Show locations of existing structures			
Indicate if structures are being removed  Show existing topography with clearly labeled contours lines	+		
Minimum 2ft contour intervals with every 10ft line labeled			
Show existing water features including wetland areas			
Show existing easements and right-of-ways			
Show existing utilities			
Indicate if being removed/abandoned	1		
Show all property lines	1		
Show the limits of clearing & grubbing	ļ		
Preliminary Plat	T T		
Include a copy of the approved Preliminary Plat			
indicate any changes from the approved plat			
Verify planning commission resolutions were addressed			
Water Plans	<b></b>	,,,,,,,,,,,,	
*Required water service submittals prior to or with plan submittal:			
Development Application for Water and Sewer Service			
Backflow Protection Information Sheet			
Fire flow calculations, when applicable (coordinate with WRM Department)			
Include North arrow			
If water layout requires multiple pages, include an overall plan sheet			
The following existing water infrastructure should be shown:			
Location, size, and material of all water mains and service lines			

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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 <b>proposed</b> 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)			
ကြင်းမြင့် Include North arrow			
The following <b>existing</b> 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 <b>proposed</b> 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			

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	Description	Check	N/A	Comments
SS		CHECK	IV/A	Comments
	Provide consistent pipe material between manholes			
-SS-	Minimum slope requirements:		<i>(((((((((((((((((((((((((((((((((((((</i>	
Š	4"=2%, 6"=1%, 8"=0.60%, 10"=0.35%, 12"=0.30%  Provide a minimum 0.10' drop across all straight through manholes			
S	Provide a minimum 0.25' drop across all turning manholes			
-SS				
	Manhole spacing should not exceed 400 feet			
-SS	Services tied into mains shall have a 3 feet minimum separation			
8	Service lines should connect to manholes where possible			
S	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			
SSS	No more than four laterals connected to a pass through manhole			
S	No more than five laterals connected to a beginning manhole			
Ĭ	Cleanouts to be located in traffic rated enclosure in paved areas  Backflow prevention is required when any sewered portion of a building is less			
-SS-	than 12 inches above the rim elevation of the nearest <b>upstream</b> manhole. Such			
	lots shall be identified on the plans and the plat.			
SS		<u> </u>		
38	nitary Sewer Pipe Profiles			
ROFIL	Indicate pipe material, size, slope and length			
S PF	Show all utility crossings			
ES S	Show existing and proposed grades			
OFIL	Show all rim and invert elevations	1		
S PR	Show outside drop manhole where drop is 2 feet or greater			
SS	Label all manholes and pipes (correspond with labels on plan sheets)			
를	Show existing mains and structures at all connection points			
PR(	Clearly differentiate between existing and proposed utilities			
SS	Clearly differentiate between material types			
G	ading & Drainage Plans	T	ı	
/ DR	Include North arrow			
S <sub>N</sub>	If plans require multiple pages, include at least one overall plan sheet			
<b>RA</b>	Show existing topographic contours			
9	Maximum 2ft contour intervals with every 10ft line labeled			
AGE	Used lighter or dashed line type for existing contour lines			
M	Show proposed contours			
/DE	Maximum 2ft contour intervals with every 10ft line labeled			
DIING	Proposed contour lines shoud tie-in to existing contour lines			
RAD	Show streams and other water features			
9/:	Show stream & wetland buffers			
IAGE	Show 100-yr flood plain boundaries			
RA B	Indicate minimum FFE's for lots adjacent to water features			
<u> </u>	Show all existing structures, utilities, and easements that will remain			
SIS	Show mitigation areas			
RAE	Indicate steep slopes (City of Auburn Zoning Ordinance)			
E / G	Show curb & gutter (2ft City of Auburn Std. C&G)			
VAG	Show all storm water inlets			
RAIL	Max access spacing 500ft for 15in to 48in pipe (for public infrastrcture)			
3/D	Max access spacing 800ft for 54in or greater (for public infrastructure)			
OING	Double-wing inlets only used in sags (for public infrastructure)			
BRAL	Show all proposed culverts			
E / 6	Indicate type and dimensions			
NAG	Show headwalls and energy dissipaters			
IRAII	Show all storm sewer pipe			
3/0	Show headwalls at discharge points			
DIN	Show all manholes and junction boxes			
GRADIN	Extend discharge points at least 10 ft beyond building lines			
JE / C	Show rip-rap or other energy dissipators at discharge points			
NAG	Show all proposed drainage & utility easement			
<b>JRAI</b>	Show detention system(s)			
9/1	Fencing required around ponds for slopes steeper than 3:1			
DIN	Pipes discharge at bottom of pond slopes			
GRAD	Show outlet structure(s)			
			ı	

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	Description	Check	N/A	Comments
Sto	rm Water Pipe Profiles (for public infrastructure only)	Cricci	. 1,7	Comments
_	ndicate pipe size, material, slope and length	I		
	ripe beneath streets shall be RCP			
ı ≍⊩	how rim & invert elevations			
	how 25-yr Hydraulic Grade Line			
ш	how existing and proposed grades			
0	how all other utility crossings			
_	how existing pipe & structures at tie-ins			
	sion & Sediment Control Plans			
ال	Jsed a phased plan when applicable			
S	how clearing limits			
	how stream & wetland buffers. Drainage basin of stream should be			
w.	elineated from the commencement point of the stream, to the point			
m	hat it leaves the property. Basin area determines buffer widths (see ZO)			
	rovide an ES&C legend			
111	dentify project sign location and provide project rain gauge on site			
2	Il silt fencing shall be Class "A" (wire reinforced, metal staked, trenched),			
1	-POP, or approved equal			
	Construction Entrance Pad (min 20ft x 50ft) Use #1 stone with geotextile			
ပ	abric underneath. One CEP per site at any given time.			
	lay bales may not be used as stand-alone inlet protection. They can be			
0,	ised in conjunction with silt fence, silt savers, etc			
SC	Jse rock check dams, wattles, or silt fence check dams (rather than			
Ÿ	ay bales) where applicable.			
(C)	Design and show outlet protection at all discharges			
4.5	how curb inlet protection devices (no stand-alone hay bales)			
-	lopes greater than 3:1 require erosion control blankets. Specify types			
in	f blankets being used.			
	how all sediment basin locations, filter structures, and sediment volumes			
ш	Submit sediment storage calculations			
22	Attach City of Auburn standard erosion & sedimentation ctrl. details			
–	Vater Quality Forms Submittled			
iii -	ow Impact Development/Green Infrastructure Forms Submitted			
()	nclude the following notes on the E&SC Plans <sup>1</sup>			
	eet Plan & Profiles (for public infrastructure only)	l		
F	lan view			
Z PR	Include North arrow			
AN	Show existing and proposed topography			
/PL	Show edge of pavement and curb/gutter			
జ	Show ROW & easements			
PRO	Show station line			
ø Z	Show horizontal curve radii			
PLA	Show deceleration lane storage, taper, and transition lengths			
LE /	Indicate tangent lengths (minimum 100ft between curves)			
PLAN & PROFILE / PLAN & PROFILE / PLAN &	Indicate street width (b/c to b/c)			
8 P	Indicate intersection corner property line radii (minimum 20ft)			
LAN	Show proposed sidewalks			
_	rofile View			
PROFILE / PLAN & PROFILE	Show existing and proposed centerline grades			
PR	Max grade for local streets = 15%			
AN 8	Max grade for collector streets = 12%			
/PL	Max grade for minor arterial = 8%			
FILE	Max grade = 5% within 100ft of intersection			
PRO	Show vertical alignment with all vertical curve data			
% Z	Indicate the design speed used (see Engineering Design & Const. Manual)			
PLAI	Align stationing with the plan view station line			
Mi	cellaneous Details, Cross-sections, & Other Sheets			
	Collector or arterial (or other special) striping			
5	how details for improvements to off-site infrastructure			
-	Turn lanes - including buildup and striping (meet with City on widening)			
MIS	Off-site sewer, water, or storm water improvements			
, ,	•	aaiiiiiiiiiii	<u>anniillili</u>	1

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	Description	Check	N/A	Comments			
.c	Detention outlet control structure details						
M	Culvert details						
Ü	HDPE installation details (for public infrastructure)						
MIS	Tail ditch and/or swale details						
J	Traffic control plan and detour plan						
MIS	Proposed street classifications & buildups (for public infrastructure)						
Ci	City of Auburn Standard Details						
	Include all relevant City of Auburn standard details with the final plans						
M	iscellaneous Design & Submittal Requirements						
MIS	The following shall be included with the initial DRT submittal, when applicable:						
1	1. Electrical plans for required pedestrian lighting						
11SC	2. Traffic Impact Study						
2	3. Sight distance analyses						
SC -	4. Design standards waiver requests						
Z	No trees shall be within 10ft of center lines of utilities						
	The following note should be added to all utility plans and plats <sup>2</sup>						
/IIS	Easements shall be the greater of 20ft or 2 times the depth to the bottom						
N	of the utility. Easement widths shall be in increments of 10ft.						
SC	Slope and grades of easements shall be passable by vehicles						
Σ-	(maximum easement cross slope of 4:1)						
C	All topography should be relative to MSL (no assumed datum)						
VIIS	Utility stub outs for future development should be placed in easements						
-	extending to the edge of the property line						
ISC	There are no points of storm water discharge from the property that exceed						
Σ	the pre-develoment conditions at those points						
	<ul> <li>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.</li> <li>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.</li> <li>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.</li> <li>d. The use of floc-blocks, 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.</li> </ul>						

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

c. No trees shall be planted within 10 feet of utilities.

e. Remove all temporary BMPs upon submittal of Notice Of Termination to ADEM.
f. Any dewatering operation must be properly filtered prior to discharge.
a. No permanent structures may be constructed or placed on easements.

be a City-approved lock installed in conjunction with the owners lock.

SIGNED: \_\_\_\_\_\_(engineer of record)

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