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## SUBDIVISION APPLICATION FOR DRT SUBMITTAL

## **PUBLIC WORKS DEPARTMENT**

171 North Ross Street, Suite 200 Auburn, AL 36830 (334) 501-3000 ~ Fax: (334) 501-7294

Applicant Name:	Project Name:	
Mailing Address:	Site Address:	
	Phone Number:	
Email Address:		
A COPY OF THE DEED TO THE SUBJECT PROPERTY M is not the owner, then a letter allowing the applicant to a will be charged to the applicant unless otherwise arrange	ct as an "authorized agent" must be	'LICATION. If the applican on file. All associated fees
General Location:		
Gross Area of Subject Property:	_Number of Individual Lots:	
Current Zoning District:	_Will this be developed as Perform	ance?
Has a Preliminary Plat Been Approved? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	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  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 reconstruction has commenced within eighteen (18) months following dates	to the best of my knowledge. I understand a	that any development approval(s
Applicant's Signature:		Date:
Applicant's Name (Please print):	_	Time:
FOR OFFI	CE USE ONLY	
Received By:	Date & Time:	
Submittal Approved? Yes No Comment (	if rejected):	
DRT Meeting Date:		

## DRT Checklist for Subdivision Construction Plans



## **Project Name:**

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.

Check N/A   Comments						
These are the basic alreads we expect to see in a set of plans. Some sheets may be combined on cartain projects or have different names (or example, storm water profiles shown on the street plan & profile shows).  Title-Cover Sheet Project Notes Essing Conditions/Derive Plan Protect Notes Sametay Sweet Pfolin Street Plan & Profiles Street Plan & Street Plan Street Plan & Profiles Street Plan & Street Plan & Street Plan Street Plan & Street Plan & Street Plan Street Plan &			Check	N/A	Comments	
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	ar Pla	Include North arrow				
The following existing water infrastructure should be shown:	Wate	If water layout requires multiple pages, include an overall plan sheet				
a management of the state of th	ans -	The following <b>existing</b> water infrastructure should be shown:				
Location, size, and material of all water mains and service lines	er PI	Location, size, and material of all water mains and service lines				

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100	Description	Check	N/A	Comments
- Wa	Location and size of all water meters			
Plans	Location of the nearest main line valves for isolation of the site			
Iter P	Location of the nearest fire hydrants			
- Water	Location of all blow-off valves and air release valves			
· Plans	The following <b>proposed</b> water infrastructure should be shown:			
Water F	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)			
Water Plans	Location of all isolation valves, blow-off valves, and air release valves			
ater l	Location of all fire hydrants			
1	Location of FDC within 125 ft of a fire hydrant			
Plans	Location of all backflow prevention devices, and vaults			
. Water I	Location of all bends, tees, and fittings (specify type and degree)			
	Location and detail of all necessary thrust restraint			
Plans	Location of vault drain to grade or to storm sewer			
ater	Show all existing and proposed easements			
	Provide a general layout of other utilities (existing and proposed)			
	Clearly differentiate between existing and proposed utilities			
ater	Detail all main line connections showing appropriate tap configuration and fittings			
N - 8	Provide backflow prevention for all main line connections			
Plan	Provide estimated static pressure (normally 830 - FFE / 2.31)			
ater	Use pressure reducing valves where static pressure > 70 psi			
N - S	Size pipes to maintain a velocity not to exceed 10 ft/sec			
Plan	Provide minimum cover of 30 inches for lines 8 inches and smaller			
/ater	Provide minimum cover of 36 inches for lines larger than 8 inches			
1 10	Provide minimum 18 inches vertical separation where water & sewer cross			
Plan	Provide minimum 10 feet horizontal separation between water & sewer lines			
Water	Provide sprinkler count			
	Provide the following notes where applicable:  "Existing services to be abandoned shall be terminated at the main."			
Plans	"Notify AWWB of any scheduled outages 7 days prior to the outage."			
Vater	"Only AWWB personnel are authorized to operate AWWB valves."			
Sar	nitary Sewer Plans			
SS PI	*Required sewer service submittals prior to or with plan submittal:			
SS	Development Application for Water and Sewer Service			
Plans	Grease Trap Sizing Worksheet			
SS	Approved pump station design (coordinated with the WRM Department)			
ans -	Include North arrow			
SS PI	The following existing sewer infrastructure should be shown:			
	-			
ल	Location of all mannoles with firm, and all invert elevations provided			
	Location of all manholes with rim, and all invert elevations provided  Location, sizes, materials, and slopes of all sewer mains and laterals			
s - SS Plans	Location of all marmoles with firm, 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			
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	Description	Check	N/A	Comments
Plans	Minimum slope requirements:			
SS	4"=2%, 6"=1%, 8"=0.60%, 10"=0.35%, 12"=0.30%			
-su	Provide a minimum 0.10' drop across all straight through manholes			
SS Pla	Provide a minimum 0.25' drop across all turning manholes			
S	Manhole spacing should not exceed 400 feet			
Plan	Services tied into mains shall have a 3 feet minimum separation			
SS	Service lines should connect to manholes where possible			
Plans	Use standard 4 inch drop for service lines into manholes			
SSP	Service lines angled against the flow use a minimum 6 inch drop			
ns-	If angle against the flow >135 degrees connect lateral directly to main			
S Pla	No more than four laterals connected to a pass through manhole			
S	No more than five laterals connected to a beginning manhole			
Plans	Cleanouts to be located in traffic rated enclosure in paved areas			
SS	Backflow prevention is required when any sewered portion of a building is less			
lans	than 12 inches above the rim elevation of the nearest <b>upstream</b> manhole. Such			
SS	lots shall be identified on the plans and the plat.			
Saı	nitary Sewer Pipe Profiles			
S	Indicate pipe material, size, slope and length			
ofile	Show all utility crossings			
S Pr	Show existing and proposed grades			
S	Show all rim and invert elevations			
rofile	Show outside drop manhole where drop is 2 feet or greater			
SS	Label all manholes and pipes (correspond with labels on plan sheets)			
es.	Show existing mains and structures at all connection points			
rofil	Clearly differentiate between existing and proposed utilities			
SS	Clearly differentiate between material types			
Gra	ding & Drainage Plans			
9	Include North arrow			
nage	If plans require multiple pages, include at least one overall plan sheet			
Drai	Show existing topographic contours			
ng &	Maximum 2ft contour intervals with every 10ft line labeled			
iradi	Used lighter or dashed line type for existing contour lines			
9e - 0	Show proposed contours			
ainaç	Maximum 2ft contour intervals with every 10ft line labeled			
& Dra	Proposed contour lines shoud tie-in to existing contour lines			
ding	Show streams and other water features			
Grad	Show stream & wetland buffers			
age -	Show 100-yr flood zone boundaries			
raina	Indicate minimum FFE's for lots adjacent to water features			
~ ನ	Show all existing structures, utilities, and easements that will remain			
adini	Show mitigation areas			
. j	Indicate steep slope areas as defined in the City of Auburn Zoning Ordinance			
nage				
Drai	Show curb & gutter (2ft City of Auburn Std. C&G)  Show lates (single & double winged)			
ng &	Show Inlets (single & double winged)  May access spacing 500ft for 15 in to 48 in pine			
radii	Max access spacing 500ft for 15in to 48in pipe			
Je - Gr	Max access spacing 800ft for 54in or greater			
ainag	Double-wing inlets only used in sags			
& Dra	Show all proposed culverts			
ling	Indicate type and dimensions			
Grad	Show headwalls and energy dissipaters			
- eb	Show all storm sewer pipe			
raina	Show headwalls at discharge points			
a & Dr	Show all manholes and junction boxes			
ding	Extend discharge points 10 ft beyond rear building lines			
- Gra	Show rip-rap or other energy dissipators at discharges			
age	Show all proposed drainage & utility easement			
Drain	Show detention system(s)			
ng & [	Fencing required around ponds for slopes steeper than 3:1			
radin	Pipes discharge at bottom of pond slopes			
(7)	Show outlet structure(s)			

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	Description	Check	N/A	Comments
Storm Water F	Pipe Profiles			
Indicate pipe	e size, material, slope and length			
Pipe beneat	th streets shall be RCP			
Show rim &	invert elevations			
Show 25-yr	Hydraulic Grade Line			
Show existing	ng and proposed grades			
Show all oth	her utility crossings			
	ng pipe & structures at tie-ins			
	diment Control Plans			
ω Used a phas	sed plan when applicable			
Show clearing	ing limits			
Show clearing Show stream	m & wetland buffers. Drainage basin of stream should be			
delineated fr	from the commencement point of the stream, to the point			
that it leaves	s the property. Basin area determines buffer widths (see ZO)			
()	ES&C legend			
Identify proje	ect sign location and provide project rain gauge on site			
	ng shall be Class "A" (wire reinforced, metal staked, trenched) or C-POP			
()	n Entrance Pad (min 20ft x 50ft) Use #1 stone with geotextile			
ш	rneath. One CEP per site at any given time.			
	nay not be used as stand-alone inlet protection. They can be			
O	junction with silt fence, silt savers, etc			
	neck dams, wattles, or silt fence check dams (rather than			
Ĕ	where applicable.			
()	show outlet protection at all discharges			
ш	inlet protection devices (no stand-alone hay bales)			
ű –	ater than 3:1 require erosion control blankets. Specify types			
of blankets b				
Show all sec	diment basin locations, filter structures, and sediment volumes			
<u>u</u>	diment storage calculations			
()	of Auburn standard erosion & sedimentation ctrl. details			
Include the f	following notes on the E&SC Plans <sup>1</sup>			
Street Plan & I				
	1 TOTALCO			
9 Plan view	Tionics			
Plan view				
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Description	Check	N/A	Comments
ty of Auburn Standard Details			
Include all relevant City of Auburn standard details with the final plans			
scellaneous Design Requirements			
Sight distance analysis needed?			
Storage/taper length calculations for turn lanes (can be shown on plans)			
No trees within 10ft of center line of utilities			
Are any waivers or variances required?			
The following note should be added to all utility plans and plats <sup>2</sup>			
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			
<ul> <li>a. Any area that has been disturbed and will remain so for more than 15 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 Storm water 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 course of construction to minimize turbidity and sediment release from the site.</li> </ul>			
No permanent structures may be constructed or placed on easements. Fences is a minimum 12-foot wide access gate installed. If the gate is to be locked ther owners lock. No trees shall be planted within 10 feet of utilities.			

SIGNED:		
	(engineer of record)	

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