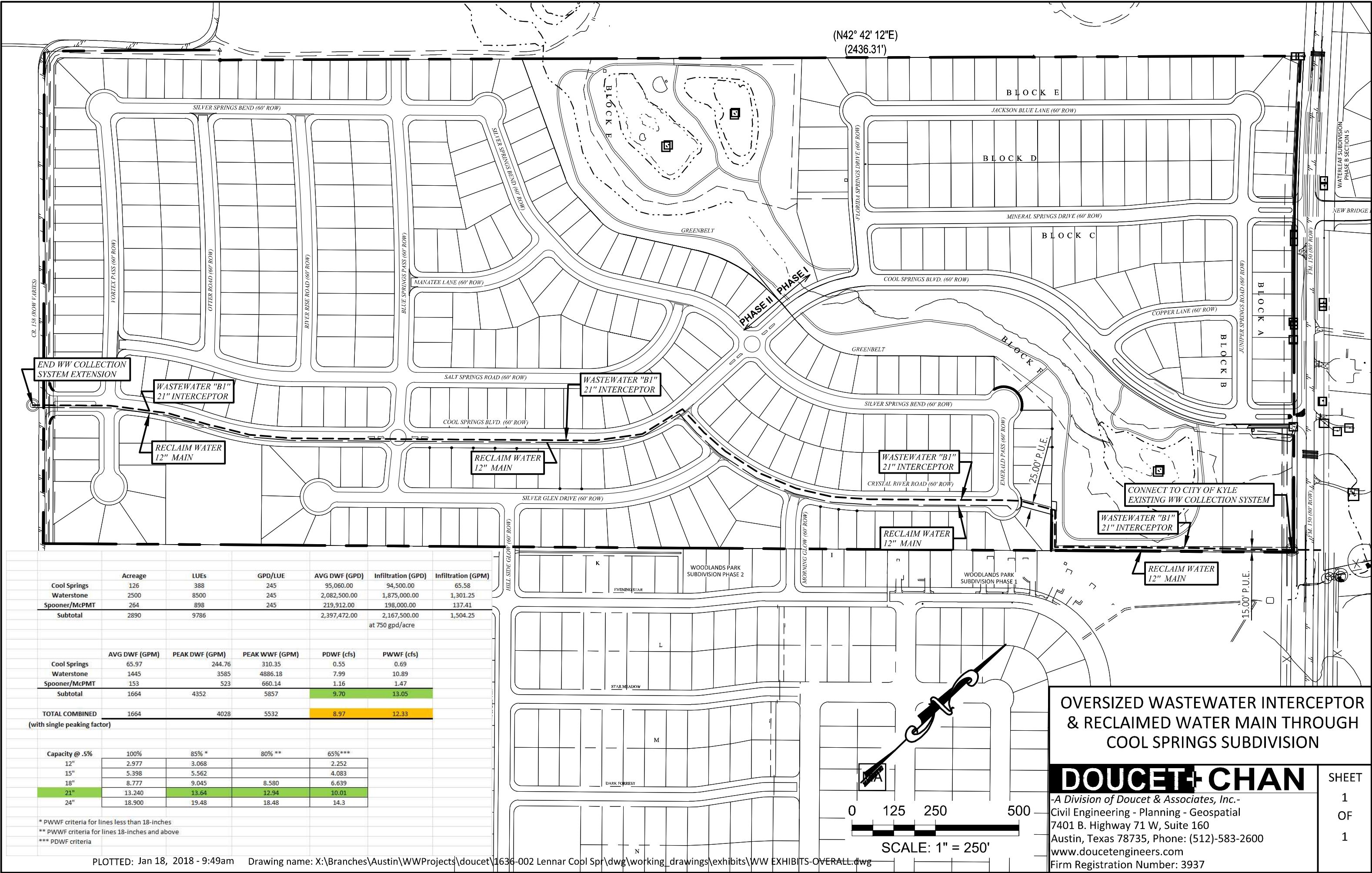




	Acreage	LUEs	GPD/LUE	AVG DWF (GPD)	Infiltration (GPD)	Infiltration (GPM)
Cool Springs	126	388	245	95,060.00	94,500.00	65.58
Waterstone	2500	8500	245	2,082,500.00	1,875,000.00	1,301.25
Spooner/McPMT	264	898	245	219,912.00	198,000.00	137.41
Subtotal	2890	9786		2,397,472.00	2,167,500.00	1,504.25
at 750 gpd/acre						
	AVG DWF (GPM)	PEAK DWF (GPM)	PEAK WWF (GPM)	PDWF (cfs)	PWWF (cfs)	
Cool Springs	65.97	244.76	310.35	0.55	0.69	
Waterstone	1445	3585	4886.18	7.99	10.89	
Spooner/McPMT	153	523	660.14	1.16	1.47	
Subtotal	1664	4352	5857	9.70	13.05	
TOTAL COMBINED	1664	4028	5532	8.97	12.33	
(with single peaking factor)						
Capacity @ .5%	100%	85% *	80% **	65%***		
12"	2,977	3,068		2,252		
15"	5,398	5,562		4,083		
18"	8,777	9,045	8,580	6,639		
21"	13,240	13.64	12.94	10.01		
24"	18,900	19.48	18.48	14.3		

* PWWF criteria for lines less than 18-inches
** PWWF criteria for lines 18-inches and above
*** PDWF criteria

OVERSIZED WASTEWATER INTERCEPTOR
& RECLAIMED WATER MAIN THROUGH
COOL SPRINGS SUBDIVISION

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-A Division of Doucet & Associates, Inc.-
Civil Engineering - Planning - Geospatial
7401 B. Highway 71 W, Suite 160
Austin, Texas 78735, Phone: (512)-583-2600
www.doucetengineers.com
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