

SWITCHBOARD SCHEDULE - "MDP"													
MARK	NEA SIZE	VOL TAGE	PHASES	WIRE #	NOTES								
NO.	TRIP	POLE	SIZE	TYPE	DESCRIPTION	LTG	REC	MTN	HTG	WTR	POLE	TRIP	WTR
1	100	3	3	SEE PLANS	RECEPTACLE TOTAL	172.20	KVA	100	%	=	18.0	KVA	
					RESEARCH	152.20	KVA	50	%	=	81.1	KVA	
2	100	3	3	SEE PLANS	MOTORS	77.50	KVA	100	%	=	77.5	KVA	
					A/C	238.70	KVA	100	%	=	238.7	KVA	
					HEATING	238.70	KVA	100	%	=	238.7	KVA	
					FUTURE		KVA	100	%	=	0.0	KVA	
					MISCELLANEOUS	120.40	KVA	100	%	=	120.4	KVA	
					TOTAL	1142.7	amps				250.0	KVA	

MDP DEMAND CALCS		
RECEPTACLE TOTAL	172.20	KVA
RESEARCH	152.20	KVA
MOTORS	77.50	KVA
A/C	238.70	KVA
HEATING	238.70	KVA
FUTURE		KVA
MISCELLANEOUS	120.40	KVA
TOTAL	1142.7	amps

PANELBOARD SCHEDULE - "P1A"													
MARK	NEA SIZE	VOL TAGE	PHASES	WIRE #	NOTES								
NO.	TRIP	POLE	SIZE	TYPE	DESCRIPTION	LTG	REC	MTN	HTG	WTR	POLE	TRIP	WTR
1	100	3	3	SEE PLANS	RECEPTACLE TOTAL	172.20	KVA	100	%	=	18.0	KVA	
					RESEARCH	152.20	KVA	50	%	=	81.1	KVA	
2	100	3	3	SEE PLANS	MOTORS	77.50	KVA	100	%	=	77.5	KVA	
					A/C	238.70	KVA	100	%	=	238.7	KVA	
					HEATING	238.70	KVA	100	%	=	238.7	KVA	
					FUTURE		KVA	100	%	=	0.0	KVA	
					MISCELLANEOUS	120.40	KVA	100	%	=	120.4	KVA	
					TOTAL	1142.7	amps				250.0	KVA	

P1A DEMAND CALCS		
RECEPTACLE TOTAL	172.20	KVA
RESEARCH	152.20	KVA
MOTORS	77.50	KVA
A/C	238.70	KVA
HEATING	238.70	KVA
FUTURE		KVA
MISCELLANEOUS	120.40	KVA
TOTAL	1142.7	amps

M1A DEMAND CALCS		
RECEPTACLE TOTAL	168.0	KVA
RESEARCH	152.0	KVA
MOTORS	4.0	KVA
A/C	0.0	KVA
HEATING	96.0	KVA
FUTURE		KVA
MISCELLANEOUS	1.0	KVA
TOTAL	361.0	amps

PANELBOARD SCHEDULE - "DPT"													
MARK	NEA SIZE	VOL TAGE	PHASES	WIRE #	NOTES								
NO.	TRIP	POLE	SIZE	TYPE	DESCRIPTION	LTG	REC	MTN	HTG	WTR	POLE	TRIP	WTR
1	100	3	3	SEE PLANS	RECEPTACLE TOTAL	0.00	KVA	100	%	=	0.0	KVA	
					MOTORS	0.00	KVA	100	%	=	0.0	KVA	
					A/C	0.00	KVA	100	%	=	0.0	KVA	
					HEATING	0.00	KVA	100	%	=	0.0	KVA	
					FUTURE		KVA	100	%	=	0.0	KVA	
					MISCELLANEOUS	0.00	KVA	100	%	=	0.0	KVA	
					TOTAL	0.00	amps				0.0	KVA	

DPT DEMAND CALCS		
RECEPTACLE TOTAL	0.00	KVA
MOTORS	0.00	KVA
A/C	0.00	KVA
HEATING	0.00	KVA
FUTURE		KVA
MISCELLANEOUS	0.00	KVA
TOTAL	0.00	amps

PANELBOARD SCHEDULE - "M1A"													
MARK	NEA SIZE	VOL TAGE	PHASES	WIRE #	NOTES								
NO.	TRIP	POLE	SIZE	TYPE	DESCRIPTION	LTG	REC	MTN	HTG	WTR	POLE	TRIP	WTR
1	100	3	3	SEE PLANS	RECEPTACLE TOTAL	168.00	KVA	100	%	=	18.0	KVA	
					RESEARCH	152.00	KVA	50	%	=	81.0	KVA	
					MOTORS	4.00	KVA	100	%	=	4.0	KVA	
					A/C	0.00	KVA	100	%	=	0.0	KVA	
					HEATING	96.00	KVA	100	%	=	96.0	KVA	
					FUTURE		KVA	100	%	=	0.0	KVA	
					MISCELLANEOUS	1.00	KVA	100	%	=	1.0	KVA	
					TOTAL	361.00	amps				83.0	KVA	



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DEC 7, 2018
PROJECT NUMBER = C-2130

WILSON AIR CENTER
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ARCHITECT



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(704) 426-0070 FIRM NO. C-1163

STRUCTURAL ENGINEER

STEWART

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SABER ENGINEERING

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LANDSCAPE ARCHITECT

URBAN DESIGN PARTNERS

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COMMUNICATIONS INFRASTRUCTURE

DB CONSULTING

240 LIVES FARM ROAD
BLACKSBURG, SC 29702
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REVISIONS

DATE DECEMBER 7, 2018

PROJECT NUMBER 9197-000

SHEET TITLE

PANEL SCHEDULES

SHEET NUMBER

E-401

Order Plans @