



PROJECT:	WHATCOM TRANSIT AUTHORITY INTERIOR REMODEL
LOCATION:	BELLINGHAM, WA
PROJECT NO:	18-105
CONTACT:	ROB COALLIER

SYSTEM:	FPB 1-2, FPB 1-3
AREA SERVED:	

TERMINAL UNIT DATA												
TERMINAL UNIT ID:	FPB 1-2				AREA SERVED:				DISP. 140			
MANUFACTURER:	NAILOR				MODEL NUMBER:				D35SE			
SIZE / K FACTOR:	10 / 0.55				CORRECTION FACTOR:				2.78			
MAXIMUM CFM DESIGN:	400				MAXIMUM CFM ACTUAL:				417			
MINIMUM CFM DESIGN:	150				MINIMUM CFM ACTUAL:				156			
HEATING CFM DESIGN:	200				MAXIMUM CFM ACTUAL:				209			
AREA SERVED	NO.	CODE	SIZE	AK	DESIGN		INITIAL		% OF DESIGN	FINAL		% OF DESIGN
					FPM	CFM	FPM	CFM		FPM	CFM	
139	1	SD-1	6"	F.H.	-	100	-	245	245%	-	108	108%
137A	2	SD-1	6"	F.H.	-	100	-	135	135%	-	108	108%
138	3	SD-1	6"	F.H.	-	100	-	142	142%	-	101	101%
133	4	SD-1	6"	F.H.	-	100	-	202	202%	-	100	100%
FPB 1-2						400		724	181%		417	104%

TERMINAL UNIT DATA												
TERMINAL UNIT ID:	FPB 1-3				AREA SERVED:				OFFICE 136			
MANUFACTURER:	NAILOR				MODEL NUMBER:				D35SE			
SIZE / K FACTOR:	8 / 0.35				CORRECTION FACTOR:				2.42			
MAXIMUM CFM DESIGN:	600				MAXIMUM CFM ACTUAL:				598			
MINIMUM CFM DESIGN:	200				MINIMUM CFM ACTUAL:				199			
HEATING CFM DESIGN:	220				MAXIMUM CFM ACTUAL:				219			
AREA SERVED	NO.	CODE	SIZE	AK	DESIGN		INITIAL		% OF DESIGN	FINAL		% OF DESIGN
					FPM	CFM	FPM	CFM		FPM	CFM	
136	1	SD-1	8"	F.H.	-	150	-	121	81%	-	141	94%
136	2	SD-1	8"	F.H.	-	150	-	157	105%	-	149	99%
136	3	SD-1	8"	F.H.	-	150	-	163	109%	-	154	103%
136	4	SD-1	8"	F.H.	-	150	-	155	103%	-	154	103%
FPB 1-3						600		596	99%		598	100%

REMARKS:
FORM ID: LOW VELOCITY TEST SHEET



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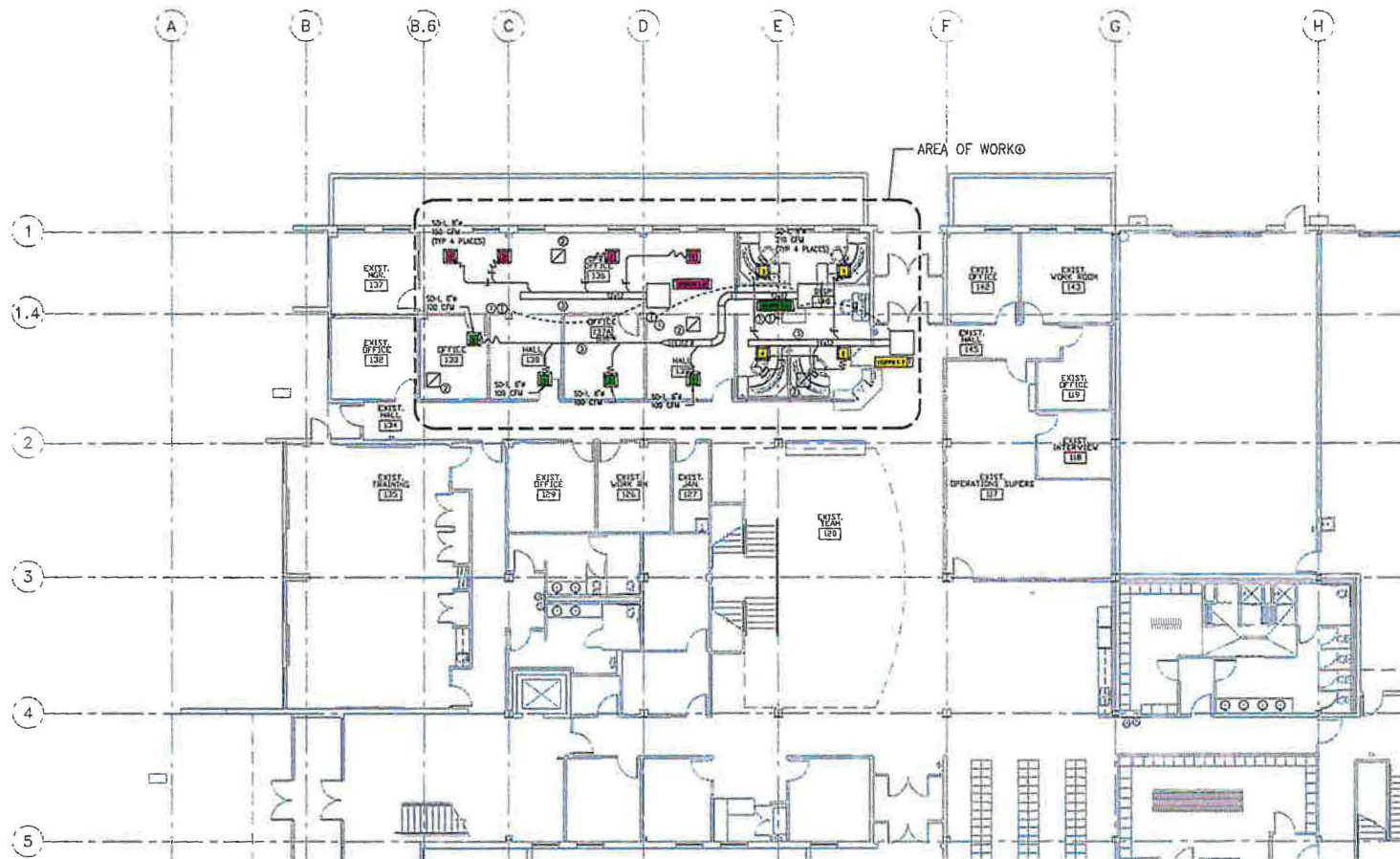
SYSTEM:	FPB 1-17
AREA SERVED:	DISPATCH 140

TERMINAL UNIT DATA													
TERMINAL UNIT ID:	FPB 1-17				AREA SERVED:				DISP. 140				
MANUFACTURER:	NAILOR				MODEL NUMBER:				D35S				
SIZE / K FACTOR:	10 / 0.55				CORRECTION FACTOR:				2.91				
MAXIMUM CFM DESIGN:	840				MAXIMUM CFM ACTUAL:				841				
MINIMUM CFM DESIGN:	300				MINIMUM CFM ACTUAL:				300				
HEATING CFM DESIGN:	420				MAXIMUM CFM ACTUAL:				421				
AREA SERVED	NO.	CODE	SIZE	AK	DESIGN		INITIAL		% OF DESIGN	FINAL		% OF DESIGN	
					FPM	CFM	FPM	CFM		FPM	CFM		
DISP. 140	1	SD-1	8"	F.H.	-	210	-	170	81%	-	209	100%	
DISP. 140	2	SD-1	8"	F.H.	-	210	-	218	104%	-	206	98%	
DISP. 140	3	SD-1	8"	F.H.	-	210	-	200	95%	-	214	102%	
DISP. 140	4	SD-1	8"	F.H.	-	210	-	279	133%	-	212	101%	
FPB 1-17						840		867	103%		841	100%	

TERMINAL UNIT DATA													
TERMINAL UNIT ID:					AREA SERVED:								
MANUFACTURER:					MODEL NUMBER:								
SIZE / K FACTOR:					CORRECTION FACTOR:								
MAXIMUM CFM DESIGN:					MAXIMUM CFM ACTUAL:								
MINIMUM CFM DESIGN:					MINIMUM CFM ACTUAL:								
HEATING CFM DESIGN:					MAXIMUM CFM ACTUAL:								
AREA SERVED	NO.	CODE	SIZE	AK	DESIGN		INITIAL		% OF DESIGN	FINAL		% OF DESIGN	
					FPM	CFM	FPM	CFM		FPM	CFM		

REMARKS:

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MAIN LEVEL HVAC PLAN

SCALE: 1/8"=1'-0"

NOTES:

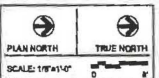
- ① RELOCATED THERMOSTATS TO BE CONNECTED TO EXISTING BUILDING CONTROL SYSTEM.
- ② NEW RETURN GRILLES 24"x24"
- ③ INSULATE NEW SUPPLY DUCT RUNS AND BRANCHES, MIN R-8.
- ④ RELOCATE FIRE SPRINKLER HEADS TO ACCOMMODATE NEW WORK AS ACCORDANT TO FIRE CODE AND LOCAL AMENDMENTS.

ARCHITECTURE | INTERIOR DESIGN
2440 1st Street
Berkeley, CA 94704
949.433.1111



REBID REV.
08.07.2017

REV	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	08/07/2017



WTA MOAB
INTERIOR
REMODEL
WHATCOM TRANSPORTATION
AUTHORITY
MAIN LEVEL
HVAC PLAN

PROJECT No.	2018-07
DESIGNED BY	CSA
CHECKED BY	SLB
DATE DESIGNED	08/07/2017

M2.0