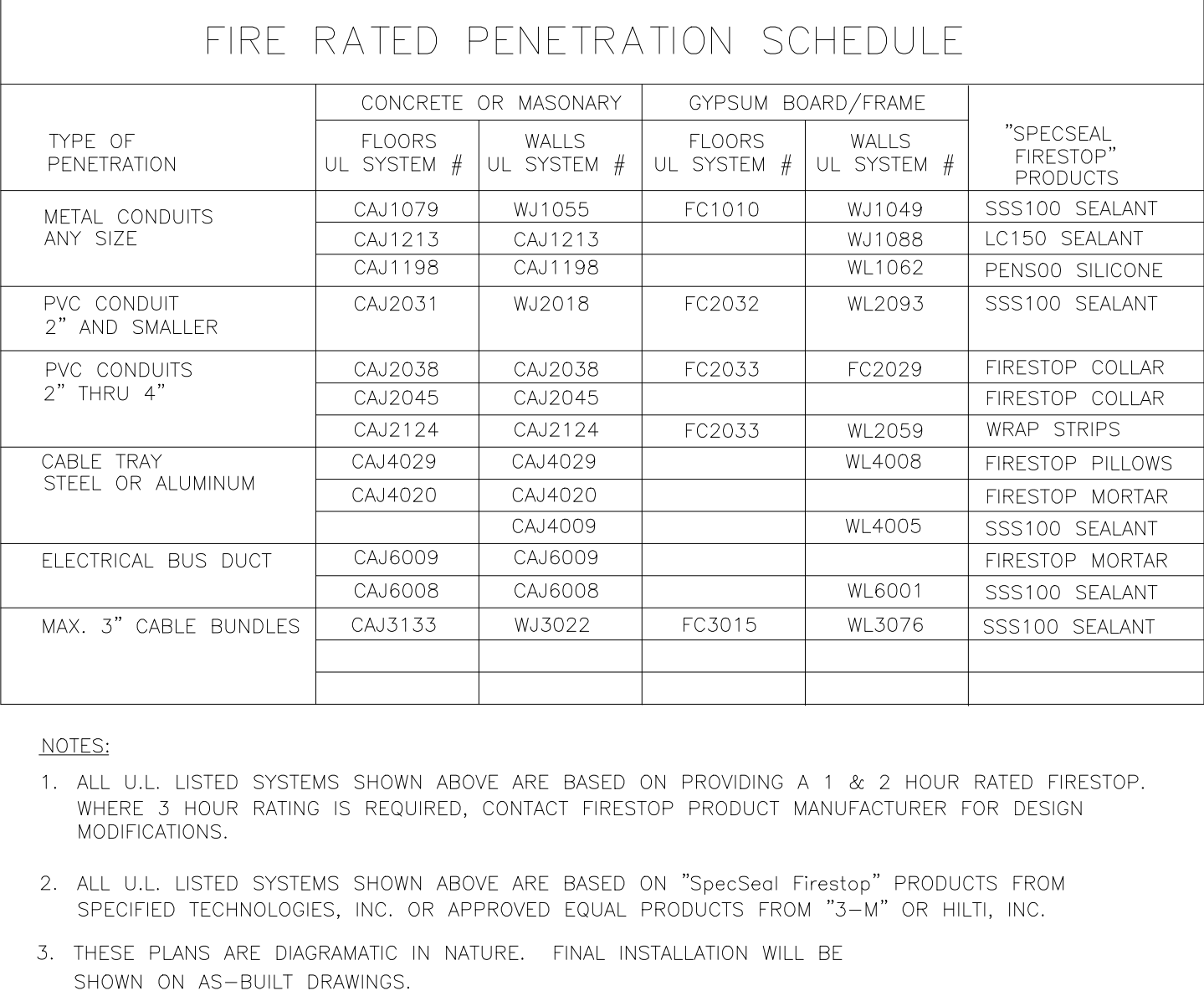
[illegible][illegible]

Current Draws for Fire Communicator							
DualComNF-FLV							
Device	Device Standby Current	Device Alarm Current	Quantity	Total Standby Draw	Total Alarm Draw	Wire Size	Alarm Mn
DualComNF-FLV	0.63	0.062	1	0.63	0.062	18	5
				0	0		
				0	0		
				0	0		
				0	0		
				0	0		
						Standby Hours	24
						Alarm Current	0.062
						Battery s Required	9.500
Total Battery Calculation Standby = 0.720							
Alarm Current Standby = 0.007						Batteries Supplied (Nf)	

Voltage drop Calculations & Current Draws for NACP #2															
PSN-106															
		Circuit #7		Circuit #8		Circuit #9		Circuit #10		Circuit #11		Circuit #12			
Device	Current Draw	Quantity	Total Current	Quantity	Total Current	Quantity	Total Current	Quantity	Total Current	Quantity	Total Current	Quantity	Total Current		
CO224TR	0.040	7	0.28	5	0.2	6	0.24	0	0						
Current for Circuit			0.28		0.2		0.24		0		0				
Wire Length P for Circuit			200		245		220								
Max Wire Run Distance for AVG			229		318		202								
Actual Voltage Drop for Circuit			0.587		0.913		0.937								
Max Volt Drop for Circuit			4.600		4.600				4.400		4.400		4.400		
Device	Device Standby Current	Device Alarm Current	Quantity	Total Standby Draw	Total Alarm Draw	Max Circuit Amps	Wire Size	Alarm Min	Max Panel Amps						
PSN-106	0.06	0.2	1	0.06	0.2	3	14	5	5						
				0											
				0											
				0											
				0											
				0											
										Standby Hours		24			
Power Supply Min Voltage										20.400		Alarm Current		0.920	
Power Supply Max Voltage										28.800		Alarm Current		1.850	
Device Min Operating Voltage										16.000		Alarm Current Min		0.076	
												Batteries Supplied (AH):		7	

		
PLAN TYPE: FIRE ALARM SYSTEM DEVICE LOCATIONS		
 BC ENGINEERS INCORPORATED 5720 Reeder Shawnee, Ks. 66203 (816) 265-1772		
 17020 E. 40 Hwy. Ste 1 Independence, MO 64055 Office: (816) 709-3358		
Midwest Alarm Services 9745 Widmer Rd. Lenexa, KS 66215 913-677-5771		
The Learning Experience Arborwalk West Lees Summit, MO 64082		
5/6/2024 		
NO	REVISION	DATE
1	Pull Station Add	05/03/2024 JES
DATE:		04/05/2024
LAYOUT BY:		
DANIEL HEBBLETHWAITE, ET		
NICET #107102		
SCALE:		1/8" = 1'-0"
FA-1 of FA-1		