

George Mason University - Fairfax Campus - Performing Arts Building Addition

Building Program Verification Services for New Performing Arts Building Addition

HUGHES GROUP ARCHITECTS, INC. PERFORMANCE ARCHITECTURE, L.L.C.

Date: 4/13/2007

	No. Spaces	Room / Space Dimensions				Net SF per Space	Sub-Total NSF	Acoustic Adj. Factor	Sub-Total Adj. NSF	Schematic Design Phase Programming		Occupancy	Critical Space Adjacencies	Remarks & Program Questions	
		W'	x	L'	x					H'	Allocated NSF				Delta
I. DANCE															
I-1. Rehearsal-Studio															
I-1.1.	2	43'	x	60'	x	20'	2580	5160	1.12	5,779	5,518	358	50	Other Dance Studios	Occupancy = 25-occupants/studio
I-1.2.	4	4'	x	8'	x	8'	32	128	1.00	128	0	-128			Verify Movement Studio Use RE: Sound Locks?
I-1.3.	2	4'	x	42'	x	8'	168	336	1.00	336	0	-336			
I-1.4.	2	2'	x	4'	x	8'	8	16	1.00	16	0	-16			
I-2. Lockers															
I-2.1.	2	20'	x	22'	x	9'	440	880	1.00	880	853	-27	60	I-1.1. + other Dance Studios	
I-2.2.	1	20'	x	22'	x	9'	440	440	1.00	440	440	0	30	I-1.1. + other Dance Studios	Provide ice machine if Wellness not part of program
I-2.3.	0	10'	x	20'	x	8'	200	0	1.00	0	-	-	4	I-1.1. + other Dance Studios	
I-2.4.	0	10'	x	20'	x	8'	200	0	1.00	0	-	-	4	I-1.1. + other Dance Studios	
I-3. Wellness-Conditioning-Rehabilitation															
I-3.1. Wellness-Therapy-Athletic Training Facility															
I-3.1.1.	0	24'	x	25'	x	12'	600	0	1.05	0	624	624	20	I-1.1. + other Dance Studios	
I-3.1.2.	0	4'	x	10'	x	8'	40	0	1.00	0	-	-	0	I-3.1.1.	
I-3.1.3.	0	10'	x	10'	x	8'	100	0	1.00	0	112	112	2	I-3.1.1.	
I-3.1.4.	0	10'	x	10'	x	8'	100	0	1.00	0	111	111	1	I-3.1.1.	
I-4. Faculty-Staff Offices-Studios															
I-4.1.	0	10'	x	12'	x	8'	120	0	1.00	0	-	-	5	I-1.1. + other Dance Studios	
I-4.2.	0	20'	x	20'	x	8'	400	0	1.00	0	-	-	4	I-1.1. + other Dance Studios	
I-5. Faculty-Staff-Student Support															
I-5.1.	0	10'	x	20'	x	9'	200	0	1.00	0	947	947	10	I-1.1. + other Dance Studios	
I. Subtotals - DANCE															
	13							6,960		7,579	8,605	1,645	198		
II. MUSIC															
II-1. Rehearsal-Ensemble															
II-1.1. Instrumental-Large Band Rehearsal Hall															
II-1.1.1.	1	63'	x	80'	x	24'	5040	5040	1.12	5,645	4,800	-240	250		250-piece Band or 100-piece Orchestra + 150-voice Choir
II-1.1.2.	2	6'	x	10'	x	8'	60	120	1.12	134	217	97	0		
II-1.1.3.	1	6'	x	58'	x	9'	348	348	1.12	390	538	190	0		Dedicated Percussion Storage must have identical acoustic construction as Rehearsal Hall
II-1.1.4.	1	2'	x	6'	x	8'	12	12	1.12	13	-	-	0		
II-1.2. Percussion Rehearsal Hall															
II-1.2.1.	1	24'	x	30'	x	16'	720	720	1.15	828	740	20	20		250-piece Band or 100-piece Orchestra + 150-voice Choir
II-1.2.2.	1	8'	x	12'	x	8'	96	96	1.15	110	122	26	0		
II-1.2.3.	1	4'	x	24'	x	16'	96	96	1.15	110	87	-9	0		
II-2. Faculty-Staff Offices-Studios															
II-2.1.	0	10'	x	12'	x	8'	120	0	1.00	0	-	-	0		
II-2.2.	0	10'	x	15'	x	8'	150	0	1.00	0	-	-	0		
II-3. Instrument Storage															
II-3.1.	1	20'	x	40'	x	9'	800	800	1.00	800	326	-474	0		
II. Subtotals - MUSIC															
	9							7,232		8,031	6,830	-390	270		
III. PAB ADDITION - NEW LOBBY + SUPPORT															
III-1. New PAB Building Addition Public Lobby															
III-1.1.	1	8'	x	16'	x	9'	128	128	1.00	128	227	99	0		
	1	8'	x	8'	x	9'	64	64	1.00	64	0	-64	1		
	1	20'	x	20'	x	12'	400	400	1.00	400	2,099	1,699	75		Assume 5-SF/Occupant
	1	12'	x	24'	x	8'	288	288	1.00	288	209	-79	0		
	1	15'	x	24'	x	8'	360	360	1.00	360	275	-85	0		
										0	88	88			
										0	413	413			
										0	1,403	1,403			
										0	276	276			
III. Subtotals - PAB ADDITION - NEW LOBBY + SUPPORT															
	5							1,240		1,240	4,990	3,750	76		
SUMMARY: Subtotals - New PAC Building Addition Areas															
	27							15,432		16,850	20,425	5,005	544		
New PAB Building Addition AUXILIARY SF - Assume 70% Efficiency Factor															
	-									7,222	8,754				
TOTALS															
										24,072					
IV. Existing Space Renovations for New PAB Building Addition															
IV-1.1.	-	-	x	-	x	-	-	-	-	8,000					Assume New Bldg. Addition Utilities supplied by existing PAB
IV-1.2.	-	-	x	-	x	-	-	-	-	1,360					
TOTALS															
										32,072					
V. Design Contingency															
V-1.1.	-	-	x	-	x	-	-	-	-						
TOTALS															
										32,072					