Use and Occupancy Classification		Business Group B (304.1), Business (6.1.11)					
Construction Type		Type III A (602.3) Exterior walls are of non-combustible material and interior building elements are of any material permitted by code					
Automatic Sprinkler System		The building is currently fully sprinklered per NFPA 13					
1. Existing Stru	ucture Information						
			Building Area	Renovation Area			
	Lower Level		25,350 sq ft	11,905 sq ft			
	First Floor		25,000 sq ft	275 sq ft			
	Second Floor		25,000 sq ft	0 sq ft			
	Third Floor		25,000 sq ft	0 sq ft			
	Fourth Floor		25,000 sq ft	0 sq ft			
	Fifth Floor		25,000 sq ft	0 sq ft			
	Totals		150,350 sq ft	12,180 sq ft			
	Number of Stori	es above Grade	5 w/ basement				
	Building height		approx. 80ft				
2. Allowable A	rea (Table 503)						
	Allowable area p	Allowable area per floor					
	Allowable heigh	Allowable height					
	Allowable numb	er of stories	5				
3 Height and	Area Modification with	Automatic Sprinkler	System (504.2)				
21310.3.1.01	Allowable height	· · · · · · · · · · · · · · · · · · ·	1 Story, 20 ft				
Total allo	wable height with mo		6 Stories, 85ft				
		re within the permitte	,				

Rm#	Occupied Spaces  PHASE ONE	Area	Occupancy	Actual Design	Use Classification
002	Gallery Lobby	Net Sq. Ft. 215	Load 15	Occupancy	Assembly space = 15
003	Recording Control Room	310	16		Educational = 20 net/person
004	Performing / Recording	430	22		II .
007	Music Classroom	835	42		"
800	Practice	49	3		"
009	Practice	35	2		"
010	Practice	35	2		"
	Existing Storage (phase one)	2,065	7		Storage Rm. = 300 /person
	Existing Unfinished Storage	5,450	18		Storage Rm. = 300 /person
	Existing Electrical	551	2		Mech. Equip. Rm. = 300/person
	Existing Mechanical (Boiler Room)	1,382	5		"
	Existing Mechanical (chiller room)	1,615	6		"
016	Photo Shooting Studio	1,043	21		Educational/Vocational = 50 net/person
019	Crewe Art Gallery	1,785	119		Gallery space = 15 net/perso
	Design Occupant Load		280		

Rm#	Occupied Spaces FUTURE PHASE TWO	Area Net Sq. Ft.	Occupancy Load	Actual Design Occupancy	Use Classification
	Darkroom	1,650	33		Educational vocational space = 50 net/person
	Darkroom Equip. check out	143	2		
	Majors	1,894	19		Business use = 100
	Digital Lab	1,071	22		Educational vocational space = 50 net/person
	Critique Room	250	13		Educational Classroom space = 20 net/person
	Phase II Occupant Load		89		
	Total Phase I and II		369		

MINIMUM PLUMBING FIX I	JRES - UNIF	ORM PLUMB	ING CODE 2009	П		П	
	WATER CLOSETS		URINALS	LAVATORIES		Drinking Fountains	Rem
Required Fixtures For Colleges and Universities	1 : 40 male	1:30 female	1 per 35 males	1: 40 male	1: 40 female	1 per 150	
Students, 430* = 370 Current Enrollment Plus 60 Future	Male Students 160 max.	Female Students 270 max.	*assumes appro: 65% female	x. 35% male and	d Min. # total of	of Female fixture male WC and U	es to ed Irinals.
Required Fixtures For Student Enrollment	4 WC	11 WC	5 Urinals	5 Lavs	8 Lavs	4 DF	
Staff Fixture Requirements For ALL Schools	4 per 56-96	4 per 56-96	1 per 50	1: 40 male	1: 40 female	none	
All Staff And Faculty 132*	Male Staff 66	Female Staff 66	*assumes no mo total faculty in bu		Min. # ne total of	of Female fixture male WC and U	es to ed Irinals.
Required Staff Fixtures	4 WC	6 WC	2 Urinals	2 Lavs	2 Lavs	none	
ICA Galleries 3,084 Sf @ 30 Sf /Person	1 : 100 male	4: 51-100 female	1 : 100 male	1: 1-200 male	1: 1-200 female	1 per 150	
General Public 104	Males 52	Females 52		Males 52	Females 52		
Required Public Fixtures	1 WC	4 WC	1 Urinal	1 Lav	1 Lav	1 DF	
TOTAL FIXTURES REQ'D.	10 WC	21 WC	8 Urinals	8 Lavs	11 Lavs	5 DF	
CURRENT FIXTURES PROVIDED	11 WC	19 WC	8 Urinals	11 Lavs	11 Lavs		

MINIMUM PLUMBING FIXTURES - UNIFORM PLUMBING CODE 2009 For current enrollment = 370 STUDENTS

: 40 male | 1: 30 female

Students Students

4 per 56-96 4 per 56-96

: 100 male 4: 51-100

240 max.

8 WC

66

Females 52

4 WC

18 WC

130

4 WC

66

4 WC

Males 52

1 WC

Required Fixtures For Colleges and Universities

Students 370 Current Enrollment

Required Fixtures For Student Enrollment

For ALL Schools

General Public 104

All Staff And Faculty

Required Staff Fixtures

ICA Galleries 3,084 Sf @ 30 Sf /Person

Required Public Fixtures

CURRENT FIXTURES PROVIDED

NO ADDITIONAL FIXTURES REQUIRED

TOTAL FIXTURES REQ'D. 9 WC

Staff Fixture Requirements

URINALS

1 per 35 males

4 Urinals

7 Urinals

\*assumes gender split of appox. 35% male and 65% female

\*assumes no more than 70% of total faculty in

2 Lav

1:100 male | 1:1-200 male | 1:1-200

Males 52

7 Lav

8 Urinals 11 Lavs 11 Lavs

building at any time

4 Lavs

LAVATORIES

1: 40 male | 1: 40 female | 1 per 150

6 Lavs

1: 40 male | 1: 40 female | | none

Females 52

1 Lav

9 Lav

3 DF

Remarks

Structu	Structural Frame					
Load b	earing exterior walls		2 hours	3		
Load b	earing interior walls		1 hour			
	Non-load bearing exterior walls (fire separation distance less than 30 ft.)					
	Non-load bearing exterior walls (fire separation distance greater than 30 ft.)  Floor construction  Roof construction			3		
Floor c						
Roof co						
Shaft e	Shaft enclosures			3		
Exit en	Exit enclosures			3		
Corrido	rs		0 hour	Table 1018.1 w/	sprinkler svsvt	em
					siness occupancy)	
MEANS OF EGRESS C	OMPONENTS	'		'		
Exit ac	cess travel distance with a	utomatic sp	rinkler s	ystem	300 ft	(IBC Table 1016.1) and NFPA 39.2.6.3
Minimu	m number of exits required	d per floor			2 (IBC	Table 1021.1) and NFPA 39.2.4
Numbe	r of exits provided per floo		(2) for Lower Flr. and (3) for others			
Spaces	with (1) means of Egress	allowed wh	nen occ.	load less than 50 in	Group B	IBC Table 1015.1
Comm	on path of travel in group E	fully sprint	klered bu	ildings.		100 ft (IBC 1014.3) and NFPA 39.2.5.3
An are	a of refuge is provided in e	ach exit sta	irway or	each floor level (7.2	2.12)	
Component Description  Area Served =1/2 total area		Oc	SE TWC ccupant oad **	Width Required	Width Provided	** Occ. load for Stair 001 & 002 calculated based on 1/4 Art Gallery load plus 1/2 all other Occupied areas. (250 / 2) + (119/2) / 2 = 155 Stair 003 based on 1/2 total Gallery occ.
Corridors	6,152 sq	ft 1.5	55 X .2"	31"	Min. 60"	load. 44" = required corridor min.
	6,152 sq		55 X .3"	31"	56"	·
Stair 001	•		55 X.3"	31"	44"	*NFPA 101, 7.2.2.2.1.1-(2) and Table 7.2.2.2.1.1(b) Existing
Stair 001	n 15/ \$0		0 A.S		56"	Stairs. (36" min. allowed for existing
Stair 002	6,152 sq		30 X 3"	18"		
	6,152 sq 893 sq		% X .3"	18"	30	
Stair 002	893 sq	ft 6	5 x .2" =	31"	36"	
Stair 002 Stair 003	893 sq	ft 6		31"		



