

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
& PROFESSIONAL FEE GUIDELINES**

SCG NO.: 00-028
Prepared by: G.AMARI
Checked by: L.SAYLOR

Date: 04/29/02

**SERIES A
STRUCTURAL/BUILDING CONFIGURATION MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	ONE-STORY CLASS/OFFICE	ONE-STORY CLASS/OFFICE 16'-0" FLOOR TO STRUCTURE	ONE-STORY HI BAY LONG SPAN FIELD-HOUSE GYMS	ONE-STORY HI BAY LONG SPAN LAB	TWO STORY CLASS/OFFICE	TWO STORY CLASS/OFFICE 16'-0" FLOOR TO FLOOR
		A-1	A-1A	A-2	A-2A	A-3	A-3A
2.0	SUBSTRUCTURE	11.61	12.93	11.11	13.55	10.53	11.57
3.0	STRUCTURE*	25.61	26.06	26.55	31.09	25.95	26.33
4.1	ENCLOSURE VERTICAL	13.76	13.76	13.76	13.76	13.43	16.98
4.2	ENCLOSURE HORIZONTAL**	5.96	5.96	5.96	5.96	2.96	2.96
4.3	SUPPORT ITEMS	2.53	2.53	2.53	2.53	4.38	4.65
5.1	INTERNAL VERTICAL	-	-	-	-	-	-
5.2	INTERNAL HORIZONTAL	-	-	-	-	-	-
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	-	-	-	-	-	-
6.0	BUILDING SPECIALTIES	-	-	-	-	-	-
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION***	-	-	-	-	2.28	2.98
10.2	HVAC***	-	-	-	-	-	-
11.0	ELECTRICAL***	-	-	-	-	-	-
TOTAL CONSTRUCTION COST / S.F.		\$59.47	\$61.24	\$59.91	\$66.89	\$59.53	\$65.47

NOTE

* Add \$.54/SF of roof area to structural costs for use of clay tile roof material.

** Add \$ 4.69/SF of roof area to enclosure horizontal costs for use of clay tile roof material.

*** Shell & core costs only

ARIZONA BOARD OF REGENTS
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SERIES A
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FLAGSTAFF

ITEM NO.	DESCRIPTION	FLAGSTAFF							TOTAL CONSTRUCTION COST / S.F.
		MULTI-STORY CLASS/OFFICE	MULTI-STORY 3-5 LAB	MULTI-STORY 3-5 CLASS/OFF. 16'-0" FLOOR TO FLOOR	MULTI-STORY 6-10 CLASS/OFFICE	MULTI-STORY THEATER COMPLEX	MULTI-STORY 6-10 LAB		
2.0	SUBSTRUCTURE	A-4 9.44	A-4A 10.95	A-4B 9.85	A-5 11.55	A-5A 26.01	A-5B 11.41		
3.0	STRUCTURE*	28.82	47.82	25.31	31.41	60.08	60.49		
4.1	ENCLOSURE VERTICAL	12.24	20.72	23.06	12.52	37.73	24.11		
4.2	ENCLOSURE HORIZONTAL**	2.00	2.24	1.74	1.22	9.44	0.98		
4.3	SUPPORT ITEMS	3.96	6.02	5.24	5.13	14.69	5.89		
5.1	INTERNAL VERTICAL	-	-	-	-	-	-		
5.2	INTERNAL HORIZONTAL	-	-	-	-	-	-		
5.3	SPECIAL FINISHES	-	-	-	-	-	-		
5.4	INTERIORS	-	-	-	-	-	-		
6.0	BUILDING SPECIALTIES	-	-	-	-	-	-		
7.0	EQUIPMENT	-	-	-	-	-	-		
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-		
9.0	CONVEYING	6.38	6.38	7.10	6.06	11.66	5.32		
10.1	PLUMBING & FIRE PROTECTION***	3.60	4.48	4.25	10.40		9.02		
10.2	HVAC***	5.79	7.24	6.39	7.95		7.48		
11.0	ELECTRICAL***	8.44	10.15	9.10	9.10		8.27		
TOTAL CONSTRUCTION COST / S.F.		\$80.67	\$116.00	\$92.04	\$95.34	\$159.61	\$132.97		

NOTE

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STRUCTURAL/BUILDING CONFIGURATION MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	ONE OR TWO STORY BELOW GRADE CLASS/OFFICE (BLDG ABOVE) A-6	ONE OR TWO STORY BELOW GRADE LAB (BLDG ABOVE) A-6A	ONE OR TWO STORY BELOW GRADE CLASSRM/OFF. NO BLDG. ABOVE) A-6B	RESIDENTIAL ONE OR TWO STORY A-7	RESIDENTIAL ONE OR TWO STORY WOOD FRAME A-7A	RESIDENTIAL 3-5 STORIES A-8
2.0	SUBSTRUCTURE	37.63	56.76	56.76	14.89	12.07	8.71
3.0	STRUCTURE*	20.90	39.44	41.35	20.14	13.57	24.94
4.1	ENCLOSURE VERTICAL	2.72	3.89	3.89	10.65	8.67	10.65
4.2	ENCLOSURE HORIZONTAL**	4.80	6.17	5.68	2.57	2.21	5.12
4.3	SUPPORT ITEMS	3.48	4.85	4.42	0.90	1.64	2.12
5.1	INTERNAL'S VERTICAL	-	-	-	-	-	-
5.2	INTERNAL'S HORIZONTAL	-	-	-	-	-	-
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	-	-	-	-	-	-
6.0	BUILDING SPECIALTIES	-	-	-	-	-	-
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-
9.0	CONVEYING	4.27	4.27	4.27	1.86	1.69	5.96
10.1	PLUMBING & FIRE PROTECTION***	-	-	-	-	-	6.51
10.2	HVAC***	-	-	-	-	-	1.79
11.0	ELECTRICAL***	-	-	-	-	-	2.17
TOTAL CONSTRUCTION COST / S.F.		\$73.80	\$115.38	\$116.37	\$51.01	\$39.85	\$67.97

NOTE

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** Add \$ 4.69/SF of roof area to enclosure horizontal costs for use of clay tile roof material.

***Shell & core costs only

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**SERIES A
STRUCTURAL/BUILDING CONFIGURATION MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	RESIDENTIAL 6-10 STORIES	PARKING STRUCTURE TO 3 LEVELS SEISMIC ZONE 2	PARKING STRUCTURE 4-5 LEVELS SEISMIC ZONE 2	PARKING STRUCTURE 1 OR 2 LEVELS BELOW GRADE SEISMIC ZONE 2	PRE-ENGINEERED BUILDING GREENHOUSE 550-1132 SF	PRE-ENGINEERED BUILDING GREENHOUSE 1132-2264 SF
		A-9	A-10	A-11	A-12	A-13	A-14
2.0	SUBSTRUCTURE	7.47	4.69	4.49	12.19	4.72	4.72
3.0	STRUCTURE*	28.73	20.35	20.81	16.95	37.19	32.37
4.1	ENCLOSURE VERTICAL	12.62	1.84	2.21	2.14	17.93	16.64
4.2	ENCLOSURE HORIZONTAL**	1.81	1.75	1.93	1.88	12.11	11.24
4.3	SUPPORT ITEMS	4.70	0.75	1.11	0.78	6.51	6.04
5.1	INTERNAL VERTICAL	-	0.36	0.30	0.28	-	-
5.2	INTERNAL HORIZONTAL	-	0.08	0.08	0.05	-	-
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	-	-	-	-	-	-
6.0	BUILDING SPECIALTIES	-	0.21	-	-	-	-
7.0	EQUIPMENT	-	0.21	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	0.15	0.98	-	-
9.0	CONVEYING	5.60	0.47	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION***	7.84	0.68	0.46	0.50	-	-
10.2	HVAC***	1.93	-	0.68	2.51	-	-
11.0	ELECTRICAL***	3.88	1.14	1.33	0.70	-	-
	TOTAL CONSTRUCTION COST / S.F.	\$74.58	\$32.53	\$33.55	\$40.40	\$78.46	\$71.01

NOTE

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- ** Add \$ 4.69/SF of roof area to enclosure horizontal costs for use of clay tile roof material.
- ***Shell & core costs only

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ITEM NO.	DESCRIPTION	PRE-ENGINEERED BUILDING WAREHOUSE 1 STORY					
2.0	SUBSTRUCTURE	A-15	-	-	-	-	-
3.0	STRUCTURE*	5.95	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	11.73	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL**	11.40	-	-	-	-	-
4.3	SUPPORT ITEMS	9.79	-	-	-	-	-
5.1	INTERNAL VERTICAL	3.95	-	-	-	-	-
5.2	INTERNAL HORIZONTAL	-	-	-	-	-	-
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	-	-	-	-	-	-
6.0	BUILDING SPECIALTIES	-	-	-	-	-	-
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION***	-	-	-	-	-	-
10.2	HVAC***	-	-	-	-	-	-
11.0	ELECTRICAL ***	-	-	-	-	-	-
TOTAL CONSTRUCTION COST / S.F.		\$42.82	-	-	-	-	-

NOTE

* Add \$.54/SF of roof area to structural costs for use of clay tile roof material.

** Add \$ 4.69/SF of roof area to enclosure horizontal costs for use of clay tile roof material.

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SERIES B-100
 INTERIORS / BUILDING USE MATRIX

FLAGSTAFF

ITEM NO.	DESCRIPTION	CLASSROOM SEMINAR (TO 25)	CLASSROOM SEMINAR (TO 40)	LECTURE CLASSROOM (TO 75)	LECTURE CLASSROOM W/TF5 (TO 75)	LECTURE CLASSROOM (200) TYPE A	LECTURE CLASSROOM (200) TYPE B
2.0	SUBSTRUCTURE	B-110	B-111	B-112	B-113	B-114	B-115
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	12.54	10.88	8.61	11.33	6.84	6.84
5.2	INTERNAL HORIZONTAL	7.30	7.30	7.30	7.30	7.83	7.83
5.3	SPECIAL FINISHES	-	-	-	1.29	0.67	0.67
5.4	INTERIORS	-	-	3.69	3.69	5.20	5.20
6.0	BUILDING SPECIALTIES	3.53	2.85	2.11	2.11	1.44	1.44
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	3.61	2.37
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	1.72	2.44	2.17	2.17	21.58	13.61
10.2	HVAC*	17.78	16.90	17.78	17.78	17.96	17.96
11.0	ELECTRICAL**	31.23	31.23	33.02	36.62	34.83	32.65
TOTAL CONSTRUCTION COST / S.F.		\$74.10	\$71.60	\$74.68	\$82.29	\$99.96	\$88.57

NOTE:

* Added DDC Controls

** Added Class "A" Fire Alarm System

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SERIES B-100
INTERIORS / BUILDING USE MATRIX

Date: 04/29/02

ITEM NO.	DESCRIPTION	FLAGSTAFF							
		STUDIO CLASSROOM	EXHIBIT SPACE	MUSIC ROOM LARGE GROUP	MUSIC ROOM PRACTICE SMALL GROUP	HIGHLY MEDIATED LECTURE CLASS (TO 400)	HIGHLY MEDIATED CLASSROOM (TO 45)	TOTAL	
2.0	SUBSTRUCTURE	B-116	B-117	B-118	B-119	B-120	B-121		
3.0	STRUCTURE	-	-	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-	-	-
5.1	INTERNALS VERTICAL	8.21	6.25	7.07	8.24	6.80	10.88		
5.2	INTERNALS HORIZONTAL	5.37	7.30	11.79	10.94	6.80	10.48		
5.3	SPECIAL FINISHES	-	2.68	0.90	2.87	1.34	-		
5.4	INTERIORS	3.04	-	0.98	-	4.97	-		
6.0	BUILDING SPECIALTIES	1.62	-	1.86	-	9.70	7.14		
7.0	EQUIPMENT	-	-	-	-	-	-		
8.0	SPECIAL CONSTRUCTION	2.37	-	3.63	-	3.98	19.04		
9.0	CONVEYING	-	-	-	-	-	-		
10.1	PLUMBING & FIRE PROTECTION	6.06	1.94	1.94	3.22	3.15	3.15		
10.2	HVAC*	18.83	19.24	18.15	18.07	21.14	19.72		
11.0	ELECTRICAL**	32.92	33.45	33.45	35.11	27.32***	77.35		
	TOTAL CONSTRUCTION COST / S.F.	\$78.42	\$70.86	\$79.77	\$78.45	\$85.20	\$147.76		

NOTE:

* Added DDC Controls

** Electrical added Class "A" Fire Alarm

*** If each student station requires access to data jack and isolated power, add \$47.45 to the electrical cost

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**SERIES B-100
INTERIORS / BUILDING USE MATRIX**

Date: 04/29/02

FLAGSTAFF

ITEM NO.	DESCRIPTION	HIGHLY MEDIATED CLASSROOM (TO 75)	MULTI-MEDIA CLASSROOM (TO 250)	INTERACTIVE TV LECTURE CLASSROOM (TO 90)	INTERACTIVE TV CLASSROOM FLEXIBLE (TO 40)	INTERACTIVE TV CLASSROOM FIXED (TO 40)
		B-122	B-123	B-124	B-125	B-126
2.0	SUBSTRUCTURE	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-
5.1	INTERNAL VERTICAL	9.89	9.89	11.37	11.37	11.37
5.2	INTERNAL HORIZONTAL	10.52	10.52	7.30	10.52	7.30
5.3	SPECIAL FINISHES	-	-	2.33	-	-
5.4	INTERIORS	-	-	3.53	3.99	3.99
6.0	BUILDING SPECIALTIES	7.14	7.67	9.71	4.47	9.71
7.0	EQUIPMENT	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	19.04	19.04	21.00	19.04	-
9.0	CONVEYING	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	3.06	3.06	3.06	3.06	3.06
10.2	HVAC*	19.72	19.72	23.08	23.97	23.97
11.0	ELECTRICAL**	76.56	76.56	52.23	46.78	46.78
	TOTAL CONSTRUCTION COST / S.F.	\$145.93	\$146.46	\$133.61	\$123.20	\$106.18

NOTE:
* Added Direct Digital Controls
** Added Class "A" Fire Alarm

**ARIZONA BOARD OF REGENTS
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SERIES B-200
INTERIORS / BUILDING USE MATRIX

Date: 04/29/02

FLAGSTAFF

ITEM NO.	DESCRIPTION	CLASSROOM LAB (TO 30) TYPE A	CLASSROOM LAB (TO 30) TYPE B	CLASSROOM LAB (TO 30) TYPE C	HAZARDOUS MATERIAL STORAGE	INDIVIDUAL STUDY/LAB (TO 30) TYPE A	INDIVIDUAL STUDY/LAB (TO 30) TYPE B
2.0	SUBSTRUCTURE	B-210	B-220	B-221	B-225	B-230	B-235
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	9.60	9.60	11.20	11.20	10.86	10.86
5.2	INTERNAL HORIZONTAL	5.96	5.96	7.30	5.96	5.04	1.87
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	40.54	40.54	40.54	-	37.84	37.84
6.0	BUILDING SPECIALTIES	1.90	2.13	2.67	-	1.75	2.05
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	31.59	16.10	14.41	31.59	30.59	16.10
10.2	HVAC	47.14	33.85	23.93	23.93	47.14	33.85
11.0	ELECTRICAL	51.94	39.27	42.02	42.02	51.94	39.27
	TOTAL CONSTRUCTION COST / S.F.	\$188.67	\$147.45	\$142.07	\$114.70	\$185.16	\$141.84

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**SERIES B-200
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	INDIVIDUAL STUDY/RESEARCH LAB, SMALL TYPE A	INDIVIDUAL STUDY/RESEARCH LAB, SMALL TYPE B	RESEARCH LARGE TYPE A	RESEARCH LARGE TYPE B	RESEARCH MEDICAL LAB 6 PERSON
2.0	SUBSTRUCTURE	B-236	B-237	B-238	B-239	B-240
3.0	STRUCTURE	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-
5.1	INTERNAL VERTICAL	15.53	15.53	5.95	5.95	11.62
5.2	INTERNAL HORIZONTAL	5.04	5.04	5.04	5.04	5.04
5.3	SPECIAL FINISHES	-	-	-	-	-
5.4	INTERIORS	18.92	18.92	13.27	13.27	18.22
6.0	BUILDING SPECIALTIES	3.37	3.37	0.70	0.70	3.21
7.0	EQUIPMENT	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	30.59	16.12	25.70	15.99	40.23
10.2	HVAC	47.14	33.85	34.38	30.38	44.77
11.0	ELECTRICAL	54.25	41.42	42.90	42.90	47.98
TOTAL CONSTRUCTION COST / S.F.		\$174.84	\$134.25	\$127.94	\$114.23	\$171.07

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**SERIES B-300
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	OFFICE (100-150 SF)	OFFICE (150+SF)	CONFERENCE ROOM (TO 25)	CONFERENCE ROOM (ADVANCED TV)	OPEN OFFICE AREA, MODULAR WORK STATION (100 SF/STA)
		B-310	B-311	B-350	B-351	B-360
2.0	SUBSTRUCTURE	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-
5.1	INTERNAL VERTICAL	12.57	12.31	14.11	12.87	12.31
5.2	INTERNAL HORIZONTAL	7.30	7.30	7.30	7.30	7.30
5.3	SPECIAL FINISHES	-	-	-	-	-
5.4	INTERIORS	-	-	-	-	-
6.0	BUILDING SPECIALTIES	-	-	4.66	3.88	-
7.0	EQUIPMENT	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	6.80	6.80	6.80	6.80	6.80
10.2	HVAC	17.91	17.91	25.54	27.48	17.91
11.0	ELECTRICAL	32.12	32.12	36.62	39.52	36.62
	TOTAL CONSTRUCTION COST / S.F.	\$76.70	\$76.44	\$95.03	\$97.85	\$80.94

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**SERIES B-400
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	READING/STUDY ROOM	COMPUTER COMMONS	STACKS	OPEN STACK READING ROOM	LIBRARY WORK ROOM	INDIVIDUAL STUDY ROOM
		B-410	B-410A	B-420	B-430	B-440	B-450
2.0	SUBSTRUCTURE	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	6.25	6.25	5.48	4.79	11.23	15.79
5.2	INTERNAL HORIZONTAL	7.30	7.30	7.30	7.30	7.30	7.30
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	-	-	21.14	11.16	13.78	9.93
6.0	BUILDING SPECIALTIES	-	4.47	2.56	-	2.88	3.39
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	19.04	-	2.73	-	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	1.94	4.94	7.63	1.94	6.06	8.07
10.2	HVAC	15.46	21.59	19.82	19.82	19.73	21.44
11.0	ELECTRICAL	31.66	70.49	30.76	30.76	30.68	32.12
	TOTAL CONSTRUCTION COST / S.F.	\$62.60	\$134.08	\$94.69	\$78.51	\$91.66	\$98.04

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
& PROFESSIONAL FEE GUIDELINES**

SCG NO.: 00-028
Prepared by: G.AMARI
Checked by: L.SAYLOR

Date: 04/29/02

**SERIES B-400
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	ARCHIVE ARTIFACTS STORAGE 4000 SF B-460A	ARCHIVE ARTIFACTS EXHIBITION 2000 SF B-460B				
2.0	SUBSTRUCTURE	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE, VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE, HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL, VERTICAL	11.20	11.94	-	-	-	-
5.2	INTERNAL, HORIZONTAL	5.96	6.56	-	-	-	-
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	19.27	26.97	-	-	-	-
6.0	BUILDING SPECIALTIES	2.08	0.86	-	-	-	-
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	18.56	21.82	-	-	-	-
10.2	HVAC	32.20	34.66	-	-	-	-
11.0	ELECTRICAL	40.48	45.16	-	-	-	-
TOTAL CONSTRUCTION COST / S.F.		\$129.75	\$147.97				

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
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SCG NO.: 00-028
Prepared by: G. AMARI
Checked by: L. SAYLOR
Date: 04/29/02

**SERIES B-500
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	ATH/PHYS EDUC/REC (LOCKER/SHOWER)	ATH/PHYS EDUC/REC (LARGE GYM)	ATH/PHYS EDUC/REC (SMALL GYM)	ATH/PHYS EDUC/REC (SPECIAL COURTS)	ATH/PHYS EDUC/REC (SPECIAL SEATING)	STUDIO AUDIO VISUAL TV
		B-520	B-521	B-522	B-523	B-524	B-530
2.0	SUBSTRUCTURE	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	12.17	5.30	6.13	52.66	4.50	6.96
5.2	INTERNAL HORIZONTAL	9.56	3.18	3.18	13.94	3.52	6.61
5.3	SPECIAL FINISHES	30.61	21.31	11.15	-	-	0.90
5.4	INTERIORS	10.73	-	6.40	-	-	4.95
6.0	BUILDING SPECIALTIES	4.66	2.39	0.81	-	2.39	0.68
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	20.89	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	22.24	4.46	6.06	-	2.79	2.79
10.2	HVAC	12.54	8.24	8.24	15.93	7.84	16.01
11.0	ELECTRICAL	25.80	33.22	33.22	22.65	29.41	65.47
	TOTAL CONSTRUCTION COST / S.F.	\$128.31	\$78.10	\$75.19	\$105.18	\$71.34	\$104.37

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
& PROFESSIONAL FEE GUIDELINES**

SCG NO.: 00-028
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Date: 04/29/02

**SERIES B-500
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	CLINIC EXAM ROOM NON-HEALTH	ANIMAL QUARTERS (RESEARCH MED & BIO)	ANIMAL QUARTERS (RESEARCH AGRICULTURAL)	GREENHOUSE (PROPAGATION)	GREENHOUSE TESTING	CLEANROOM (CLASS 100) 2700 SF
		B-540	B-570	B-571	B-580	B-581	B-590
2.0	SUBSTRUCTURE	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	12.31	9.28	9.28	14.18	14.18	70.97
5.2	INTERNAL HORIZONTAL	7.30	16.07	16.07	8.07	8.07	50.22
5.3	SPECIAL FINISHES	-	-	-	-	-	-
5.4	INTERIORS	13.48	-	-	3.17	3.17	120.02
6.0	BUILDING SPECIALTIES	2.45	-	-	-	-	-
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	0.24	0.24	13.46	13.46	14.64
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	2.79	19.55	19.55	7.02	9.77	40.51
10.2	HVAC	17.28	35.74	15.19	8.16	10.30	50.44
11.0	ELECTRICAL	30.68	47.45	46.55	23.45	23.45	46.63
	TOTAL CONSTRUCTION COST / S.F.	\$86.29	\$128.33	\$106.88	\$77.51	\$82.40	\$393.43

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
& PROFESSIONAL FEE GUIDELINES**

SCG NO.: 00-028
Prepared by: G.AMARI
Checked by: L.SAYLOR
Date: 04/29/02

**SERIES B-500
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	CLEANROOM (CLASS 1000 SF) 27,000 SF							
		B-591							
2.0	SUBSTRUCTURE	-	-	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	72.91	-	-	-	-	-	-	-
5.2	INTERNAL HORIZONTAL	51.58	-	-	-	-	-	-	-
5.3	SPECIAL FINISHES	-	-	-	-	-	-	-	-
5.4	INTERIORS	93.95	-	-	-	-	-	-	-
6.0	BUILDING SPECIALTIES	-	-	-	-	-	-	-	-
7.0	EQUIPMENT	-	-	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	15.04	-	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	41.62	-	-	-	-	-	-	-
10.2	HVAC	28.62	-	-	-	-	-	-	-
11.0	ELECTRICAL	49.90	-	-	-	-	-	-	-
	TOTAL CONSTRUCTION COST / S.F.	\$353.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
& PROFESSIONAL FEE GUIDELINES**

SCG NO.: 98-53N
Prepared by: G.AMARI
Checked by: L.SAYLOR

**SERIES B-600
INTERIORS / BUILDING USE MATRIX**

Date: 04/29/02

FLAGSTAFF

ITEM NO.	DESCRIPTION	THEATER (HOUSE SIDE)	THEATER (STAGE & BACK, PERFORMING)	THEATER (STAGE & BACK, MUSICAL)	THEATER MULTI-MEDIA (STAGE & BACK)	SPECIALIZED MUSEUM SPACE	FOOD FACILITY PREP/SERVE
		B-610	B-611	B-612	B-613	B-620	B-630
2.0	SUBSTRUCTURE	-	-	-	-	-	-
3.0	STRUCTURE*	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL**	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	12.21	9.28	10.44	10.44	12.20	7.30
5.2	INTERNAL HORIZONTAL	16.14	4.75	3.39	7.47	7.15	5.97
5.3	SPECIAL FINISHES	7.05	4.63	6.94	4.63	23.71	16.67
5.4	INTERIORS	-	-	0.91	4.68	2.34	0.68
6.0	BUILDING SPECIALTIES	21.08	0.69	0.34	2.57	0.19	0.19
7.0	EQUIPMENT	-	57.75	52.66	57.04	-	64.74
8.0	SPECIAL CONSTRUCTION	4.95	-	-	-	-	-
9.0	CONVEYING	-	4.95	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	3.55	6.50	5.65	15.36	29.73	30.57
10.2	HVAC	20.94	15.38	13.38	30.67	16.97	16.35
11.0	ELECTRICAL	34.56	56.91	49.49	66.08	41.22	33.54
	TOTAL CONSTRUCTION COST / S.F.	\$120.48	\$160.84	\$143.20	\$198.94	\$133.51	\$176.01

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
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SCG NO.: 00-028
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Checked by: L.SAYLOR

Date: 04/29/02

**SERIES B-600
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	FOOD FACILITY DINING	CONCESSIONAIRE FAST FOOD	LOUNGE, LOBBY WAITING	BOOK STORE SHOPS	LARGE MEETING CONF. BALL ROOM
2.0	SUBSTRUCTURE	B-631	B-632	B-650	B-660	B-660
3.0	STRUCTURE	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-
5.1	INTERNAL VERTICAL	7.30	7.95	10.38	8.16	15.82
5.2	INTERNAL HORIZONTAL	5.42	5.42	8.26	9.01	13.94
5.3	SPECIAL FINISHES	16.67	15.06	18.02	-	18.16
5.4	INTERIORS	0.68	9.27	-	1.97	-
6.0	BUILDING SPECIALTIES	0.19	0.20	-	-	6.66
7.0	EQUIPMENT	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	12.25	16.14	2.79	11.99	3.15
10.2	HVAC	10.86	13.19	12.88	13.47	18.39
11.0	ELECTRICAL	37.77	35.37	36.44	34.13	41.58
TOTAL CONSTRUCTION COST / S.F.		\$91.14	\$102.60	\$88.77	\$78.73	\$117.70

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
& PROFESSIONAL FEE GUIDELINES**

SCG NO.: 00-028
Prepared by: G.AMARI
Checked by: L.SAYLOR

SERIES B-700
INTERIORS / BUILDING USE MATRIX

Date: 04/29/02

FLAGSTAFF

ITEM NO.	DESCRIPTION	DATA PROCESSING ROOM	SHOP MAINTENANCE FACILITIES & VEHICLES	WAREHOUSE	VEHICLE STORAGE (ENCLOSED NAU ONLY)
		B-710	B-720	B-730	B-740
2.0	SUBSTRUCTURE	-	-	-	-
3.0	STRUCTURE	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-
5.1	INTERNAL VERTICAL	15.00	10.54	2.48	5.25
5.2	INTERNAL HORIZONTAL	3.18	0.34	0.34	0.34
5.3	SPECIAL FINISHES	-	-	-	-
5.4	INTERIORS	-	6.90	-	-
6.0	BUILDING SPECIALTIES	0.45	0.35	0.09	-
7.0	EQUIPMENT	-	-	-	-
8.0	SPECIAL CONSTRUCTION	21.48	5.81	2.10	-
9.0	CONVEYING	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	25.53	18.45	4.11	4.11
10.2	HVAC	34.40	8.04	8.04	8.04
11.0	ELECTRICAL	34.74	29.69	7.33	7.33
	TOTAL CONSTRUCTION COST / S.F.	\$134.78	\$80.12	\$24.49	\$25.07

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
& PROFESSIONAL FEE GUIDELINES**

SCG NO.: 00-028
Prepared by: G.AMARI
Checked by: L.SAYLOR
Date: 04/29/02

**SERIES B-800
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	PATIENT ROOM & BATH	NURSE STATION	EMERGENCY ROOM	TREATMENT	MEDICAL LAB	WAITING
		B-810	B-830	B-840	B-850	B-860	B-880
2.0	SUBSTRUCTURE	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	13.75	13.43	14.61	13.43	14.99	11.55
5.2	INTERNAL HORIZONTAL	6.30	6.30	6.30	6.30	5.79	7.23
5.3	SPECIAL FINISHES	19.13	-	-	-	-	-
5.4	INTERIORS	4.15	49.58	22.80	21.48	77.33	-
6.0	BUILDING SPECIALTIES	2.88	4.13	3.85	6.61	6.61	-
7.0	EQUIPMENT	5.08	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	57.93	23.44	36.71	36.71	27.52	3.32
10.2	HVAC	20.55	9.56	26.49	26.49	48.13	9.14
11.0	ELECTRICAL	52.61	53.64	52.80	50.19	50.19	33.00
	TOTAL CONSTRUCTION COST / S.F.	\$182.38	\$160.08	\$163.56	\$161.21	\$230.56	\$64.24

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
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Checked by: L. SAYLOR

Date: 04/29/02

**SERIES B-800
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	X-RAY RADIOLOGY						
		B-890						
2.0	SUBSTRUCTURE	-	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	17.19	-	-	-	-	-	-
5.2	INTERNAL HORIZONTAL	6.30	-	-	-	-	-	-
5.3	SPECIAL FINISHES	-	-	-	-	-	-	-
5.4	INTERIORS	19.09	-	-	-	-	-	-
6.0	BUILDING SPECIALTIES	-	-	-	-	-	-	-
7.0	EQUIPMENT	-	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	8.94	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	22.42	-	-	-	-	-	-
10.2	HVAC	34.72	-	-	-	-	-	-
11.0	ELECTRICAL	52.80	-	-	-	-	-	-
TOTAL CONSTRUCTION COST / S.F.		\$161.46						

**ARIZONA BOARD OF REGENTS
CONSTRUCTION COST CONTROL
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SCG NO.: 00-028
Prepared by: G.AMARI
Checked by: L.SAYLOR

**SERIES B-900
INTERIORS / BUILDING USE MATRIX**

Date: 04/29/02

FLAGSTAFF

ITEM NO.	DESCRIPTION	RESIDENCE HALL (W/COMMON BATH)	RESIDENCE HALL (W/PRIVATE BATH)	RESIDENCE HALL (2 ROOMS W/COMMON BATH)	APARTMENT (W/COOKING FACILITIES)
		B-910	B-919	B-920	B-950
2.0	SUBSTRUCTURE	-	-	-	-
3.0	STRUCTURE	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-
5.1	INTERNALS VERTICAL	11.50	13.22	12.57	11.55
5.2	INTERNALS HORIZONTAL	5.04	5.46	5.46	5.46
5.3	SPECIAL FINISHES	2.48	1.65	1.65	1.65
5.4	INTERIORS	2.48	4.50	4.50	7.94
6.0	BUILDING SPECIALTIES	1.40	1.61	1.36	1.36
7.0	EQUIPMENT	0.43	-	-	5.73
8.0	SPECIAL CONSTRUCTION	-	-	-	-
9.0	CONVEYING	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	10.01	13.23	11.77	7.24
10.2	HVAC	8.64	8.64	7.66	6.60
11.0	ELECTRICAL	12.07	12.07	11.98	11.91
	TOTAL CONSTRUCTION COST / S.F.	\$54.05	\$60.38	\$56.95	\$59.44

**ARIZONA BOARD OF REGENTS
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SCG NO.: 00-028
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Checked by: L.SAYLOR

Date: 04/29/02

**NON-ASSIGNABLE AREAS
INTERIORS / BUILDING USE MATRIX**

FLAGSTAFF

ITEM NO.	DESCRIPTION	CIRCULATION B-WWW	CUSTODIAL B-XXX	MECHANICAL/ ELECTRICAL B-YYY	PUBLIC TOILET ROOMS B-ZZZ		
2.0	SUBSTRUCTURE	-	-	-	-	-	-
3.0	STRUCTURE	-	-	-	-	-	-
4.1	ENCLOSURE VERTICAL	-	-	-	-	-	-
4.2	ENCLOSURE HORIZONTAL	-	-	-	-	-	-
4.3	SUPPORT ITEMS	-	-	-	-	-	-
5.1	INTERNAL VERTICAL	8.15	8.62	6.68	12.91	-	-
5.2	INTERNAL HORIZONTAL	5.06	5.06	3.20	19.15	-	-
5.3	SPECIAL FINISHES	-	1.46	0.36	18.24	-	-
5.4	INTERIORS	-	6.51	-	-	-	-
6.0	BUILDING SPECIALTIES	3.98	1.62	-	10.93	-	-
7.0	EQUIPMENT	-	-	-	-	-	-
8.0	SPECIAL CONSTRUCTION	-	-	-	-	-	-
9.0	CONVEYING	-	-	-	-	-	-
10.1	PLUMBING & FIRE PROTECTION	3.30	40.55	6.33	100.30	-	-
10.2	HVAC	17.36	17.36	20.48	16.87	-	-
11.0	ELECTRICAL	39.64	33.96	33.96	33.96	-	-
TOTAL CONSTRUCTION COST / S.F.		\$77.49	\$115.14	\$71.01	\$212.36		