### ARKANSAS SCHOOL FACILITY MANUAL PROGRAM OF REQUIREMENTS (POR) SUMMARY AND REQUIRED SPACES

REQUIRED SPACES   Space   SF   Cry   AREA   Cry   C													
PROJECT NAME													
PROJECT NUMBER   DATE     DATE     DATE     DATE     DATE     DATE     DATE     DATE							OCUMENT	ATION -					
1. NUMBER OF STUDENTS Enter maximum projected ramber of students during east ten years   Grade   Gra													
Rindsparler   Grade 7   2. KTCHEN   Sproot may have warming kichen or full service kichen   Grade 9   Grade 9   Grade 9   Grade 10   Grade 11   Grade 12   Grade 12			, , , , , , , ,		ļ.,								
Grade 5		F STUDENTS Enter maximum pr		er of students o					1.71-1	11 1 1-1			
Grade 5											tcnen		
Grade 10			25 1 25 1 25 1 25 1				THE RESIDENCE AND DESCRIPTION	JII SCHOOLWI	n nave warmi	ig Kitchen			
Grade   Grad													
Grade   Grade   Grade   TOTAL   O Section mount above   NO - Straje Story   Gross Square Feet					Full Service	e Kitchen	150						
TOTAL   Select from meals active   TOTAL   Select from meals active   TOTAL SENGE SIGN   TOTAL SENGE SIGN					3 MIII TI	STORYSO	HOOL						
A TOTAL REQUIRED SPACES   SupPORT SPACE ALLOWANCE   O Square Feet   TOTAL REQUIRED SPACES   SupPORT SPACE ALLOWANCE   O Square Feet   TOTAL SPACES (sum)   O				0				eton	NO - Single	Stony	<b>†</b>		
TOTAL REQUIRED SPACES   SUPPORT SPACE ALLOWANCE   O Square Feet   OTAL SPACES (sum)   O Square Feet   OTAL SPACES   OTAL S	Grade o		IOIAL	U							are Feet		
Super Feet					4. 101AL	OI AOL LA	To The OA	00		01000 040			
Super Feet		TOTAL DECLUDED SPACES			0	Causas F							
TOTAL REQUIRED - SUPPORT SPACE ALLOWANCE   0.10													
10% CONSTRUCTION FACTOR   0   0   0   0   0   0   0   0   0				VANCE	-			TOTAL SDA	CES (sum)		Sauare Fe	et	
TOTAL REQUIRED SPACES   STANDARD   REQUIRED SPACES   NEW SPACES   (in their final configuration)			SPACE ALLOY	VANCE						Access to the same of the same			
REQUIRED SPACES   STANDARD   REQUIRED SPACES   Oty   AREA   Oty   Other   Other			IARE FOOTAG	2E			eet	NEW SPAC	Lo (suiii)	1	oquare i e		
REQUIRED SPACES   STANDARD   REQUIRED SPACES   SPECON   SPACES		TOTAL REQUIRED/FONDED SQU	JAKE FOOTAC			Oquaio	CCL	EXISTING	SPACES	A POST POR	A management M		_
REQUIRED SPACES   SPF			STANDARD	REQUIRED	SPACES	NEW	SPACES			TOTAL	SPACES	REQUIRE	SPACES
Space   SF		REQUIRED SPACES	J.MIDAND							THE RESERVE OF THE PARTY OF THE		CHI	
ACAC			SF	Qtv	AREA	Qtv	AREA			and the second second		Qty	AREA
EAC3   Kindegrafen Relatorom   1000   0   0   0   0   0   0   0   0								,,,	-				
EAC-5   Ender Classroom Grades 1-3   850   0   0   0   0   0   0   0   0   0		Kindergarten Classroom	1000	0	0					0	0	0	(
EAC.55 Elem Classroom Grades 4-5 850 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E-AC-4							450 113				0	(
M.A.C.1b MS Classroom Grade 6 850 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						Section						0	(
MA-DC-1D MS Cleasroom (stedes 7-8 850 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									ALC: N			0	(
MAPICE   Molfores Development Career   1,300   0   0   0   0   0   0   0   0   0								THE				0	(
HAC-1 HS Classroom								1000	A COL			0	(
H.AC-2 Science Cimil Lab Chemistry 1,440 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								100	A COP			0	(
H.AC-3 Science Cimil ab-Chemistry 1,440 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												0	(
H-AC-4 Science Prep 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							1		Eliteral I			0	(
H.AC-51 Chemical Storage								Company (SA)	ALCOHOL:				
H-AC-11 Chemical Storage 150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								7	AND THE SECOND			0	
H-AC-12 Mill-Use Room													
H-AC-13 Instructional Multi-Purpose Rm												0	
H.A.C.8 Project Lab/Classroom						AND DEAD		PAGE BANK AND THE					(
E-MC-1 Reading Room/Circulation 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							Allegen	#West 2015				0	(
EMC-4 Computer Lab 900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0			8 830				0	0	0	(
M-MC-4			900	0	0		THE REAL PROPERTY.		Call State	0	0	0	(
E-VA-1 Art Room	M/H-MC-1	Reading Room/Circulation	0	0	0	N				0	0	0	(
E-VA-3 Af Meterial Storage 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M-MC-4	Media Center Computer Lab	900	0	. 0	<b>1</b>	Dr. Aller		Mary 100		C	0	(
E-AC-10 Fine Arts Instruction Room 1,200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0													(
E-AC-11 Fine Arts Instruction Storage 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						ASSIA.							(
M-VA-1													(
H-VA-1							(2-72-11-5)						
M/H-VA-3						Assessed	ESTABLISHED A						
E-MU-1 Music Room 1,200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								American (Vice					
E-MU-2 Music Storage 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								The Indian					
M-MU-2   Music Storage						THE WAY SEE							
M/H-MU-2   Instrumental Room											1 6	0	
H-MU-8								New York Was					
M-MU-8													
H-MU-8												0	
H-MU-9   Vocal Storage		Vocal Room								0		0	
M-PE-1   PE Area   4000   0   0   0   0   0   0   0   0	H-MU-9			0	0					0	(	0	
H-PE-1 PE Area 6000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0											(	0	
H-PE-3   Student Locker Room   400   0   0   0   0   0   0   0   0								Die State			_		
H-PE-4   Student Restroom/Shower   150   0   0   0   0   0   0   0   0   0												_	
H-WD_CE   Workforce-Dev Career Education   Varies   O   O   O   O   O   O   O   O   O									ESTANS.			_	
H-WD_CE   Workforce Dev Career Education F   Varies   O   Varies													
H-WD_CE						U	U	U	U	U			
SPECIAL EDUCATION   E/M/H-SE-1   Self-contained Classroom   850   1   850   0   0   0   0						SEVER!							
E/M/H-SE-1         Self-contained Classroom         850         1         850         0         0           E/M/H-SE-2         Workroom/Conference         150         1         150         0         0         0           E/M/H-SE-3         Restroom/Shower         100         1         100         0	TID OL		¥ di 103	-	valies				STATE OF THE STATE OF	THE WHO KEEP	NO STREET OF A STATE OF	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	PER NUMBER OF STREET
E/M/H-SE-2         Workroom/Conference         150         1         150         0         0           E/M/H-SE-3         Restroom/Shower         100         1         100         0         0         0           E/M/H-SE-4         Special Education/Resource         450         1         450         0         0         0           E/M/H-SE-5         Speech Therapy         475         1         475         0         0         0           E/M/H-SE-7         OT/PT         350         1         350         0         0         0           E/MH-SE-7         Gifted and Talented         850         0         0         0         0         0           E-GT-1         Gifted and Talented         850         0         0         0         0         0           ADMINISTRATIVE SPACES         5         0         0         0         0         0         0           E/M/H-AD-3         Principal's Office         150         1         150         0         0         0         0           E/M/H-AD-4         Assistant Principal's Office         120         0         0         0         0         0         0         0         0	E/M/H-SF-1		850	1	850					0	1	-1	-850
E/M/H-SE-3       Restroom/Shower       100       1       100       0       0         E/M/H-SE-4       Special Education/Resource       450       1       450       0       0       0         E/M/H-SE-5       Speech Therapy       475       1       475       0       0       0         E/M/H-SE-7       OT/PT       350       1       350       0       0       0         E-GT-1       Gifted and Talented       850       0       0       0       0       0         ADMINISTRATIVE SPACES       E/M/H-AD-3       Principal's Office       150       1       150       0       0       0         E/M/H-AD-4       Assistant Principal's Office       120       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0													-15
E/M/H-SE-4         Special Education/Resource         450         1         450         0         0           E/M/H-SE-5         Speech Therapy         475         1         475         0         0         0           E/M/H-SE-7         OT/PT         350         1         350         0 <td></td> <td>-10</td>													-10
EM/H-SE-7         OT/PT         350         1         350         0         0           E-GT-1         Gifted and Talented         850         0         0         0         0           ADMINISTRATIVE SPACES         E/M/H-AD-3         Principal's Office         150         1         150         0         0         0           E/M/H-AD-4         Assistant Principal's Office         120         0										0		-1	-45
E-GT-1 Gifted and Talented 850 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0													-47
ADMINISTRATIVE SPACES													-35
E/M/H-AD-3     Principal's Office     150     1     150     0     0       E/M/H-AD-4     Assistant Principal's Office     120     0     0     0     0     0       E/M/H-AD-11     Guidance Counselor's Office     120     1     120     0     0     0       E/M/H-AD-15     Health Center     250     1     250     0     0     0       E/M/H-AD-20     Health Center Restroom     45     1     45     0     0       E/M-AD-1     Auditorium     1500     0     0     0     0     0	E-GT-1		850	0	0				855 V	0	(	0	
E/M/H-AD-4     Assistant Principal's Office     120     0     0       E/M/H-AD-11     Guidance Counselor's Office     120     1     120     0     0       E/M/H-AD-15     Health Center     250     1     250     0     0       E/M/H-AD-20     Health Center Restroom     45     1     45       PERFORMING ARTS							174 68 677						
E/M/H-AD-11     Guidance Counselor's Office     120     1     120     0     0       E/M/H-AD-15     Health Center     250     1     250     0     0       E/M/H-AD-20     Health Center Restroom     45     1     45       PERFORMING ARTS						MARKETINE							-15
E/M/H-AD-15     Health Center     250     1     250       E/M/H-AD-20     Health Center Restroom     45     1     45       PERFORMING ARTS       H-PA-1     Auditorium     1500     0     0     0													-
E/M/H-AD-20         Health Center Restroom         45         1         45           PERFORMING ARTS													-12
PERFORMING ARTS         1500         0         0         0         0           H-PA-1         Auditorium         1500         0         0         0         0         0									10023545007	U	+ (	-1	-25
H-PA-1 Auditorium 1500 0 0 0 0	E/M/H-AD-20		45	1	45					-			
	H.DA 1		1500	0	-						1 ,	0 0	
IN-MA-3 INIGHE AREA (INCIDINGS) I NOTE (I I III III III III III III III III I	H-PA-1 H-PA-3	Stage Area (includes wings)	600	0	0					0			
Ougs rica (includes wings)	11-1 74-3	otage Area (includes wings)	600		+ 0			anvatas de la	municular selection	<u> </u>	+	-	

## SUITABILITY ANALYSIS

SUITABILITY ANALYSIS				T			
0011712121117117121010	1						
BY:	0						
DATE:	1/0/1900						
(CHOOSE CORRECT PROJECT TYPE)							
FOR ADDITION PROJECT	YES						
FOR NEW SCHOOL IN DISTRICT	NO						
SCHOOL DISTRICT				0			
SCHOOL NAME				0			
PROJECT NAME				0			
PROJECT NUMBER			TE STORE	0			
	Existing Size			POR Allowance		Difference	
	(GROSS SF)			(SF)		Dillerence	
	(GROSS SF)			(37)			
TOTAL SCHOOL/CAMPUS	0			0		0	
SINGLE-PURPOSE AREAS	2008 or Before	After 2008				2008 or Before	
Physical Education	Beiore	2000		0		0	
Media Center	NEVE DE LA			0		0	
Student Dining				0		0	
Performing Arts				0		0	
	TOTAL SUITAE	ILITY NEED	(GROSS	SF)		0	
	FOR STATE FI	NANCIAL PA	RTICIPAT	TION			
NOTES				District Inputs			1
				From POR Sumi	mary Sheet		
				Suitability Analys	sis Comput	es	
		-		State Participation	on Area or I	Excess Area in (	Gross SF

SCHOOL NAME	×	0					num of three ducation progr	ams Fach
SCHOOL NAME								
PROJECT NAME PROJECT NUMBER		0					ngs. Allowable pace is shown	
PROJECT NUMBER		U		WORKIOTOC	Career edu		pace is shown	on ounnin
		REQUIRED	NEW S	PACES	EXISTIN	G SPACES	TOTAL SPA + EXIS	
WORKFORCE DEVELOPMENT C	AREER EDUC	SIZE	Qty	AREA	Qty	AREA	Qty	AREA
Agribusiness Systems		4.500	ISM STREET		SMITHOWNESSAM			
WD- CE-AG-1 Agribusiness Lab		1,500				Medical Visit	0	
Agricultural Power Structural & Technical Sys								
Agricultural Power, Structural, & Technical Sys.  WD-CE-AG-2   Ag Mechanics Lab		3.000	No. 15 C. Long St.				0	
WD- CE-AG-3 Outdoor Covered Work Area		800				945 SAT (10 A 2)	0	
THE GE TIE S CUITAGE COVERED WORK AREA							Ů	
Agricultural Science - Animal or Plant Sys.								
WD-CE-AG-4 Outdoor Animal Science Lab		1,000			TOTAL PROPERTY.		0	
Horticulture / Plant Systems								
WD-CE-AG-5 Greenhouse		1,800		1000			0	
WD-CE-AG-6 Cold Frame		800					0	
WD-CE-AG-7 Shade House		300				Vertical National	0	
WD-CE-AG-8 Hydroponics Lab		250					0	
Natural Bassinss / Emilias manufal Camilas Sua								
Natural Resources / Environmental Service Sys WD-CE-AG-9 Aquaculture Lab	•	500				WHEN PARKET WHEN P	0	
Aduaculture Lab		500	300		2000		0	
Related Spaces								
WD-CE-AG-10 Classroom		850	tal calca	VIEW P	Zasania ili	Para Salara Maria	0	
WD-CE-AG-11 Office		120				SERVICE STATE	0	
WD-CE-AG-12 Restrooms/Locker Rooms		150				2012	0	
WD-CE-AG-13 Storage		150					0	
			Annual An	ADMINISTRATION OF THE PARTY OF				
Business Marketing	·							
Management								
WD-CE-BM-1 Management Lab		1,500					0	
Office Administration								
₩D-CE-BM-2 Office Administration Lab		1,500					0	
Hannitalita								
Hospitality WD-CE-BM-3 Hospitality Lab		1,500	State of the state	Managements			0	
Hospitality Lab		1,500		SEASON NAME		BERNEVE SERVE	0	
Lodging				<b>-</b>		-		
WD-CE-BM-4 Lodging Lab		1,500	Real and a second	Service Service			0	
Loughing Lab		1,000		Les Date Messinger	HARLES BLOS CHARLES			
Desktop Publishing	_							
₩D-CE-BM-5 Desktop Publishing Lab		1,500					0	
Multimedia								
WD-CE-BM-6 Multimedia Lab		1,500					0	
Programming								
₩Ð- <u>CE</u> -BM-7 Programming Lab		1,500					0	
Accounting								
Accounting WD-CE-BM-8 Accounting Lab		1,500			Market Market	Block and the	0	
Accounting Lab		1,500			Mariana		- 0	
Banking & Finance				<del>                                     </del>		<b>†</b>	<del>                                     </del>	
WD-CE-BM-9 Banking & Finance Lab		1,500			1900.60		0	
Daniel Gallery & Finance Lab		.,000		The second Color				
Marketing								
WD-CE-BM-10 Marketing Lab		1,500	12 12 10 10 10				0	
		.,						
Related Spaces								
₩D-CE-BM-11 Classroom		850		100			0	
WD-CE-BM-12 Office		120					0	
₩Ð- <u>CE</u> -BM-13 Storage		100					0	

SCHOOL DIS			0				vide a minim		me For
	100 100 100 100 100 100 100 100 100 100		0					ducation progra	
PROJECT NA	3000		0					ngs. Allowable	
PROJECT NU	JMBER		0		workforce	<u>career edu</u>	<u>cation</u> total s	pace is shown	on Summ
			REQUIRED	NEW S	SPACES	EXISTIN	G SPACES	TOTAL SPACE	
	WORKFORCE DEVELOPMENT CAREER	EDUC.	SIZE	Qty	AREA	Qty	AREA	Qty	AREA
Family & Con	sumer Sciences								
	1 Family & Consumer Sciences Lab		1,200					O	
WD-CE-FCS-	2 Food Prep Lab (kitchen units)		600				Nicola Statistics	0	
WD-CE-FCS-	Sewing Lab		550	in party of				0	
WD-CE-FCS-	Fitting Room		150					0	
AD- <u>CE</u> -FCS-	Laundry		50					0	
Consumer Se	1 Consumer Services Lab		4.500						
	Consumer Services Lab	-	1,500					0	
Education &	Training								
	Education & Training Lab		1,200			10 To		0	
			.,200		EAST-CONTRACTOR			Ť	
Food Product	tion, Management, & Services								
WD-CE-FCS-	Food Production, Management, & Services	Lab	1,200					0	
WD <u>-CE</u> -FCS-	Food Prep Lab (kitchen units)		600		THE N	THE PARTY		0	
	nagement, Maintenance, & Services								
WD-CE-FCS-9	Facilities Management, Maintenance, & Se	rvices	1,200			MA V		0	
Child Care C	vidence Management & Comicae								
WD CE ECC	uidance, Management, & Services  1 Child Care Guidance, Management, & Sen	.i	4.000	MINERAL DESCRIPTION OF THE PERSON OF THE PER	VIII CONTRACTOR	A CONTRACTOR OF THE PARTY OF TH			
AD-CE-FCS-	1 Sunday	vices La	1,200 50		100			0	
WB-0L-1 00-	Lauridry		50					9	
Cosmetology		-							
WD-CE-FCS-	1 Cosmetology Lab		2,500	20200000				0	
	ices in Cosmetology Lab - included in req	uired S					LONG ALERO		
WD-CE-FCS-2			100						
WD-CE-FCS-2	Reception		250						
WD-CE-FCS-2	Supply		200						
WD- <u>CE</u> -FCS-2	2 Dispensary		150						
WD-CE-FCS-			120						
WD-CE-FCS-	1 Cosmetology Clinic Area		1,200					0	
WD-CE-FCS-	1 Cosmetology Instruction Area		275					0	
Related Spac									
AD-CE-FCS-	Classroom		850		TEDER MENUTER	BECOMMENDED.	MORPH THE REAL PROPERTY.	0	
WD-CE-FCS-	1 Restrooms		150					0	
WD-CE-FCS-	1 Storage		100					0	
	S. S		100		BATACOG IVAN				
	and Construction Services								
Construction	Technology								
AD-CE-ARC-	Construction Technology Lab		3,000					0	
HVACR	CIN/AOD Lab								
WD- <u>CE</u> -ARC-:	HVACK Lab		3,000					0	
Related Spac	es							<del>                                     </del>	
AD-CE-ARC-			850					0	
AD-CE-ARC-	Office		120					0	
AD-CE-ARC-	Storage		200			26,96,160	in sources.	0	
	Ĭ							,	
	CHNOLOGY, & COMMUNICATION SPACE	S							
Advertising D	Design								
AD-CE-AV-1	Advertising Design Lab		1,500					0	
2									
Career Comm			4.500			STATE OF THE PARTY.			
	Career Communications Lab		1,500					0	
Commercial F	Photography	-							
	Photography Production Lab		400	Paris Salasanius	RECEIVED AND AND AND AND AND AND AND AND AND AN				
0 0 0 N	i notography i roduction Lab		400	PARTITION A				0	Revised

SCHOOL DIS	TRICT		0		9-12 school	ols must pro	vide a minim	um of three	
SCHOOL NAM	ΛE .		0	and the same of th				ducation progr	ams. Each
PROJECT NAME		0					ngs. Allowabl		
PROJECT NU	MBER		0					ace is showr	
			REQUIRED	NEW S	PACES	EXISTIN	G SPACES	TOTAL SPA + EXIS	
	WORKFORCE DEVELOPMENT-CA	AREER EDUC	SIZE	Qty	AREA	Qty	AREA	Qty	AREA
WD-CE-AV-4	Photography Workroom		750					0	0
Graphic Com	munications		4.000						
TAD-CE-AV-0	Graphic Communication Work Area		1,800					0	0
Performing A									
WD-CE-AV-7	Performing Arts Studio		1,800					0	0
WD-CE-AV-8	Dressing Rooms		750					0	0
WD-CE-AV-9	Performing Arts Storage		250			illes cessi		0	0
Radio / TV Bro	oadcasting								
	Radio / TV Broadcasting Lab		1,200					0	0
Related Space			050	150000000000000000000000000000000000000					
WD-CE-AV-11 WD-CE-AV-12			850 120				1000000	0	0
WD-CE-AV-12	Storage		200			E LOS CONTROL OF THE PARTY OF T		0	0
THE OL AV-10	Storage		200		255 400 555	(0)(0)	No. of the last of	0	0
	and Public Education Spaces								
ROTC									
WD-CE-GOV-	ROTC Lab		3,000	Diale.	The same of the sa			0	0
Related Space	es Classical Control C		050	area construction					
WD-CE-GOV-	Classroom		850					0	0
WD-CE-GOV-	Storage		120 200	AND				0	0
VIB OL OUV	Storage		200					0	0
Health Scienc	e Spaces								
	ssions Education								
WD-CE-HSC-1	Clinic Area		500	And the second				0	C
Related Space	es .		050						
WD-CE-HSC-2 WD-CE-HSC-3	Classroom		850 120					0	C
WD-CE-HSC-4	Storage		200					0	(
THE OL TIOU	Otorage		200					0	
Law, Public S	afety and Security Spaces								
Criminal Justi									
WD-CE-LAW-	Criminal Justice Lab (forensics)		1,200					0	(
Related Space	es Classical		050	STEENSTEEN STATE	English (Salasan)	2010/03/2010 NASS	NAME OF TAXABLE PARTY.		
WD-CE-LAW-2	Office		850				Control of the second	0	(
WD-CE-LAW-	Storage		120 200					0	(
VID OL DAV	otorage		200			Electronic Street		0	
Manufacturing	Spaces			-				1	
Electronics									
WD-CE-MAN-	Electronics Lab		2,000					0	(
Curniture Man	L						ļ		
Furniture Man	Furniture Manufacturing Lab		3,000		34755056	22.500,000,000		0	(
TTD-OL-IVIAIN-A	r armure manufacturing Lab		3,000		Market State			0	
Industrial Equ	lipment Maintenance								
	Industrial Equipment Lab		3,000					0	(
Machine Tool	Technology								
WD-CE-MAN-	Machine Tool Lab		3,000					0	(
Major Applian			0.000	english was a		Section Reserve			7.
WD-CE-MAN-	Major Appliance Repair Lab		3,000				Reference	0	(
Welding					<del>                                     </del>				
rretaing	L							For	n Revised

SCHOOL DISTRICT	0		9-12 school	ls must pro	vide a minim	um of three	
SCHOOL NAME	0					ducation progr	
PROJECT NAME	0					ngs. Allowable	
PROJECT NUMBER	. 0		workforce	career edu	cation total s	pace is shown	on Summa
	REQUIRED NEW SPACES EXISTING SPACES		EXISTING SPACES			TOTAL SPACES (NEW + EXISTING)	
WORKFORCE DEVELOPMENT CAREER EDU	C SIZE	Qty	AREA	Qty	AREA	Qty	AREA
<del>WD</del> - <u>CE</u> -MAN-∮Welding Lab	3,000					0	0
Related Spaces							
WD-CE-MAN- Classroom	850					0	0
WD-CE-MAN-8 Office	120					0	0
WD-CE-MAN-Storage	200					0	0
SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS	SPACES						
Drafting & Design	1						
WD-CE-ENG-1 Drafting & Design Lab	2,000					0	0
	,						
Computer Engineering							
WD-CE-ENG-2 Computer Engineering Lab	1,500					0	0
Geospatial Technology (GIS)	1.500				-		
WD-CE-ENG-Geospatial Technology (GIS) Lab	1,500		A COURT OF THE PERSON OF THE P			0	0
Pre-Engineering	+						
WD-CE-ENG-4Pre-Engineering Lab	1,500			IRDA 🔻	BIGGER STATE	0	0
THE LITE OF THE ENGINEERING LAD	1,000		CACCER AND A	2000		-	
Related Spaces							
WD-CE-ENG-1 Classroom	850			Allegan		0	0
WD-CE-ENG-6 Office	120				meter Albert	0	0
WD-CE-ENG-7 Storage	200					0	0
Transportation, Distribution, & Logistics Spaces					T		
Automotive Collision	1,000						-
WD-CE-TDL-1 Automotive Collision Repair Lab	4,000					0	0
Automotive Service Technology							
WD-CE-TDL-2 Automotive Service Technology Lab	4,000					0	0
THE CE THE PRODUCTIVE CONTROL TECHNOLOGY EXP	4,000		Neto Burayasa ayas	BEAUTIFE PROPERTY.	Section with the control		
Aviation Mechanics							
WD-CE-TDL-3 Aviation Mechanics Lab	10,000					0	0
WD-CE-TDL-4 Aviation Technology Lab	1,200					0	0
Diesel Mechanics							
WD-CE-TDL-5 Diesel Mechanics Lab	4,000					0	0
Power Equipment Technology			<b>_</b>				
WD-CE-TDL-6 Power Equipment Technology Lab	3,000	en en en				0	0
The of the off ower Equipment reclinology cap	3,000			Hitting Street Service		1	
Related Spaces							
WD-CE-TDL-7 Classroom	850			T 10 630		0	C
WD-CE-TDL-8 Office	120					0	C
WD-CE-TDL-9 Storage	200					0	C
	TOTALS	0	0	C		0	C

## ARKANSAS SCHOOL FACILITY MANUAL **PROGRAM OF REQUIREMENTS** SCHOOL SUPPORT SPACES (NOT REQUIRED)

SCHOOL DIS	TRICT		0	
SCHOOL NAM	ME		0	
PROJECT NA	ME		0	
PROJECT NU			0	
	ONLY ENTER NEW SPACES INC	UDED IN THE	PROJECT	
		SUGGESTED		
	REQUIRED)	SF	Qty	AREA
	ACADEMIC CORE			
E-AC-6	Teacher Prep Area/Workroom	150		
E-AC-7	Individual Restroom	50		
E-AC-8	Instructional Material Storage	100		
E-AC-9	Instructional Multi-purpose	850		100
E-MC-2	Media Specialist Office	100		
E-MC-3	Media Center Workroom/Storage	100		
E-MC-5	A/V Storage	50		
E-MC-6	Conference Room	200		
E-VA-2	Kiln/Ceramic Storage	100	C COMPANY	
E-PE-2	P. E. Workroom/Storage	100		
M-AC-2	Project Lab/Classroom	1100		
M-AC-3	Teacher Prep Area/Workroom	200	A WAY	
M-AC-4	Individual Restroom	50		
M-AC-5	Instructional Material Storage	120	Annahari	Territoria de la composición dela composición de la composición dela composición dela composición dela composición de la composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición dela composición dela composición dela composición dela compos
M-AC-6	Small Group Room	150		
M-AC-7	Instructional Multi-purpose Room	850		
M-MC-2	Media Specialist Office	120		
M-MC-3	Media Center Workroom/Storage	150		
M-MC-5	Media Center A/V Storage	80		
M-MC-6	Media Center Conference Room	150		
M-MC-7	Multimedia Production Room	300		
M-VA-2	Kiln/Ceramic Storage	100		
M-MU-3	Music Office	120		
M-MU-4	Music Library	120		
M- <del>WD</del> -CE-2	Workforce Dev Career Education	1300		
M-WD CE-3	Workforce Development Career Ed	150		4770
M-FCS-1	Life Skills Lab	1100		
M-FCS-2	Life Skills Storage	100		
M-PE-2	P.E./Athletic Office	75		
M-PE-3	Staff Shower	75		
M-PE-4	Student Locker Room	350		
M-PE-5	Student Restroom/Shower	150	1	
M-PE-6	Physical Education Storage	200		
H-AC-6	Teacher Prep Area/Workroom	300		
H-AC-7	Individual Restroom	50		
H-AC-9	Small Group Room	150	ł	
H-AC-10	Instructional Material Storage	150		
H-MC-2	Media Specialist Office	120		
H-MC-3	Workroom/Storage	150	l	
H-MC-4	A/V Storage	75		
H-MC-5	Conference Room	250		
H-MC-6				
11-1VIC-0	Multimedia Production Room	400		

# ARKANSAS SCHOOL FACILITY MANUAL PROGRAM OF REQUIREMENTS REQUIRED SPACES NOTES

	REQUIRED SPACES	STANDARD	SIZE						
	Space	STANDARD Square Feet		Notes					1
	ACADEMIC CORE	Square reer		Notes					1 1 1 1 1 1 1
E-AC-3	Kindergarten Classroom	1000		Maximum cla	ss size 20 s	students			
E-AC-4	Kindergarten Restroom	45		One per kinde	ergarten cla	ssroom		The second second	
E-AC-5a	Elem Classroom Grades 1-3	850		Maximum cla					
E-AC-5b	Elem Classroom Grades 4-5	850		Maximum cla					
M-AC-1a	MS Classroom Grade 6	850		Maximum cla					-
M-AC-1b	MS Classroom Grades 7-8	850		Maximum cla					
M-WD-CE-1	Workforce Development	1,300				nore students.			
H-AC-1	HS Classroom	850		Maximum cla					-
H-AC-2	Science Clrm/Lab-Gen/Physics Science Clrm/Lab-Chemistry	1,440				er each 500 students			-
1-AC-3 1-AC-4	Science Clrm/Lab-Biol/Life Sci	1,440	-			nts above 1,000 students.	EOO about 1000 abo	donto	+
1-AC-5	Science Prep	1,440 300		One minimun	n to 1000 st	udents. Additional for each	1 500 above 1000 stu	dents.	+
1-AC-3 1-AC-11	Chemical Storage	150		One miminum	n. Two abou	ve 1500 students.			+
1-AC-12	Multi-Use Room	1,500		One minimum	II. IWO abo	ve 1500 students.			_
1-AC-13	Instructional Multi-Purpose Rm	850							
1-AC-8	Project Lab/Classroom	1,100		One minimum	n to 1000 st	udents. Additional for each	500 above 1000 stu	dents	
-MC-1	Reading Room/Circulation	Computed				city multiplied by 35 SF per		derito.	
-MC-4	Computer Lab	900		T T		ony manapinou by co or po	- Cladelli		
M/H-MC-1	Reading Room/Circulation	Computed		10% of the st	tudent capa	city multiplied by 40 SF per	student.		
N-MC-4	Media Center Computer Lab	900							
E-VA-1	Art Room	1200		Required for	550 or more	students.			
E-VA-3	Art Material Storage	80		Required for				4	
E-AC-10	Fine Arts Instruction Room	1,200				usic Room in ES with less			
E-AC-11	Fine Arts Instruction Storage	100		Substituted for	or Art and M	usic Storage in ES with le	ss than 550 students		
VI-VA-1	Art Room	1200							
I-VA-1	Art Room	1200		Minimum one	e, plus one f	or each 500 students			
W/H-VA-3	Art Material Storage	100							
E-MU-1	Music Room	1,200		Required for					-
E-MU-2	Music Storage	100		Required for					
И-MU-2	Music Storage	100		Required for					
//H-MU-1	Instrumental Room	1,400				onal room for more than 10	000 students.		
I-MU-2	Instrument Storage	Computed				nalf SF per student.			
N-MU-8	Vocal Room	1,200		Required for					
H-MU-8	Vocal Room	1,200				dents plus additional room	for more than 2000 s	tudents.	
1-MU-9	Vocal Storage	150		One per voca		4 2 522 25 11	0.000.05.15.		05
E-PE-1 M-PE-1	PE Area PE Area	Computed				num 2,500 SF, Maximum			
VI-PE-1 H-PE-1	PE Area	Computed Computed				num 4,000 SF, Maximum 1 5,000 SF, Max 30,000 SF.			
1-PE-3	Student Locker Room	Computed				Maximum 6 @ 850 SF.	includes aux gym ab	ove 1000 students. N	ninimum 90
1-PE-4	Student Restroom/Shower	Computed				Maximum 6 @ 350 SF.			
H-WD-CE	Workforce Dev Career Education					. Maximum 23,000 SF. 1	5 SE/student		
H-WD-CE	Workforce Dev Career Education			TOTAL THE INC	0,000 01	. Modificant 20,000 Or . T	o or rotagonic		
H-WD-CE	Workforce Dev Career Education								
	SPECIAL EDUCATION								
E/M/H-SE-1	Self-contained Classroom	850		Two required	for 1,000 s	tudents and above.			
E/M/H-SE-2	Workroom/Conference	150		Two required	for 1 000 c				
E/M/H-SE-3		130			1,000 5	tudents and above.			
	Restroom/Shower	100		Two required	for 1,000 s	tudents and above.			
E/M/H-SE-4	Restroom/Shower Special Education/Resource	100 450		Two required Two required	for 1,000 s	tudents and above. tudents and above.			
E/M/H-SE-4 E/M/H-SE-5	Restroom/Shower Special Education/Resource Speech Therapy	100 450 475		Two required Two required Two required	for 1,000 s for 1,000 s for 1,000 s	tudents and above. tudents and above. tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7	Restroom/Shower Special Education/Resource Speech Therapy OT/PT	100 450 475 350		Two required Two required Two required	for 1,000 s for 1,000 s for 1,000 s	tudents and above. tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented	100 450 475		Two required Two required Two required	for 1,000 s for 1,000 s for 1,000 s	tudents and above. tudents and above. tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES	100 450 475 350 850		Two required Two required Two required	for 1,000 s for 1,000 s for 1,000 s	tudents and above. tudents and above. tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office	100 450 475 350 850		Two required Two required Two required Two required	for 1,000 s for 1,000 s for 1,000 s for 1,000 s	tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-4	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office	100 450 475 350 850 150		Two required Two required Two required Two required Required for	for 1,000 s for 1,000 s for 1,000 s for 1,000 s	tudents and above. tudents and above. tudents and above. tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-4 E/M/H-AD-11	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office	100 450 475 350 850 150 120		Two required Two required Two required Two required Required for	for 1,000 s for 1,000 s for 1,000 s for 1,000 s	tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-4 E/M/H-AD-11	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center	100 450 475 350 850 150		Two required Two required Two required Two required Required for	for 1,000 s for 1,000 s for 1,000 s for 1,000 s	tudents and above. tudents and above. tudents and above. tudents and above.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-4 E/M/H-AD-11	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS	100 450 475 350 850 150 120 120 250		Two required Two required Two required Two required Two required Required for the Minimum 1. Minimu	for 1,000 s for 1,000 s for 1,000 s for 1,000 s	tudents and above. tudents and above. tudents and above. tudents and above.  tudents and above.  a students.  n ratio of 1:450			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-4 E/M/H-AD-15 H-PA-1	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium	100 450 475 350 850 150 120 120 250 Computed		Two required Two required Two required Two required Two required Required for Minimum 1. M	for 1,000 si for 1,000 si for 1,000 si for 1,000 si for 1,000 si 500 or more Must maintai	tudents and above. tudents and above. tudents and above. tudents and above. e students and above. in ratio of 1:450  per 9-12 student.			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-4 E/M/H-AD-15 H-PA-1	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings)	100 450 475 350 850 150 120 120 250		Two required Two required Two required Two required Two required Required for Minimum 1. M	for 1,000 si for 1,000 si for 1,000 si for 1,000 si for 1,000 si 500 or more Must maintai	tudents and above. tudents and above. tudents and above. tudents and above.  tudents and above.  a students.  n ratio of 1:450			
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-15 E/M/H-AD-15 E/M/H-AD-15 E/M/H-AD-15	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING	100 450 475 350 850 150 120 120 250 Computed		Two required Two required Two required Two required Two required Required for Minimum 1. M Minimum 150 Minimum 600	for 1,000 s for 1,000 s for 1,000 s for 1,000 s for 1,000 s 500 or more Must maintal	tudents and above. tudents and above. tudents and above. tudents and above. e students and above.  persudents. n ratio of 1:450  per 9-12 student. per 9-12 student.	- per student		
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-4 E/M/H-AD-11	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings)	100 450 475 350 850 150 120 120 250 Computed		Two required Two required Two required Two required Two required Required for Minimum 1. Minimum 150 Minimum 600 One-half of th	for 1,000 si for 1,000 si for 1,000 si for 1,000 si for 1,000 si 500 or more Must maintai	tudents and above. tudents and above. tudents and above. tudents and above. e students and above. in ratio of 1:450  per 9-12 student.		t both.	
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-11 E/M/H-AD-15 H-PA-1 H-PA-3 E/M/H-SD-1	Restroom/Shower Special Education/Resource Spech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining FOOD SERVICE	100 450 475 350 850 150 120 120 250  Computed Computed		Two required Two required Two required Two required Two required Required for Minimum 1. Minimum 150 Minimum 600 One-half of th	for 1,000 si	tudents and above.  students and above.  p students. in ratio of 1:450  per 9-12 student. apacity multiplied by 15 Sf		t both.	
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-11 E/M/H-AD-15 H-PA-1 H-PA-3 E/M/H-SD-1	Restroom/Shower Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining	100 450 475 350 850 150 120 120 250 Computed		Two required Two required Two required Two required Two required Required for s Minimum 1. M Minimum 150 Minimum 600 One-half of th Only one of th 2 SF per stud	for 1,000 s for 1,000 s for 1,000 s for 1,000 s for 1,000 s 500 or more dust maintal	tudents and above. tudents and above. tudents and above. tudents and above. e students and above. e students. in ratio of 1:450  per 9-12 student. eper 9-12 student. apacity multiplied by 15 Sf ens is to be used - either f	E-FS-1 or E-FS-2 - no		
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-15 E/M/H-AD-15 E-M/H-AD-15 E-M/H-SD-1 E-M/H-SD-1	Restroom/Shower Special Education/Resource Spech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining FOOD SERVICE Warming Kitchen	100 450 475 350 850 120 120 250 Computed Computed		Two required Minimum 150 Minimum 600 One-half of th	for 1,000 s	tudents and above.  students and above.  p students. in ratio of 1:450  per 9-12 student. apacity multiplied by 15 Sf	E-FS-1 or E-FS-2 - no orage, cooler/freezer, an		
######################################	Restroom/Shower Special Education/Resource Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining FOOD SERVICE Warming Kitchen Kitchen (total)	100 450 475 350 850 150 120 120 Computed Computed Computed Computed Computed		Two required Two required Two required Two required Two required Required for Minimum 1. Minimum 150 Minimum 600 One-half of th Only one of th 2 SF per stud Equal to sum of Student capa	for 1,000 si for 1,000 si for 1,000 si for 1,000 si for 1,000 si 500 or more Must maintal 00 SF. 5 SF 0 SF. 2 SF ne student of he two kitch dent. of areas for pr for areas for pr for its multiplic	tudents and above.  e students. in ratio of 1:450  per 9-12 student.  apacity multiplied by 15 Si ens is to be used - either te eparation, serving, dry food ste	E-FS-1 or E-FS-2 - no orage, cooler/freezer, an outtiplied by 36%.		
E/M/H-SE-4 E/M/H-SE-5 E/M/H-AD-3 E/M/H-AD-4 E/M/H-AD-15 E/M/H-AD-15 E/M/H-SD-1 E/M/H-SD-1 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2	Restroom/Shower Special Education/Resource Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining FOOD SERVICE Warming Kitchen Kitchen (total) Preparation Area Serving Area Dry Food Storage	100 450 475 350 850 150 120 120 250 Computed Computed Computed Computed Computed Computed Computed		Two required Two required Two required Two required Two required Two required Required for some some some some some some some some	for 1,000 si for 1	tudents and above.  students and above.  students and above.  students. in ratio of 1:450  per 9-12 student.  apacity multiplied by 15 St ens is to be used - either E eparation, serving, dry food ste ad by 3.5 SF per student in	E-FS-1 or E-FS-2 - no orage, cooler/freezer, an oultiplied by 36%. oultiplied by 34%.		
######################################	Restroom/Shower Special Education/Resource Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining FOOD SERVICE Warming Kitchen Kitchen (total) Preparation Area Serving Area	100 450 475 350 850 150 120 120 250 Computed		Two required Two required Two required Two required Two required Two required Required for Minimum 1. M Minimum 150 Minimum 600 One-half of th Only one of th Equal to sum of Student capa Student capa Student capa	for 1,000 s for 1,000 s for 1,000 s for 1,000 s for 1,000 s for 1,000 s 500 or more dust maintal 500 SF. 5 SF 0 SF. 2 SF I he student c he two kitch dent. of areas for pr city multiplic icity multiplic icity multiplic icity multiplic	tudents and above. tudents and above. tudents and above. tudents and above.  students and above.  students and above.  students and above.  students. in ratio of 1:450  per 9-12 student.  apacity multiplied by 15 Sf ens is to be used - either I eparation, serving, dry food st ad by 3.5 SF per student in ad by	E-FS-1 or E-FS-2 - no orage, cooler/freezer, an nultiplied by 36%. nultiplied by 34%. nultiplied by 11%.		
E/M/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 E/M/H-AD-3 E/M/H-AD-1 E/M/H-AD-15 H-PA-1 H-PA-3	Restroom/Shower Special Education/Resource Special Education/Resource Speech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining FOOD SERVICE Warming Kitchen Kitchen (total) Preparation Area Serving Area Dry Food Storage Cooler/Freezer Ware Washing	100 450 475 350 850 150 120 120 Computed		Two required Two required Two required Two required Two required Two required Required for the second of the secon	for 1,000 si for 1	tudents and above.  e students.  n ratio of 1:450  per 9-12 student.  apacity multiplied by 15 Sf ens is to be used - either E eparation, serving, dry food ste ab y 3.5 SF per student n ad by 3.5 SF per student n ad by 3.5 SF per student n ad by 3.5 SF per student n	E-FS-1 or E-FS-2 - no orage, cooler/freezer, an outtiplied by 36%. outtiplied by 34%. outtiplied by 11%. outtiplied by 10%.		
EM/H-SE-4 E/M/H-SE-5 E/M/H-SE-7 E-GT-1 EM/H-AD-3 EM/H-AD-15 EM/H-AD-15 EM/H-SD-1 E-M/H-FS-1 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2 E/M/H-FS-2	Restroom/Shower Special Education/Resource Special Education/Resource Spech Therapy OT/PT Gifted and Talented ADMINISTRATIVE SPACES Principal's Office Assistant Principal's Office Guidance Counselor's Office Health Center PERFORMING ARTS Auditorium Stage Area (includes wings) STUDENT DINING Student Dining FOOD SERVICE Warming Kitchen Kitchen (total) Preparation Area Serving Area Dry Food Storage Cooler/Freezer Ware Washing BUILDING SERVICES	100 450 475 350 850 150 120 120 250 Computed		Two required Two required Two required Two required Two required Two required Required for the second of the secon	for 1,000 si for 1	tudents and above.  e students. in ratio of 1:450  per 9-12 student. apacity multiplied by 15 Sf ens is to be used - either Be eparation, serving, dry food st ed by 3.5 SF per student in ad by 3.5 SF per student in ed by 3.5 SF per student in	E-FS-1 or E-FS-2 - no orage, cooler/freezer, an outtiplied by 36%. outtiplied by 34%. outtiplied by 11%. outtiplied by 10%.		
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## **Civil Sitework**

### Components

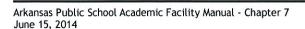
- Building placement
- · Ingress, Egress Routing
- Sidewalk
- Trash Enclosure
- Curbing
- Signage and Striping
- Pavement
- · Subgrade, Building Pad
- Grading and Drainage
- · Water, Sewer, other Utilities

### **General Standards**

- 1. This section establishes the minimum design and construction requirements for civil sitework for new construction and expansions of school facilities.
- All drawings including surveys and civil plans shall be prepared in AutoCAD DWG or .pdf format.
- 3. Site design shall be performed under the supervision of a Registered Civil Engineer and all civil related plans, reports and construction documents shall be signed and sealed in accordance with state statutes.
- All site design shall conform to the applicable codes and to Federal, State, and local requirements of the Authorities Having Jurisdiction (AHJ).
- 5. A subsurface geotechnical analysis shall be performed by a Registered Geotechnical Engineer to determine soil properties and provide recommendations for design of footings, foundations, pavements and construction techniques.
- The following publications (latest edition) shall be consulted by the design professional and are hereby included for reference:
  - Americans with Disabilities Act (ADA)
  - American Association of State Highway and Transportation Officials (AASHTO) Design Greenbook
  - Institute of Transportation Engineers (ITE Manual)
  - Manual on Uniform Traffic Control Devices (MUTCD)
  - Arkansas Highway and Transportation Department (AHTD) Materials Specifications

#### Site Design Standards

 Site planning and building placement - The placement of the building shall be closely coordinated with the architect to make good use of the property and ancillary facilities. The various modes of travel (pedestrian, bicycle, cars, buses, delivery vehicles) shall be separated as much as possible to provide safe and efficient access. Special attention shall be given to ingress and egress of pedestrians, passenger vehicles, and buses, and short





term and long term parking locations for each. Pedestrian and vehicular conflicts shall be minimized, as much as possible. Consideration shall also be given for proper drainage of the site during site planning design.

- 2. Parking Parking stalls for cars shall be designed at 30°, 45° or 90° angle to the traffic flow direction and shall be a minimum of 9' by 18' in size or per the authorities having jurisdiction (AHJ) requirements, whichever is greater. See Chapter 4 of this manual for number of spaces required for each type of school. All accessible parking shall be designed per the latest edition of the Americans with Disabilities Act (ADA) Federal Guidelines and/or the local codes, whichever is more stringent. Drive aisles between car parking shall be a minimum of 24' for two-way traffic and a minimum of 16' for one-way traffic. Bus parking is recommended at 30° angle to traffic flow direction and oriented so the bus exit door allows students to exit in front of adjacent buses. spaces shall be a minimum of 12' by 40'. Buses should not be required to back up. Drive aisles for buses are recommended to be a minimum of 20'. A parking summary shall be included on the site plan.
- Sidewalks Sidewalks shall be designed for access from the parking areas to all entry doors, as well as an accessible path from the street frontage, per ADA guidelines. Sidewalks shall be a minimum of 5' in width and shall be constructed of a minimum of 4" thick Portland cement concrete and minimum strength of 2500 psi.
- 4. Trash Enclosure Trash enclosure shall be provided in a location accessible to trash trucks without conflicting with pedestrian routes or bus pick-up/drop-off point. The size of the enclosure may vary by size and number of dumpsters available from the provider. Where practical, recycling may also be staged in the trash enclosure area. The standard enclosure shall have three sides constructed of durable wood, synthetic, or masonry to a minimum height of 6' and capable of screening the dumpster(s) from view. The enclosure will require a pair of gatesbe gated on the "open" side to screen the dumpster interior and provide access. The enclosure shall be positioned so that the "open" side faces a drive entrance with a minimum of 35' direct approach to the enclosure. The trash enclosure shall be constructed on an 8" concrete slab and slab shall extend at least 15' in front of dumpster for the entire opening.
- 5. Curbing -Curbing shall be provided around the entire pavement perimeter and at all pavement edges. All curbing shall be defined on the site work drawings as to type of curb, size and general location. All permanent curbing shall be concrete. Extruded concrete curbing epoxied to the pavement surface is not permitted. Asphalt curbing shall only be allowed along pavement edges when it is adjacent to a future development area.
- 6. Traffic Signage and Striping- Traffic signage shall conform to the Manual on Uniform Traffic Control Devices (MUTCD), and at a minimum shall include stop signs where traffic leaves the school property and/or enters a public

Pick-up/drop-off area Sidewalks Consideration for wider sidewalks in pickup/drop-off areas and areas leading to main entries are recommended.

#### **Bollards at Trash Enclosure**

Bollards are recommended at each corner of the enclosure, where exposed to traffic.

## Curbing

Special care should be taken to ensure that all curb radii at entrances, around islands and around curves are sufficiently large enough to accommodate bus turning movements.



## Foundations and Floor Slabs at Grade

#### Components

- · Spread footings and wall footings
- · Trenched footings/turned down footings
- Drilled piers
- · Reinforced concrete foundation walls
- Reinforced concrete masonry walls utilizing normal weight masonry units with all cores grouted and reinforced
- · Concrete grade beams
- · Driven piles and pile caps
- · Auger cast piles and pile caps
- Other systems if recommended and acceptable to the geotechnical engineer and the structural engineer
- Where expansive clays are present on the site, the geotechnical investigation is to address such and special foundation and floor slab systems and/or undercutting and backfilling shall be utilized as recommended by the geotechnical engineering investigation.

#### Standards

- Foundations shall be designed by a structural engineer to meet the recommendations given by a geotechnical engineer based upon his geotechnical investigation and report and in accordance with the current state building code.
- 2. Structurally sound
- Deflections and differential movement to be limited to magnitudes compatible with other building components
- 4. Compatible with soil type
- 5. Water Barrier
- 6. Long life expectancy

#### Do not use calcium chloride in concrete.

- Sub-slab ventilation in areas with radon or potential soil gas submissions. Requirement for such is to be determined by qualified testing agency.
- Concrete minimum compressive strength at 28 days to be as required by structural engineer's design, but shall be no less than the following:
  - Foundations 3,000 psi
  - Floor slabs 3,000 psi
  - Precast systems 5,000 psi Strength of concrete provided is to be tested by independent testing lab, during construction
- 10. Concrete reinforcing steel shall be a minimum grade 60 and meet the requirements of the current state building code and structural engineer's design.
- 11. Project site concrete mixing shall not be used, unless otherwise approved by an independent testing agency.



Concrete materials may use 10%-20% fly-ash as replacement, but not addition. Mix design to be done by qualified independent testing agency.

#### Form Release

Use low- and non-toxic form releases.



## Pre-Cast Concrete - Insulated Sandwich

### Components

- Exterior architectural concrete with smooth or exposed aggregate texture finish or thin brick facing
- · Rigid cavity insulation
- · Structural concrete backup
- Interior finish, if exposed to be smooth concrete or exposed aggregate concrete or a surface applied smooth or textured finish

## Standards - Pre-Case Pre-Cast Concrete - Insulated Sandwich Walls

- 1. Impact, moisture, and thermal resistant
- 2. Low maintenance
- 3. Meet ASHRAE 90.1-2007 (or later) and current state energy code requirements.
- Use extruded polystyrene or polyisocyanurate insulation.
- Use fiber composite or plastic connectors no metal connectors.
- Concrete materials: Portland cement ASTM C-180, Type
   I or III; Fly ash, ASTM C-618, Class C or F may be substituted for up to 20% of total cementitious materials
- Concrete mix: 28 day compressive strength, 5,000 psi minimum
- 8. Interior surface: paint or skim-coat plaster
- 9. Minimum R-value is R-13.5

## Guidelines - Pre-Cast Concrete - Insulated Sandwich Walls:

 Fly ash, ASTM C-618, Class C or F, may be substituted for up to 20% of total cementitious materials.



## Metal Roof with Blanket Insulation

### Components

- Standing seam metal roof panels, minimum 26 gauge
  - · Profile: vertical, rib, seamed joint
  - Material: aluminum zinc alloy coated steel sheet
  - Exterior finish: fluoropolymer two-coat finish system, 70% PDFY resin
  - Snow guards: seam-mounted, stop or bare type (surface mounted is not acceptable)
- Insulation: glass fiber blanket (Minimum R-value R-19) with vapor tight edge tabs and facer faced on under side (Minimum R-Value R-19)
- Galvanized Factory primed or galvanized steel purlins
- Solid substrate with ice/water shield moisture barrier recommended.
- Structural support:
  - · Steel joist or truss joists
  - Pre-engineered structural framing system
- · Sheet metal drip edge and flashing
- Snow guards

## Performance Standards - Metal Roof with Blanket Insulation

- 1. Roofing and flashings shall
  - · remain watertight
  - not permit the passage of water
  - resist uplift pressure calculated according to current version(s) of applicable code(s)
  - resist thermally induced movement
  - not fail when exposed to weather

#### Moisture resistant

#### Thermal resistant

- 2. System shall meet Class 4 per UL 2218 impact test
- 3. System shall meet UL Class "A" for fire resistance
- 4. System shall have ASTM E1592-94 wind uplift classification
- No water penetration when tested according to ASTE ASTM E1646
- Air leakage through assembly of not more than 0.06 CFM/sq. ft. of roof area when tested to ASTM E1680
- 7. "ENERGY STAR" compliant surface treatments
- Special warranty on panel finishes by manufacturer: 20 years
- Special weather tightness warranty <u>by manufacturer</u> for standing seam metal roof panels: 20 years
- 10. Contractor furnish 2 year guarantee on materials and workmanship for all system components and accessories (in accordance with terms and conditions of required manufacturer's 20 year weathertightness warranty-warranties)

### Component - Ice / water shield

- <u>Ice / water shield moisture barrier</u> recommended
- Install over required solid substrate component

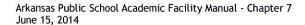
## Guideline - Metal Roof with Blanket Insulation

"ENERGY STAR" compliant roof surface recommended



## Construction Standards - Metal Roof with Blanket Insulation

- 1. Minimum 1:12 slope
- 2. Thermal spacers Provide break where panels attach directly to purlins
  - 3. Standing seam assembly: factory formed, cap seam assembly designed for concealed mechanical attachment of panels to roof purlins or deck
  - 4. Air leakage through assembly of not more than 0.06 CFM/sq. ft. of roof area when tested to ASTM E 1680.
  - 5. No water penetration when tested according to ASTM E 1646.
  - 6. Roof panels shall be 26 gauge minimum.
  - Provide pre-roofing conference prior to field installation of roofing system to comply with the manufacturer's requirements. Provide post installation inspection required to comply per with manufacturer's recommendations requirements.
  - 5. Snow guards shainbeinstalled





## **Interior Floor Finishes**

### Performance Standards - Interior Floor Finishes

- Water-based coatings and adhesives
- Nontoxic and non-polluting materials (low VOC) 2.
- Resistant to moisture or inhibits the growth of biological contaminants
- 4. Easy to clean Can be cleaned with non-polluting maintenance products
- 5. Durable to withstand Suitable for heavy use without requiring frequent replacement areas
- 6. Easy to maintain
- 7. Prior to finish flooring installation, Pprovide moisture testing of concrete floors to meet finish flooring manufacturer's requirements

## Examples - Interior Floor Finishes

- Soft Surface Flooring
- Vinyl composition tile (VCT and vinyl enhanced tile (VET)
  Carpeting and carpet tiles
- Rubber flooring
- Hard Surface Flooring
  - Porcelain ceramic tile (CT) with recycled content
  - Quarry tile (QT)
  - Terrazzo tile with recycled
    - content Concrete finish
  - Wood (athletic)
  - Resinous epoxy
  - Hardwood

## **Guidelines - Interior Floor Finishes**

- Maximize Rrecycled/recyclable content
- Minimize PVC content



## **Acoustical Ceilings and Panels**

### **Examples - Acoustical Ceilings and Panels**

- Suspended acoustic ceiling systems or acoustical panels
- Sprayed-on acoustical treatment
- · Acoustical wall treatment
- · Abuse resistant acoustical panels
- · Metal Ceiling Panels
- Wood Ceilings

## Construction Standards - Acoustical Ceilings and Panels

- Ceiling suspension system: Conform to ASTM C 635; main and cross runners roll-formed from cold-rolled steel sheet, pre-painted; Hot-dip galvanized per ASTM A 653, G30 coating
- Ceiling panels shall meet ASTM C 1264 for Class A materials
- 3. Acoustic ceiling panels shall have a minimum Noise Reduction Coefficient (NRC) 0.65 0.55 and Ceiling Attenuation Class (CAC) 35 rating
- 4. Spray-on acoustical treatment: minimum NRC values of 0.65 per ASTM C423, and a maximum flame spread rating of 15, and smoke developed of 0 per ASTM E84;thickness as necessary to accomplish design Rvalue and STC values
- Acoustical wall treatment: rigid glass-fiber board and fine-grain cork core faced with fabric
- Abuse-resistant acoustical panels: flame spread <u>rating</u> less than 25; wood fibers and hydraulic cement binder composition
- 7. Specify low formaldehyde acoustical ceiling panels

## <u>Performance Benefits - Acoustical</u> Ceilings and Panels

- Good sound absorption qualities
- Low cost ceiling application

## Performance Guidelines Acoustical Ceilings and Panels

- Good sound absorption qualities
- Consider ceiling tiles that contain a minimum recycled content of 20%
- Low cost ceiling application
- Ceiling panels should have a minimum rating NRC 0.65 and CAC 35
- Ceiling panels shall meet ASTM C 1264 for Class A materials; anti-microbial treatment is optional

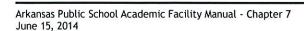


Independent, separate raceway, wiring, and transfer switches shall be provided for emergency life safety systems and non-emergency life safety systems.

- 13. Consideration to rRun all branch circuit and feeder conduits within buildings above ceilings and within walls shall be taken unless stated below. No device conduits are permitted in or below slabs unless serving a device or millwork that requires it. Below slab conduit may be used from MDP to the secondary panels only. Conduit shall be ¾" minimum trade size. MC cable may be used for "lighting whips" of lengths less than 6'0". EMT conduit should be used within walls and above ceilings to ease future circuit and technology upgrades.
- 14. PVC conduit is not allowed except for the underground portion of the incoming utility service to the buildings. It must then be encased in 3" of concrete. All elbows and risers to 6" above finished floor in PVC conduit runs must be rigid steel. PVC elbows are not allowed.
- 15. MC cable is not allowed for use in walls to devices.

### Standards - Lighting

- Interior instructional spaces shall be artificially illuminated with energy-efficient and high-efficiency fluorescent light fixtures. utilizing low harmonic electronic ballasts and low-mercury certified lamps.
- 2. High volume spaces such as gymnasiums, student dining, etc., shall be illuminated with high-efficiency, high-intensity discharge lamp type light fixtures; or, an equal or better energy efficient fluorescent luminaire that maintains or increases light levels. Fluorescent luminaires which are at least as efficient as high-intensity discharge fixtures are recommended over seating areas. Quartz restrike options shall be incorporated into some fixtures to provide an average of 2 foot-candles of illumination during the cool- down/warm-up (restrike) period caused by momentary electrical outages.
- 1. The minimum illumination (foot-candle) levels shall conform to the established Illuminating Engineers Society of North America (IES) guidelines. See the "School Lighting Levels" illumination chart at the end of this section 7400. Foot-candle calculation shall be developed by using computerized point-by-point analysis of classrooms and other learning spaces. Ceiling, wall, and floor material reflectances shall be verified with the Electrical Design Professional.
- Emergency means of egress lighting shall be provided per local and NFPA Code requirements. The following areas shall have emergency illumination whether having natural illumination or not:
  - · Exits and exit access corridors
  - Small and large assembly areas
  - Locker rooms
  - Student restrooms
  - · Main and other dedicated electrical rooms
  - Main mechanical room and other mechanical decks
  - Emergency power equipment location
  - Administration and other building control areas





## Outlet Recommended Device Locations

ELECTRICAL OUTLET DEVICE TYPE	Masonry Wall, Base (Starter) Course  Height 4 inch	Masonry Wall, Base (Starter) Course Height 8 inch Mounting Height Above Floor to Bottom of Outlet (Device) Box
Receptacle outlets, microphone outlets (jacks), equipment outlets (jacks), television outlets (jacks), portable telephone outlets, computer outlets, etc.		
* General throughout  * Mechanical equipment rooms  * Above counter tops 30"H 36"H 48"H  * Above backsplash top  * Above radiators  * Above or adjacent to lavatories  * Behind domestic refrigerators  * Behind domestic washers and dryers  * Serving domestic dishwashers  * Wall-mounted telephone outlets  * Telephone/video control	18" 52" 36" 44" 52" 2" minimum 6" minimum 44" 52" 36" 2" 44" 44"	18" 48" 40" 48" 56" 2" minimum 6" minimum 48" 56" 32" 2" 48" 48"
Toggle switches	48"	48"
Recessed motor controllers	60"	56"
Electric panels, terminal cabinets, etc., to center of tub or box	50"	48"
Clocks	Near ceiling	Near ceiling
Pull stations (fire alarm)	44"	44"
Volume controls, call-in switches, doorbell buttons	44"	44"
Horn/strobes (fire alarm)	80"	80"



## **Technology Systems**

### Components - Technology Systems

- General
- Technology Wiring
- Telecommunications Room Wiring
- · Telecommunications Room Interior Environment
- Telecommunications Room Terminations
- Building Technology Wiring
- Telephone Systems
- Data/Communications Network
- Central Sound System/Public Address System
- Gymnasium Sound Reinforcement System
- High School Student Dining Area Sound Reinforcement System
- Student Dining Sound Reinforcement Systems (Cafetoriums only)
- Music Room Sound Reinforcement Systems
- Security Systems (optional)
- Interactive Classroom Design (optional)

#### Standards - General - Technology Systems

- A Technology System Plan and Specifications shall be prepared as part of the overall building design process before construction begins in accordance with the latest edition of the Building Industry Consulting Service International (BICSI) Telecommunications Distribution Methods Manual (TDMM). It shall be designed and approved by a Registered Communications Distribution Designer (RCDD).
- 2. All work shall be performed in accordance with the latest revisions of the following standards and codes:
  - Uniform Building CodeState Building Code
  - Local Building Code
  - Local Electrical Code
  - National Electrical Code
  - EIA/TIA-568-C Commercial Building Wiring Standards
  - EIA/TIA-569-C Commercial Building Standard for Telecommunication Pathways and Spaces
  - <u>TIA 606-B Telecommunications Administration</u>
     Labeling Standard
  - EIA/TIA J-STD-607-BA Commercial Building Grounding/Bonding Requirements Standard
- A Technology System Plan shall consist of the following minimum Telecommunications Drawings, as required:
  - Campus or Site Plans, Exterior Pathways, and Inter-Building Backbones
    - Shows physical and logical connections from the perspective of an entire campus - such as actual building locations, exterior pathways, inter-building backbone cabling on plan view drawings, and major



 The Technology System Plan and Specifications should be designed and approved by a Registered Communications Distribution Designer (RCDD).

