BUILDING CODE DATA

APPLICABLE CODES:
INTERNATIONAL BUILDING CODE – 2006
AMERICANS WITH DISABILITIES ACT (ADA) – 1990
LIFE SAFETY CODE – 1994
ARKANSAS STATE MECHANICAL CODE – 2003
ARKANSAS STATE PLUMBING CODE – 2003
NATIONAL ELECTRICAL CODE – 2005

1. OCCUPANCY CLASSIFICATION (CHAPTER 3)
GROUP A–3 EXHIBITION HALL (303), HEIGHT AND AREA REQUIREMENTS FOR GROUP A–3

2. PHYSICAL PROPERTIES :
A. BLDG. AREA (GROSS): 16,026 SQ. FT.

B. OCC. LD.(T1004.1.1):

EXHIBITS (7 NET) ASSEMBLY A–3	890.3
MEETING RM. (7 NET) ASSEMBLY A–3	474
CAFE (15 NET) ASSEMBLY A–2	81.5
KITCHEN (200 GROSS)	1.4
GIFT SHOP (30 GROSS) MERCANTILE	68.8
STORAGE (300 GROSS) ACCESSORY	4.6
TOTAL	1520.6

C. SEPARATION DISTANCE TO PROPERTY LINES
NORTH 64'–8"
WEST 382'
SOUTH 75'–9" TO EXISTING BUILDING OWNED BY HEIFER
EAST 597'–0"

3. SEPARATION OF OCCUPANCY (T508.3.3)
A. NO SEPARATION OF OCCUPANCY IS REQUIRED. 508.3.2.1–508.3.2.1

4. CONSTRUCTION TYPE (T602): TYPE IIIB SPRINKLERED

5. ALLOWABLE HEIGHTS AND BUILDING AREA ABOVE GRADE PLANE (T500). MUST MEET HEIGHT AND AREA REQUIREMENTS OF ASSEMBLY A–3
A. MAX. HEIGHT 65' (T503) ALLOW. 30'–11" ACTUAL
B. MAX. FLOOR AREA 38,950 S.F. BASED ON FRONTAGE & SPRINKLER INCREASE (506.3) 16,026.5 SQ. FT. ACTUAL
C. MAX. STORIES 3 1 ACTUAL

6. DETAILED CONSTRUCTION REQUIREMENTS
A. FIRE PROTECTION OF STRUCTURAL MEMBERS (CH. 6 & T601)

STRUCTURAL FRAME	0
BEARING WALLS	EXTERIOR: 2 INTERIOR: 0
NONBEAR. WALLS & PARTITION	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

B. FIRE PROTECTION REQUIREMENTS FIRE RESISTANCE/(OPENING PROTECTIVES PER T714.2)

EXTERIOR WALLS	NO LIMIT
INTERIOR WALLS	0
EXIT ACCESS CORRIDORS:	NA
MECHANICAL RM.	0 (T508.2) SPRINKLERED
STORAGE ROOMS	0 (T508.2) SPRINKLERED

7. MEANS OF EGRESS REQUIREMENTS
A. DIMENSIONAL LIMITS:

MAXIMUM TRAVEL DISTANCE	250' (T1016.1)
MAXIMUM COMMON PATH OF TRAVEL	75' (1014.3)
MAXIMUM DEAD END CORRIDOR	20' TYPICAL, (T1017.3)
EGRESS WIDTH/PERSON	0.15 (T1003.2.3)
MINIMUM CORRIDOR WIDTH	44" (1017.2)
OCCUPANT LOAD LESS THAN OR EQ. TO 50	36"
MINIMUM CLEAR OPENING	32"
ACCESS TO ELECTR., MECH. & PLUMB.	24"

B. MINIMUM NUMBER OF EXITS PER USE (T1019.1)

EXHIBITS	3
MEETING RM.	2
CAFE	2
KITCHEN	1 (T1015.1)
GIFT SHOP	2
STORAGE	1 (T1015.1)

C. NO REQUIREMENTS ARE MADE IN THIS CODE FOR CONCEALED SPACES, OTHER THAN FOR DRAFTSTOPPING (SEE CHAPTER 23 BELOW)

D. DOORS (EGRESS):
1. MINIMUM DOOR CLEAR WIDTH SHALL BE 'S 32". CLOSET DOORS MAY BE ANY WIDTH IF THE CLOSET IS LESS THAN 10 S.F. MAXIMUM DOOR WIDTH IS 48". MINIMUM HEIGHT IS 80". (1008)
2. DOORS MUST SWING IN THE DIRECTION OF TRAVEL IF THERE ARE 50 OR MORE OCCUPANTS (1008.1.2). DURING THE SWING, THE DOOR MUST LEAVE AT LEAST 50% OF THE REQUIRED EGRESS WIDTH. WHEN FULLY OPEN, THE DOOR SHALL NOT PROJECT MORE THAN 7" INTO THE REQUIRED WIDTH. (1005.2)
3. ACCESS CONTROLLED EGRESS DOORS ARE ALLOWED (1008.1.3.4).
4. THERE MAY NOT BE PROJECTIONS INTO THE REQUIRED CLEAR WIDTH OF DOORS LOWER THAN 34" ABOVE THE FLOOR. PROJECTIONS BETWEEN 34" AND 80" SHALL NOT EXCEED 4" (1008.1.1.1).
5. THERE SHALL BE A LANDING BOTH SIDES OF A DOOR (1008.1.4).
6. DOORS IN SERIES MUST BE 48" CLEAR PLUS THE WIDTH OF THE DOOR (1008.1.7).
7. HANDLES, PULLS LATCHES & LOCKS SHALL BE BETWEEN 34" & 48" ABOVE THE FINISHED FLOOR (1008.1.8.2).

E. GUARDRAILS ARE REQUIRED IF THE FLOOR IS GREATER THAN 30" ABOVE THE FLOOR BELOW (1013.1). GUARDRAILS SHALL BE A MINIMUM OF 42" FROM GUARD TO NOSE OF TREAD OR FLOOR. OPENINGS SHALL NOT ALLOW A 4" SPHERE TO PASS TO A HEIGHT OF 34", THEN AN 8" SPHERE TO A HEIGHT OF 42". TRIANGULAR SHAPED OPENINGS BETWEEN TREAD, RISER AND BOTTOM OF GUARDRAIL WILL NOT PERMIT THE PASSAGE OF A 6" SPHERE. (1013.3)

F. CEILING HEIGHT SHALL BE 7 FEET 6 INCHES FOR MEANS OF EGRESS (1003.2).

8. ACCESSIBILITY FOR PEOPLE WITH PHYSICAL DISABILITIES
A. SEE ADA FOR ALL REQUIREMENTS NOT LISTED BELOW.
B. DIRECTIONAL SIGNAGE SHALL BE LOCATED AT INACCESSIBLE LOCATIONS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE LOCATION (1110.2).
C. AT LEAST ONE STORAGE ELEMENT SHALL BE ACCESSIBLE (1109.8).
D. LIBRARY SHELVING & DISPLAY UNITS SHALL NOT BE REQUIRED TO COMPLY WITH REACH RANGE PROVISIONS (1109.8.2).
E. SPACES FREQUENTED ONLY BY PERSONNEL FOR MAINTENANCE AND REPAIR OR MONITORING OF EQUIPMENT ARE NOT REQUIRED TO BE ACCESSIBLE. 1103.2.9
F. WHERE COUNTERS ARE PROVIDED FOR SALES OR DISTRIBUTION OF GOODS OR SERVICES, AT LEAST ONE OF EACH TYPE PROVIDED SHALL BE ACCESSIBLE. 1109.12.3
G. EMPLOYEE WORK AREAS SHALL BE DESIGNED FOR ACCESSIBLE APPROACH, ENTRY, AND EXIT FROM THE SPACE. 1103.2.3

9. INTERIOR FINISHES (T803.5)
A. MIN. INTERIOR FINISH CLASS.

EXIT ACCESS CORRIDORS & OTHER EXITWAYS	B
ROOMS & ENCLOSED SPACES	C
CORRIDORS	B

B. DECORATIVE MATERIALS SUSPENDED FROM WALLS OR CEILINGS SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701 IN ACCORDANCE WITH SECTION 806.2 OR BE NONCOMBUSTABLE. 806.1

10. OTHER REQUIREMENTS
A. SPRINKLERS, STANDPIPES AND ALARM SYSTEMS (CHAPTER 9)
AUTOMATIC STANDPIPE SYSTEM IS NOT REQUIRED (905.3.3).
SPRINKLERS ARE NOT REQUIRED FOR ROOF COVERED AREAS OUTSIDE EXTERIOR WALLS (DENNIS FREE, LRFD)

FOOTNOTES:
1. CLASS C PERMITTED FOR WAINSCOTING OR PANELING OF MORE THAN 1,000 s.f. IN THE GRADE LEVEL LOBBY PER T803.4, FOOTNOTE A.

MATERIAL LEGEND

CONCRETE – NEW
STONE – NEW
BRICK
BRICK ON ELEVATIONS
STONE ON ELEVATIONS
CMU
STEEL
RIGID INSULATION
WALL INSULATION
WOOD – FINISHED
WOOD – ROUGH
PLYWOOD
SPRINKLER PIPE
ELECTRICAL, PHONE, DATA, SECURITY CONDUIT

SYMBOL LEGEND

SECTION NUMBER / SHEET NUMBER – 5 / A401 – BUILDING SECTION
SECTION NUMBER / SHEET NUMBER – 4 / A305 – WALL SECTION
DETAIL NUMBER / SHEET NO. – 2 / A601 – DETAIL REFERENCE
DETAIL NUMBER – 11 / SHEET NUMBER – 12 / A701 – INTERIOR WALL ELEVATION OR MILLWORK ELEVATION
21 – STRUCTURAL GRID
FLOOR LEVEL
A1.E – WALL TYPE
420 – DOOR KEY
MATCH LINE – SEE SHEET A104b – WEST END
MATCH LINE – SEE SHEET A104a – EAST END
MATCH LINE
S – SMOKE DETECTOR
F – FIRE PULL STATION
F – FIRE ALARM HORN
V – FIRE ALARM STROBE
D – PHONE/DATA OUTLET
P – POWER OUTLET

ABBREVIATIONS

ALUM.	ALUMINUM	EW.	EACH WAY	HYD.	HYDRANT	R.	RADIUS
ABV	ABOVE	EQ.	EQUAL	HR.	HOUR	RJ.	REVEAL JOINT
A.F.F.	ABOVE FINISHED FLOOR	ELEC.	ELECTRIC(AL)	INSUL.	INSULATION	S.	SOUTH
AL.	ALUMINUM	EQPT.	EQUIPMENT	JT.	JOINT	S.S.	STAINLESS STEEL
ADJ.	ADJUSTABLE	EXIST.	EXISTING	JAN.	JANITOR	SSC	STAIRWAY STANDPIPE CONNECTION
ACOUST.	ACOUSTICAL	EXP.	EXPANSION	LAM.	LAMINATED	SUSP.	SUSPEND(ED)
ASPH.	ASPHALT	EWC	ELECTRIC WATER COOLER	L.C.S.	LIQUID CHALK SURFACE	S.C.	SOLID CORE
A.B.	ANCHOR BOLT	EXH.	EXHAUST	L.P.	LIGHT POLE	STL.	STEEL
BB	BUDGET BUILDING	E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	MECH.	MECHANICAL	SHELV.	SHELVING
BLKG.	BLOCKING	E.J.	EXPANSION JOINT	MACH.	MACHINE	S.E.	SOUTH EAST
BD.	BOARD	E.	EAST	MET.	METAL	STRUCT.	STRUCTURAL
BLK.	BLOCK	EX.	EXISTING	MANUF.	MANUFACTURER	STAND.	STANDARD
BOJ	BOTTOM OF JOIST	ENCL.	ENCLOSED/ENCLOSURE	MID.	MIDDLE	STOR.	STORAGE
BLDG.	BUILDING	EA.	EACH	MEMB.	MEMBRANE	SD	SOAP DISPENSER
BOT.	BOTTOM	EL.	ELEVATION	MAX.	MAXIMUM	STO.	STORAGE
BM.	BEAM	FURR.	FURRING	MIN.	MINIMUM	SIM.	SIMILAR
BIT.	BITUMINOUS	FEC	FIRE EXTINGUISHER CABINET	MED.	MEDIUM	SHT.	SHEET
C.B.	CHALKBOARD	FIN.	FINISHED	MAT.	MATERIAL	SDG.	SIDING
C.J.	CONTROL JOINT	FT.	FOOT/FEET	MB.	MARKERBOARD	TREAT.	TREATED
COL.	COLUMN	FB.	FACE BRICK	MEZZ.	MEZZANINE	TOIL.	TOILET
CO.	COMPANY	F.F.	FINISHED FLOOR	MTR.	MOTOR	TYP.	TYPICAL
C.M.U.	CONCRETE MASONRY UNIT	FLSHG.	FLASHING	M.E.J.	MASONRY EXPANSION JOINT	TAPER.	TAPERED
CTRFLSHG.	COUNTERFLASHING	FLSG.	FLASHING	MTL.	METAL	TEL.	TELEPHONE
CONT.	CONTINUOUS	FASTEN.	FASTENER	N.I.C.	NOT IN CONTRACT	T.O.C.	TOP OF CURB
CONTIN.	CONTINUOUS	FDN.	FOUNDATION	N.W.	NORTH WEST	T.O.B.	TOP OF BEAM
CLG.	CEILING	FLR.	FLOOR	N	NORTH	TP.	TOILET PARTITION
CONN.	CONNECTION	FOUND.	FOUNDATION	OPP.	OPPOSITE	TB.	TACK BOARD
CAB.	CABINET	FTG.	FOOTING	O.C.	ON CENTER	T.B.R.	TO BE REMOVED
COV.	COVER	FH.	FIRE HYDRANT	PLYWD.	PLYWOOD	TK.	THICK
CONF.	CONFERENCE	F.D.	FLOOR DRAIN	PREFAB.	PREFABRICATED	T.J.	TOOLED JOINT
DIAM.	DIAMETER	F.V	FIELD VERIFY	P.	PROPERTY LINE	U.N.O.	UNLESS NOTED OTHERWISE
DIM.	DIMENSION	GYP.	GYPSUM	PVC	POLYVINYL CHLORIDE	UL DES.	UNDERWRITER'S LABRATORY DESIGN
DN.	DOWN	G.B.	GRAB BAR	PTD/WR	PAPER TOWEL DISPENSER/WASTE RECEPTACLE	V.T.R.	VENT THRU ROOF
DS.	DOWNSPOUT	GA	GEYER AND ADAMS BUILDING	P.P.	POWER POLE	VEST.	VESTIBULE
DR.	DOOR	H.R.	HAND RAIL	RETAIN.	RETAINING	W/	WITH
D.F.	DRINKING FOUNTAIN	HD.	HAND	REINF.	REINFORCE(MENT)	W.W.M.	WELDED WIRE MESH
D.W.	DISHWASHER	H.C.	HANDICAP(PED)	R.R.	RAILROAD	W	WEST
DOS	DAYLIGHT OCCUPANCY SENSOR	HORIZ.	HORIZONTAL	ROOF.	ROOFING	WASH.	WASHER
ELEV.	ELEVATION/ELEVATOR	H.M.	HOLLOW METAL	RE.	REFER	WD.	WOOD
		HT.	HEIGHT	RM.	ROOM	WDW.	WINDOW

GENERAL PROJECT NOTES:

1. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
2. LOCATE WALLS AND PARTITIONS ON CENTERLINE OF COLUMNS UNLESS OTHERWISE NOTED.
3. SEE GENERAL FINISH NOTES SHEET A801 FOR PAINTING OF BUILDING STRUCTURE AND BUILDING SYSTEMS.
4. REVIEW AND COORDINATE ALL SYSTEMS AND DEVICES EXPOSED TO VIEW WITH ARCHITECT BEFORE INSTALLATION.

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