S S S

PROJECT NAME:

ADDRESS: BOSSIER CITY, LA

PROPOSED USE:

BUILDING CODES:

2006 INTERNATIONAL BUILDING CODE
2005 NATIONAL ELECTRIC CODE
2006 INTERNATIONAL MECHANICAL CODE
2000 LOUISANA PLUMBING CODE
ACCESSIBILTY CODE - ANSI
2003 LIFE SAFETY CODE - NFPA 101 (2000)
ENERGY CODE LRS 40:1130:21 (LA STATE LAW)
* CODES SUBJECT TO STATE AMENDMENTS

AW)± ASHRAE/IES 9Ø]

GENERAL BUILDING INFORMATION:

SQUARE FOOTAGE:

FLOOR	<u>∀38</u> F∀	ĬŬ D
GROUND FLOOR		
ASSEMBLY (A-3)	22,749 SF	
BUSINESS (B)	541 SF	
GROUND FLOOR TOTAL		23,29Ø SF
SECOND FLOOR		12,790 SF
THIRD FLOOR		13,656 SF
FOURTH FLOOR		13,656 SF
FIFTH FLOOR		13,656 SF
SIXTH FLOOR		13,656 SF
70 O TI		457 SF
TOTAL		91,161 5F

ASSEMBLY A-3	OCCUPANCY:

REQUIRED SEPARATION:

RESIDENTIAL R-I BUSINESS (B) 1 HOUR (TABLE 302.3.3)
1 HOUR (TABLE 302.3.3)
1 HOUR (TABLE 302.3.3)

NON-SEPARATED MIXED OCCUPANCY (302.3.2 EXCEPTION)

THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS OF EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

CONSTRUCTION TYPE

SPRINKLED IN ACCORDANCE W/ NEPA 13, 14, 20,

OWABLE BUILDING HEIGHTS AND AREA: (1.503)

٦				
				A-3
	⊳	S	工	
	드	=	T	1.503
			20'-0"	
	F	12	180'-0=	ALLOWED
	23,290 SF		180'-0" 69'-15/8"	ALLOWED PROPOSED

54 SF	<u></u>	ı	F	\triangleright	
	12	_	=	S	
180'-0= 69'-15/8=		20'-0"	<u> </u>	I	
PROPOSED	ALLOWED	ALLOWABLE NOREASE	T.503		$\widehat{\underline{w}}$
13,656 SF	Ę	1	LI.	⊳	
0	12	_	=	S	
180'-0" 69'-1 5/8"	180'-0 ^{II}	20'-0"	<u> </u>	工	A BAY
ALLOWED PROPOSED	ALLOWED		1.503		70

ADDIT

IONAL FIRE RESISTANCE RATINGS:

REQUIRED HOURLY

HOURLY HOURLY

DESIGN NO. FOR
RATED ASSEMBLY
UL#U451
UL#U451
UL#U420

BUILDING ELEMENT

EXIT ACCESS CORRIDORS

GUESTROOM SEPARATION

GUESTROOM BATH SEPARATION

SHAFTS (HOTEL ONLY)

FIRE ENCLOSURE EXITS

OCCUPANCY SEPARATION

EXITING REQUIREMENTS:

SIXTH (RI)	FIFTH (181)	FOURTH (RI)	THIRD (RI)	SECOND (RI)	GROUND (B)	GROUND (A3)	
13,656	13,656	13,656	13,656	12,790	541	22,749	GROSS FLOOR AREA
200	200	200	200	200	00	Œ	MAX. AREA/ OCCUPANT (T. 1003.1)
69	69	69	69	64	Q1	1,455	CALCULATED OCCUPANT LOAD
2	2	2	2	2	2	4	REQUIRED EXITS (S. 10042)
2	2	2	2	2	2	4	PROVIDED EXITS

	TO 70	TRAVEL DISTANCE: FOR A	
	70	>	O COLLAND
300'-0" (T. 10042,4)	250'-0" (T. 1004.2.4)	250'-0" (†. 1004.2.4)	\$TT08117
66'- 0" (T, 1004.2	133'-6" (T. 1004.2	96'-4" (T. 1004.2	47-24

TAXITUT

LIFE SAFETY SYSTEMS

SPRINKLER SYSTEM:

NFPA 13, 14, 20 \$ 27
FIRE ALARM \$ COMMUNICATION SYSTEM:

NEPA 72

SMOKE CONTROL: 92B, 4 101

STANDBY POWER: EMERGENCY POWE TR # LIGHTING

DESIGN LOADS:

WIND
FLOOR DESIGN LOADS
GUEST ROOM
CORRIDORS
STAIRS
ROOF (MINIMUM)

HANDRAILS:

CONCENTRATED LOAD OF 200 LB APPLIED AND IN ANY DIRECTION
GUARDRAILS: TNIOU YNY

ACCESSIBLE AND HEARING IMPAIRED GUEST ROOMS: CONCENTRATED LOAD OF 200 LB APPLIED AND IN ANY DIRECTION AT THE TOP OF THE (302.32 EXCEPTION) 223, 323, 324, 423, 424, 523, 524

ADDITIONAL HEARING IMPAIRED GUEST ROOMS: 208, 308, 408, 508, 608

RESISTANCE RATINGS FOR

BUILDING ELEMENT	, <u>m</u>	- WINING %		DESIGN NO. FOR RATED ASSEMBLY
STRUCTURAL FRAME COLUMNS, GIRDERS, TRUSSES	2 HOUR		2 HOUR	UL #X771, #X528
BEARING WALLS EXTERIOR INTERIOR INTERIOR (ROOF SUPPORT ONLY)	2 HOUR 2 HOUR 1 HOUR	ETRATOR EE	2 TOUR 2 TOUR 2 TOUR	## 000 000 000 000
NON-BEARING WALLS INTERIOR EXTERIOR	S		—	UL#U451, U411, U418 U420, U507 U465
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOIST	2 HOUR		2 HOUR	D826, D827
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOIST (20' ABOVE FLOOR BELOW)	(& HONE)	WA GU	NOTA TOTA	MT #210

BUILDING IS TO BE EQUIPPED THROUGHOUT WITH A SUPERVISED COMBINATION WET AND DRY AUTOMATIC SPRINKLER SYSTEM DESIGNED AND INSTALLED IN COMPLIANCE WITH ALL REQUIREMENTS OF NFPA 13 WITH VARIATIONS (SEE NOTE ON PLUMBING DRAWINGS) AND COMPLY WITH APPLICABLE SECTIONS OF THIS BUILDING CODE AND OTHER CODES HAVING JURISDICTIONS OVER CONSTRUCTION AND OCCUPANCY. SPECIFICATIONS (INCLUDING CALCS.) & DRAWINGS OF SPRINKLER SYSTEM SHALL BE SUBMITTED TO ARCHITECT AND PROPER AUTHORITIES & APPROVAL OBTAINED BEFORE CONSTRUCTION.

STAIR IDENTIFICATION: SPRINKLER SYSTEM NOTES:
BUILDING IS TO BE EQUIPPE
DRY AUTOMATIC SPRINKLER

AN APPROVED SIGN SHALL BE LOCATED AT EACH FLOOR LEVEL LANDING IN ALL ENCLOSED STAIRMAYS. THE SIGN SHALL INDICATE THE FLOOR LEVEL AND THE AVAILABILITY OF ROOF ACCESS FROM THAT STAIRMAY AND AN IDENTIFICATION OF THE STAIRMAY. THE SIGN SHALL ALSO STATE THE FLOOR LEVEL OF AND DIRECTION TO EXIT DISCHARGE. THE SIGN SHALL BE LOCATED APPROXIMATELY 5 FT. ABOVE THE FLOOR LANDING IN A POSITION WHICH IS READILY VISIBLE WHEN THE DOOR IS IN THE OPEN OR CLOSED POSITION. LETTERS OR NUMBERS SHALL BE AT LEAST FOUR (4) INCHES HIGH WITH A HALF INCH WIDE STROKE.

AUXILIARY VISUAL ALARMS SHALL BE PROVIDED AND SHALL COMPLY WITH 428.4 OF ADAAG. VISUAL NOTIFICATION DEVICES SHALL BE PROVIDED IN SLEEPING ROOMS, LIVING ROOMS, AND BATHROOMS TO ALERT ROOM OCCUPANTS OF FIRE ALARM AND SMOKE DETECTOR ACTIVATION, INCOMING TELEPHONE CALLS, AND DOOR KNOCK OR BELL. PERMANENTLY INSTALLED TELEPHONES SHALL HAVE VOLUME CONTROLS COMPLYING WITH ADAAG. AN ACCESSIBLE ELECTRICAL OUTLET WITHIN 4 FT. OF A TELEPHONE CONNECTION SHALL BE PROVIDED TO FACILITATE THE USE OF A TEXT TELEPHONE.

THERMAL ENVELOPE:

ZONE 3 - 2006 INTERNATIONAL TABLE 5022 (1) ENERGY

WALL COMPOSITION

1/2" GYP BOARD

3 1/2" BATT INS.

1/2" SHEATHING

13.9 TOT AIR SP, E.I.F.S. C R SPACE & MEMBRANE,
F.S. OR BRICK EXTERIOR)

ROOF COMPOSITION

1/2" POLYISO

LAYERS REQUIRED R=15REQUIRED TE W/

ROOF COMPOSITION

1 1/2" POLYISO

3 LAYERS REQUIRED N VALUES 22 TOTAL R=30 REQUIRED TAPERING BOARD T/TRUSS)

×ω 33 TOTAL BEFORE

ACCESSIBLE FACILITIES
FOUR ACCESSIBLE ENTRIES TO THE BUILDING ARE PROVIDED FROM PUBLIC WAYS ALONG ACCESSIBLE EXTERIOR ROUTES. ALL PUBLIC AREAS ARE ACCESSIBLE. SEVEN ACCESSIBLE ROOMS ARE PROVIDED INCLUDING TWO ROOMS EQUIPPED WITH A ROLL-IN SHOWER. FIVE ADDITIONAL ROOMS ARE EQUIPPED FOR THE USE OF THE HEARING IMPAIRED. HEARING IMPAIRED ROOMS SHALL HAVE IDENTICAL ELECTRICAL SYSTEMS AS ACCESSIBLE ROOMS IN LIVING AREAS, SLEEPING AREAS AND BATHROOMS. SEE NOTES BELOW.

VISUAL ALARMS, NOTIFICATION DEVICES AND TELEPHONES FOR ACCESSIBLE AND HEARING IMPAIRED ROOMS (ADAAG 9.3.1):

ELECTRICAL ENGINEER:
CONNIE SCOTT
CHS ENGINEERING
126 SOUTH MOUNT MORIAH
MEMPHIS, TN 38117
(901)-161-2551 PHONE
(901)-161-5331 FAX
chsengabelisouthnet E-MAIL CIVIL ENGINEER:

JAMES MOHR

ANDY CRAIG

MOHR & ASSOCIATES, INC

6025 BUNCOMBE RD

SHREVEPORT, LA 11129

318-686-1190 PHONE

318-686-1196 FAX

acraigem. ohrandassoc.com) III-MAII

STRUCTURAL ENGINEER:

SK INTERNATIONAL, INC ISØ SOUTH MAIN STREET HUNTSILLE, AL 35811 256-851-Ø686 FAX 256-652-Ø000 CELL skint97@aol.com E-MAIL

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A R ∩

OWNER:

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NO.

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10/26/07

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(901)-683-2385 FAX
plague@llwarchitects.com E-MAIL

PLUMBING ENGINEER:

JEFF CRABTREE

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126 SOUTH MOUNT MORIAH
MEMPHIS, TN 38117
(901)-161-9898 PHONE
(901)-161-9890 FAX
jce98abellsouthnet E-MAIL MECHANICAL ENGINEER:

JEHF CRABTREE

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SK INTERNATIONAL, INC. 130 SOUTH MAIN STREET HUNTSVILLE, AL 35811 (256) 852-3098

CONSULTANTS STRUCTURAL:

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ELECTRICAL: CHS ENGINEERING 726 S. MT. MORIAH MEMPHIS, TN 38117 (901) 767-2557



BUILDING CODE SUMMARY LOUISIANA

SCALE	FILE NAME	CHECKED BY	DRAWN BY	DATE	
NONE	1507-A001	PEL	DOH	10/26/07	

DRAWING

PROJECT NO