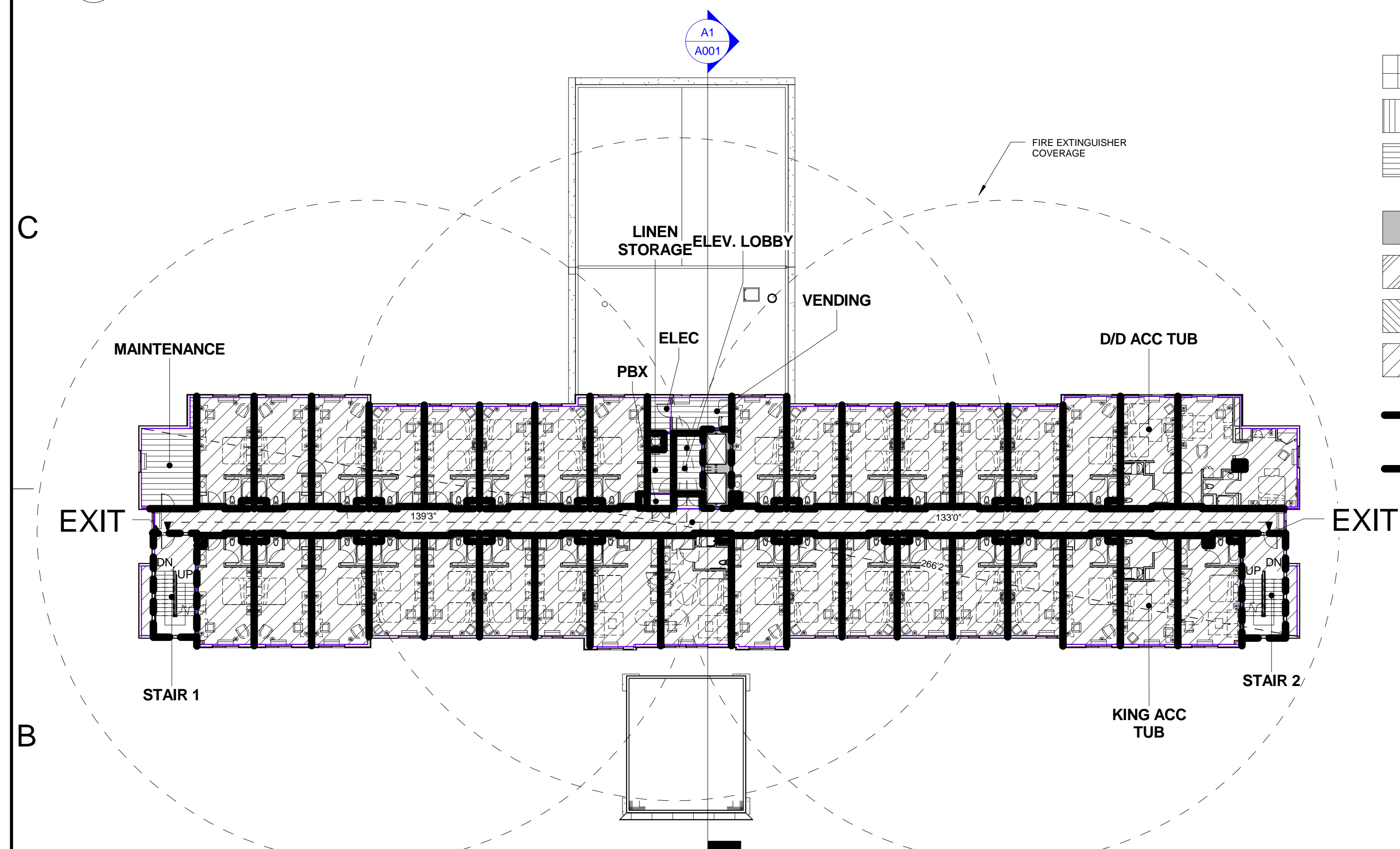
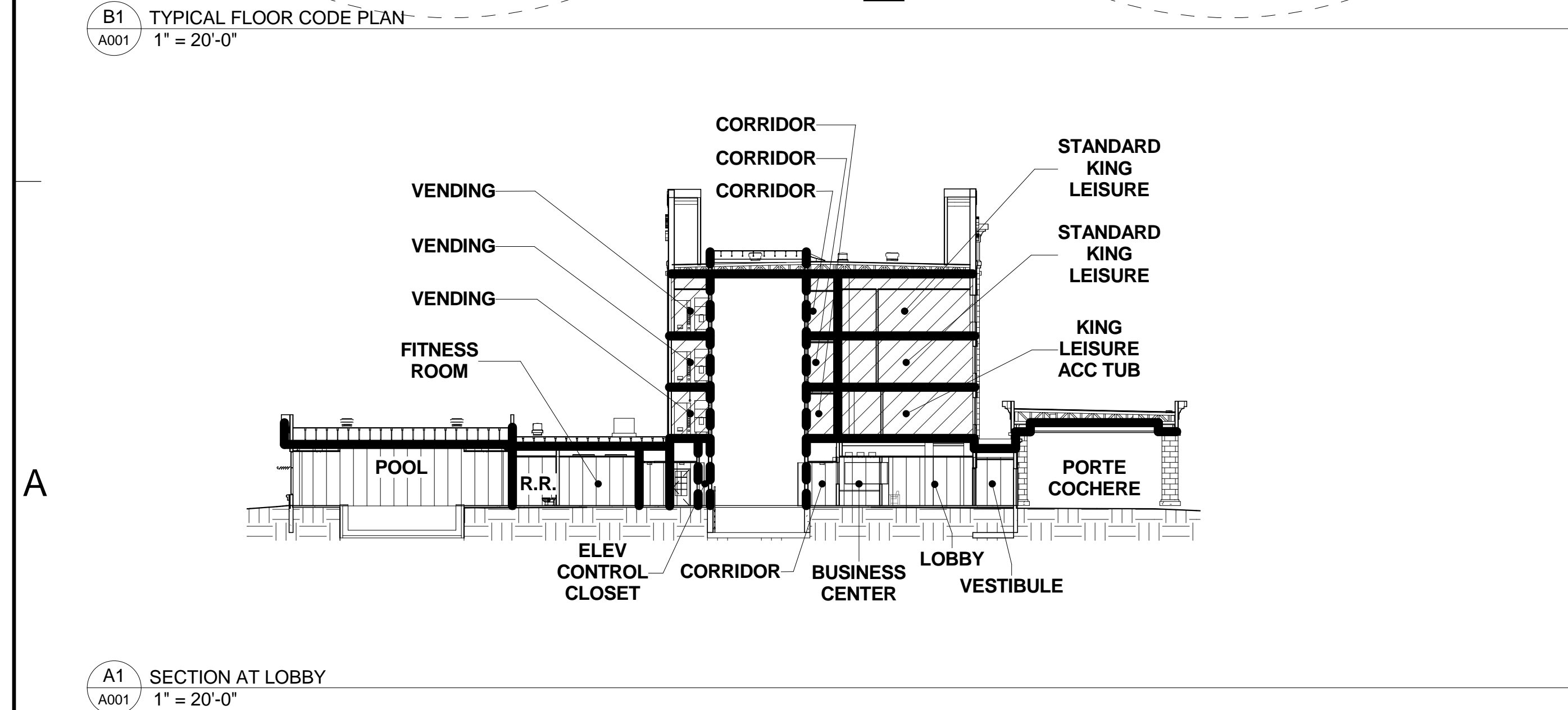


D1 FIRST FLOOR CODE PLAN
1" = 20'-0"



B1 TYPICAL FLOOR CODE PLAN
1" = 20'-0"



A1 SECTION AT LOBBY
1" = 20'-0"

NOTE:
THE LINEN CHUTE, ELEVATOR AND STAIR
SHAFTS ARE 2 HR. RATED.

MECHANICAL SHAFTS ARE 2 HR RATED

CODE PLAN/SECTION LEGEND

- A-2 OCCUPANCY (FIRE AREA 1)
 - A-3 OCCUPANCY (FIRE AREA 2)
 - ACCESSORY TO R-1
OCCUPANCY (PART OF FIRE AREA 3)
 - ELEVATOR
 - INCIDENTAL TO A-3 (PART OF FIRE AREA 2)
 - INCIDENTAL TO R-1 (PART OF FIRE AREA 3)
 - R-1 OCCUPANCY (FIRE AREA 3)
- 1 HR FIRE RATED PARTITION
- - - 2 HR FIRE RATED PARTITION

Area Schedule (CODE STUDY) 1st Floor										
Name	Area	OCC TYPE	Load Factor	Occ	MinExitReq	ExitProv	MinExitWidthReq	ExitWidthProv	Comments	
ADMIN	130 SF	ACCESSORY TO R-1 OCCUPANCY	100 SF	1.3	1	1	0' - 0 1/4"	3' - 0"		
BOARD ROOM	283 SF	ACCESSORY TO R-1 OCCUPANCY	7 SF	40.4	1	1	0' - 8 1/8"	3' - 0"		
BREAKFAST AREA	649 SF	A-2 OCCUPANCY	15 SF	43.3	1	1	0' - 8 5/8"	6' - 0"		
BREAKROOM	182 SF	ACCESSORY TO R-1 OCCUPANCY	15 SF	12.1	1	1	0' - 2 3/8"	3' - 0"		
CORRIDOR/STAIRS NORTH	914 SF	R-1 OCCUPANCY	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
CORRIDOR/STAIRS SOUTH	765 SF	R-1 OCCUPANCY	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
DRYERS	72 SF	INCIDENTAL TO R-1	300 SF	0.2	1	1	0' - 0"	2' - 6"		
ELEC (140)	252 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.8	1	2	0' - 0 1/8"	6' - 0"		
ELEV EQUIP	137 SF	INCIDENTAL TO R-1	300 SF	0.5	1	1	0' - 0 1/8"	6' - 0"		
ELEVATOR	116 SF	ELEVATOR	0 SF	0.0	1	0	0' - 0"	3' - 0"		
ELEVATOR CONTROL CLOSET	17 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.1	1	1	0' - 0"	6' - 0"		
EMPLOYEE R.R.	53 SF	ACCESSORY TO R-1 OCCUPANCY	200 SF	0.3	1	1	0' - 0"	3' - 0"		
FITNESS ROOM	312 SF	A-3 OCCUPANCY	50 SF	6.2	1	1	0' - 1 1/4"	3' - 0"		
GUESTROOM	1580 SF	R-1 OCCUPANCY	200 SF	7.9	1	1	0' - 1 5/8"	3' - 0"		
GUESTROOM	2662 SF	R-1 OCCUPANCY	200 SF	13.3	1	1	0' - 2 5/8"	3' - 0"		
GUESTROOM	1829 SF	R-1 OCCUPANCY	200 SF	9.1	1	1	0' - 1 7/8"	3' - 0"		
GUESTROOM	1829 SF	R-1 OCCUPANCY	200 SF	9.1	1	1	0' - 1 7/8"	3' - 0"		
LAUNDRY	348 SF	INCIDENTAL TO R-1	200 SF	1.7	1	1	0' - 0 3/8"	3' - 6"		
LINEN CHUTE	60 SF	INCIDENTAL TO R-1	300 SF	0.2	1	1	0' - 0"	3' - 6"		
LOBBY	1385 SF	A-3 OCCUPANCY	5 SF	276.9	2	4	4' - 7 3/8"	15'-0"		
LOBBY SEATING	338 SF	A-3 OCCUPANCY	15 SF	22.5	1	1	0' - 4 1/2"	12'-0"		
MECH (139)	282 SF	INCIDENTAL TO R-1	300 SF	0.9	1	1	0' - 0 1/4"	12'-0"		
MENS R.R.	90 SF	ACCESSORY TO R-1 OCCUPANCY	50 SF	1.8	1	1	0' - 0 3/8"	3' - 0"		
OFFICE	149 SF	ACCESSORY TO R-1 OCCUPANCY	100 SF	1.5	1	1	0' - 0 1/4"	3' - 0"		
PANTRY	219 SF	A-2 OCCUPANCY	200 SF	1.1	1	1	0' - 0 1/4"	3' - 0"		
PBX	100 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.3	1	1	0' - 0 1/8"	3' - 0"		
POOL	759 SF	A-3 OCCUPANCY	50 SF	15.2	1	2	0' - 3"	-		
POOL DECK	1168 SF	A-3 OCCUPANCY	15 SF	77.9	2	2	1' - 3 5/8"	6' - 0"		
POOL EQUIPMENT	155 SF	INCIDENTAL TO A-3	300 SF	0.5	1	1	0' - 0 1/8"	3' - 0"		
POOL R.R.	80 SF	A-3 OCCUPANCY	50 SF	1.6	1	1	0' - 0 3/8"	3' - 0"		
POOL STORAGE	82 SF	INCIDENTAL TO A-3	300 SF	0.3	1	1	0' - 0"	3' - 0"		
RECEPTION	116 SF	A-3 OCCUPANCY	100 SF	1.2	1	1	0' - 0 1/4"	3' - 0"		
WMNS R.R.	91 SF	ACCESSORY TO R-1 OCCUPANCY	50 SF	1.8	1	1	0' - 0 3/8"	3' - 0"		
1ST FLOOR TOTAL	17202 SF									

Area Schedule (CODE STUDY) Typical Floor										
Name	Area	OCC TYPE	Load Factor	Occ	MinExitReq	ExitProv	MinExitWidthReq	ExitWidthProv	Comments	
ELEC (224)	44 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.1	1	1	0' - 0"	3' - 0"		
ELEV LOBBY	115 SF	ACCESSORY TO R-1 OCCUPANCY	15 SF	7.7	1	1	0' - 1 1/2"	6' - 0"		
ELEVATOR	115 SF	ELEVATOR	0 SF	0.0	1	1	0' - 0"	3' - 0"		
GUEST CORRIDOR	2067 SF	R-1 OCCUPANCY	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
GUESTROOM	2444 SF	R-1 OCCUPANCY	200 SF	12.2	1	1	0' - 2 1/2"	3' - 0"		
GUESTROOM	2990 SF	R-1 OCCUPANCY	200 SF	14.9	1	1	0' - 3"	3' - 0"		
GUESTROOM	5653 SF	R-1 OCCUPANCY	200 SF	28.3	1	1	0' - 5 5/8"	3' - 0"		
LINEN	81 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.3	1	1	0' - 0"	3' - 0"		
MAINTENANCE	235 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.8	1	1	0' - 0 1/8"	3' - 0"		
PBX	19 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.1	1	1	0' - 0"	3' - 0"		
VENDING	104 SF	ACCESSORY TO R-1 OCCUPANCY	300 SF	0.3	1	1	0' - 0 1/8"	3' - 0"		
TYPICAL FLR. TOTAL	13867 SF									

1ST FLOOR:
TYPICAL FLOOR:
TOTAL BUILDING AREA: 58,803 SF

APPLICABLE CODES	
2003 INTERNATIONAL BUILDING CODE	
2003 INTERNATIONAL FIRE CODE	
2003 INTERNATIONAL MECHANICAL CODE	
2003 NATIONAL ELECTRIC CODE	
2003 INTERNATIONAL PLUMBING CODE	
2003 INTERNATIONAL FUEL & GAS	
2003 INTERNATIONAL ENERGY CODE	
2004 DENVER BUILDING CODE AMENDMENTS	

DEFERRED SUBMITTALS TO BUILDING DEPT.

ROOF TRUSS
SPRINKLER / ALARM SYSTEM
FIRES TOPPING
POOL DESIGN / EQUIPMENT

PROJECT CODE STUDY

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION

SECTION 302.1.1 INCIDENTAL USE - AREA SEPARATION
ALL AREAS FULLY - SPRINKLED, FIRE BARRIER WALLS EXTEND TO UNDERSIDE OF 1 - HOUR FLOOR/CEILING OR ROOF/CEILING ASSEMBLIES.

SECTION 302.2 ACCESSORY USE AREAS
R-1 OCCUPANCY WITH INCIDENTAL AND ACCESSORY USES.
TOTAL SF FOR ACCESSORY USE = 6% OF FIRST FLOOR

SECTION 302.3.2 ACCESSORY USE AREAS
REQUIRED SEPARATION OF OCCUPANCIES
R1 TO A2= 2 HRS.
R1 TO A3= 2 HRS.
A2 TO A3= 2 HRS.

EXCEPTION: EXCEPT FOR GROUP H AND I-2 AREAS, WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM, INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1, THE FIRE RESISTANCE RATINGS IN TABLE 302.3.2 SHALL BE REDUCED BY 1 HOUR BUT NOT LESS THAN 1 HOUR AND TO NOT LESS THAN THE REQUIRED FOR FLOOR CONSTRUCTION ACCORDING TO THE TYPE OF CONSTRUCTION.

SEPARATED USES CALCULATION (SECTION 302.3.2) - FIRST FLOOR ONLY

$$\frac{868 \text{ SF}}{31,125 \text{ SF}} + \frac{4,355 \text{ SF}}{31,125 \text{ SF}} + \frac{11,865 \text{ SF}}{33,000 \text{ SF}} = .03 + .14 + .36 = .53 < .7$$

CHAPTER 6: TYPES OF CONSTRUCTION

SECTION 602.2 TYPE V-A:
THIS BUILDING IS DETERMINED TO BE OF TYPE V-A CONSTRUCTION

PORTION OF TABLE 601		TYPE V	
BUILDING ELEMENT		A	B
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, TRUSSES		1	0
BEARING WALLS - EXTERIOR		1	0
BEARING WALLS - INTERIOR		1	0
NON BEARING WALLS AND PARTITION-EXTERIOR	SEE TABLE 602		
NON BEARING WALLS AND PARTITIONS-INTERIOR		0	0
FLOOR CONSTRUCTION INCLUDING SUPPORT BEAMS AND JOISTS		1	0
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		1	0

CHAPTER 7: FIRE-RESISTANCE-RATED CONSTRUCTION

SECTION 707.4 FIRE RESISTANCE RATING:
SHAFTS FOR THIS BUILDING SHALL HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 2 HOURS, AS THIS BUILDING HAS SHAFTS THAT CONNECT FOUR FLOORS OR MORE.

SECTION 707.14.1 TERMINATION ROOM:
THE LAUNDRY CHUTE IN THIS BUILDING SHALL DISCHARGE INTO AN ENCLOSED ROOM AND BE COMPLETELY SEPARATED FROM THE REMAINDER OF THE BUILDING BY CONSTRUCTION THAT HAS A FIRE RESISTANCE RATING OF NOT LESS THAN 1 HOUR. OPENINGS INTO THE TERMINATION ROOM SHALL BE AUTOMATIC-CLOSING UPON THE DETECTION OF SMOKE, AND CARRY A MINIMUM 3/4 HOUR FIRE RATING.

SECTION 707.14.1 ELEVATOR LOBBY:
ELEVATOR LOBBY SEPARATIONS ARE NOT REQUIRED IN THIS BUILDING DUE TO EXCEPTION 4 OF 707.14.1. THIS BUILDING, BEING MORE THAN FOUR STORIES TALL, SHALL BE PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT, INCLUDING THE LOBBY, IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

PORTION OF TABLE 704.8									
FIRE SEPARATION DISTANCE (FEET)									
CLASSIFICATION OF OPENING	0 TO 3	> 3 TO 5	> 5 TO 10	> 10 TO 15	> 15 TO 20	> 20 TO 25	> 25 TO 30	> 30	
UNPROTECTED	NOT PERMITTED	NOT PERMITTED	10%	15%	25%	45%	70%	NO LIMIT	
PROTECTED	NOT PERMITTED	15%	25%	45%	75%	NO LIMIT	NO LIMIT	NO LIMIT	

CHAPTER 9: FIRE PROTECTION SYSTEMS

SECTION 903.3 INSTALLATION REQUIREMENTS:
THE AUTOMATIC SPRINKLER SYSTEM SHALL BE NFPA 13 CLASSIFICATION THROUGHOUT THE BUILDING AND DESIGNED AND INSTALLED IN ACCORDANCE WITH SECTIONS 903.3.1 THROUGH 903.3.7 (NOT INCLUDING 903.3.1.2).

EXCEPTION TO 2003 CODE

2006 INTERNATIONAL BUILDING CODE SECTION 716.5.3 SHAFT ENCLOSURES. ADMINISTRATIVE MODIFICATION ADDRESSED TO THE BUILDING OFFICIAL.

A-2 = 1 STORY - MINIMUM TYPE OF CONSTRUCTION = V-A @ 2 STORIES/70FT
A-3 = 1 STORY - MINIMUM TYPE OF CONSTRUCTION = V-A @ 2 STORIES/70FT
R-1 = 4 STORIES - MINIMUM TYPE OF CONSTRUCTION = V-A @ 4 STORIES/70FT



CONSULTANTS

OWNER
BAYMONT INN & SUITES



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DENVER CO, 80249

MARK	DESCRIPTION	DATE
2	ADDENDUM#2	05/07/08
3	ADDENDUM#3	05/15/08
4	ADDENDUM#4	06/16/08
5	ADDENDUM#5	07/24/08

PROJECT NO: 07038
DRAWN BY: KATHLEEN GALLAGHER
CHKD BY: MARK BRAZEE

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SHEET TITLE
CODE SHEET

ISSUE: ADDENDUM#5
AUGUST 1, 2008

PROJECT NO: 07038
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CHKD BY: MARK BRAZEE

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ISSUE: ADDENDUM#5
AUGUST 1, 2008