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Sam's CLUB

OAKWOOD, GEORGIA
CLUB NO.: 6644

SF: 136,285
DATE: 02/15/07
PROTO:RBL-136N-TR

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042806
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PROJECT DATA & CODE INFORMATION

052606
CODE

CODES:

2006 INTERNATIONAL BUILDING CODE
2006 INTERNATIONAL PLUMBING CODE
2006 INTERNATIONAL MECHANICAL CODE
2005 NATIONAL ELECTRICAL CODE
2006 INTERNATIONAL FIRE CODE
2000 INTNATIONAL ENERGY CODE

HANDICAP ACCESSIBILITY GUIDELINES:
GEORGIA ACCESSIBILITY CODE
Americans with Disabilities Act Guidelines (ADAAG's)
ANSI 117.1 – 1998

FIRE PROTECTION:

FULLY SPRINKLERED

TYPE OF CONSTRUCTION:

TYPE V – UNPROTECTED

UNLIMITED FLOOR AREA: COMPLETELY SPRINKLERED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM AND ENTIRELY SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS THAN 60'-0" IN WIDTH.

(WALLS AND PERMANENT PARTITIONS SHALL BE OF NON-COMBUSTIBLE MATERIALS.)

	ASSEMBLY/OPENING
FIRE/PARTY WALLS	NA
OCCUPANCY SEPARATION WALL	NA
INTERIOR BEARING WALLS	0
INTERIOR NON-BEARING PARTITIONS	NR
COLUMNS	0
STRUCTURAL FRAMING	0
FLOOR/CEILING CONSTRUCTION	0
ROOF/CEILING CONSTRUCTION	0
EXTERIOR BEARING WALLS	0
EXTERIOR NON-BEARING WALLS	0

NA = NOT APPLICABLE
NC = NON-COMBUSTIBLE
NL = NO LIMIT
NR = NO REQUIREMENTS FOR FIRE PROTECTION

GRADE FLOOR AREA:

SALES/VESTIBULE:	103,370 SF
SALES – AUTOMOTIVE	3,580 SF
OFFICE AREA:	3,180 SF
SNACKBAR KITCHEN:	1,007 SF
STORAGE:	22,456 SF
AUTOMOTIVE:	2,692 SF
TOTAL GRADE FLOOR AREA:	136,285 SF

MEZZANINE FLOOR AREA:

(MEZZANINE AREA= ±1.0% OF ENCLOSING ROOM AREA)

OFFICE:	2,427 SF
BREAKROOM (NET AREA):	348 SF
TOTAL MEZZANINE FLOOR AREA:	2,775 SF

TOTAL FLOOR AREA: 139,060 SF

OCCUPANCY:

M – MERCANTILE
S2 – AUTOMOTIVE

OCCUPANCY REQUIREMENTS:

MAXIMUM DISTANCE OF TRAVEL TO AN EXIT (SPRINKLERED BUILDING): 250 FEET.

OCCUPANT LOAD FACTOR:

GROUND FLOOR RETAIL SALES:	30 SF/Occupant
OFFICE:	100 SF/Occupant
MEZZANINE OFFICE:	100 SF/Occupant
TRAINING/BREAKROOM:	15 SF/Occupant
SNACKBAR KITCHEN:	200 SF/Occupant
STORAGE	300 SF/Occupant
AUTOMOTIVE	100 SF/Occupant

OCCUPANT LOAD CALCULATIONS:

(FLOOR AREA/OCCUPANT LOAD FACTOR)

SALES/VESTIBULE:	103,370 SF / 30 =	3,445.7 OCCUPANTS
SALES – AUTOMOTIVE:	3,580 SF / 30 =	119.3 OCCUPANTS
OFFICE:	3,180 SF / 100 =	31.8 OCCUPANTS
SNACKBAR KITCHEN:	1,007 SF / 200 =	5.0 OCCUPANTS
STORAGE:	22,456 SF / 300 =	74.9 OCCUPANTS
AUTOMOTIVE:	2,692 SF / 100 =	26.9 OCCUPANTS
TOTAL GROUND FLOOR OCCUPANCY LOAD:		3,703.6 OCCUPANTS
MEZZANINE (OFFICE):	2,427 SF / 100 =	24.3 OCCUPANTS
MEZZANINE (BREAKROOM):	348 SF / 15 =	23.2 OCCUPANTS
TOTAL MEZZANINE OCCUPANT LOAD:		47.5 OCCUPANTS
TOTAL OCCUPANT LOAD:		3,751.1 OCCUPANTS

EGRESS WIDTH REQUIRED

EGRESS INCHES REQUIRED (GROUP M): .15" PER PERSON SERVED
MINIMUM CLEAR WIDTH = 32" FOR 36" DOOR OPENING
= 38" FOR 42" DOOR OPENING
= 44" FOR 48" DOOR OPENING
EGRESS WIDTH REQUIRED (IN INCHES)=(OCCUPANT LOAD)x(EGRESS WIDTH PER PERSON SERVED)

SALES/VESTIBULE: 3,445.7 x .15	=	516.9 INCHES REQUIRED
(9 DOORS x 32") + (8 SLIDING DOORS AT VESTIBULE = 256")	=	544.0 INCHES PROVIDED
SALES – AUTOMOTIVE 119.3 x .15	=	17.9 INCHES REQUIRED
2 DOORS x 32"	=	64.0 INCHES PROVIDED
OFFICE: 31.8 x .15	=	4.8 INCHES REQUIRED
1 DOOR x 32"	=	32.0 INCHES PROVIDED
SNACKBAR KITCHEN: 5.0 x .15	=	0.8 INCHES REQUIRED
1 DOOR x 32"	=	32.0 INCHES PROVIDED
STORAGE: 74.9 x .15	=	11.2 INCHES REQUIRED
4 DOORS x 32"	=	128.0 INCHES PROVIDED
AUTOMOTIVE: 26.9 x .15	=	4.0 INCHES REQUIRED
1 DOOR x 32"	=	32.0 INCHES PROVIDED
MEZZANINE TOTAL: 47.5 x .15	=	7.1 INCHES REQUIRED
1 DOOR x 32"	=	32.0 INCHES PROVIDED
GROUND FLOOR TOTAL: (3,445.7 + 119.3 + 31.8 + 5.0 74.9 + 26.9) = 3,703.6 x .15	=	555.5 INCHES REQUIRED
(17 DOORS x 32") + 256" AT VESTIBULE	=	800.0 INCHES PROVIDED

LOCAL CONTACTS

033001
CONTACTS

BUILDING OFFICIAL:

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BUILDING INSPECTOR
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CAPTAIN
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GAS:

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ATLANTA GAS LIGHT
1520 COBB INDUSTRIAL DRIVE
MARIETTA, GA 30066
(678) 797-8092 phone
(678) 797-8065 fax

GENERAL INFORMATION

042806
GNOTES

FIRE EXTINGUISHERS SHALL BE PROVIDED BY WAL-MART IN ACCORDANCE WITH NFPA 10. (1) 2A:10B/C MINIMUM RATED EXTINGUISHER SHALL BE PROVIDED FOR EACH 3,000 S.F. OF AREA, LOCATED SUCH THAT TRAVEL DISTANCE TO CLOSEST UNIT IS NO MORE THAN 75 FEET. FIRE EXTINGUISHER LOCATIONS SHALL BE APPROVED BY THE OFFICE OF THE FIRE MARSHAL PRIOR TO OCCUPANCY.

PER 2006 INTERNATIONAL FIRE CODE, (1) FIRE DEPARTMENT ACCESS DOORS SHALL BE PROVIDED IN EVERY 100 LINEAL FEET OF EXTERIOR WALL. ACCESS DOORS SHALL HAVE KEYED ENTRY FROM BUILDING EXTERIOR AND MAY BE USED AS PANIC EGRESS.

092404 SEALS

ARCHITECT	GROCERY ARCHITECT	STRUCTURAL ENGINEER	FIRE PROTECTION ENGINEER	MECHANICAL ENGINEER	ELECTRICAL ENGINEER	FUEL STATION ARCHITECT
LARRY D. CRAIGHEAD ARCHITECT	BRR ARCHITECTURE	AG&E ASSOCIATES, PLLC	TVA FIRE & LIFE SAFETY, INC.	PAUL C. PARKS ENGINEERING	PAUL C. PARKS ENGINEERING	HARRISON FRENCH & ASSOCIATES, LTD.
211 N. RECORD ST. SUITE 222 DALLAS, TX 75202 (214) 749-0626	6700 ANTIOCH PLAZA, SUITE 290 MERRIAM, KS 66204 (913) 262-9095	16901 NORTH DALLAS PARKWAY SUITE 214 ADDISON, TX 75001 (214) 520-7202	3200 HIGHLANDS PKWY, SUITE 400 SMYRNA, GA 30082 (770) 432-3882	121 W. WALNUT ROGERS, AR 72756 (479) 636 5004	121 W. WALNUT ROGERS, AR 72756 (479) 636 5004	809 S.W. A STREET, SUITE 201 BENTONVILLE, AR 72712 (479) 273-7780

112406 LOGO

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CONSULTANTS

OAKWOOD, GEORGIA
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COVER SHEET

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