



**WINDLE + VOLPE**  
ARCHITECTS  
7650 SW TRADE SUITE 200 HOUSTON, TEXAS 77065 PH 713-255-1590



**ROSS BUILD-OUT #1663**  
CROSSROADS MALL  
GREENVILLE, TEXAS  
**GREENVILLE PROPERTIES LTD.**  
GREENVILLE, TEXAS

**GENERAL CODE INFORMATION:**

ADOPTED CODES:  
2006 INTERNATIONAL BUILDING CODE  
2006 UNIFORM MECHANICAL CODE  
2006 UNIFORM PLUMBING CODE  
2005 NATIONAL ELECTRICAL CODE  
2006 INTERNATIONAL FIRE CODE  
2006 INTERNATIONAL ENERGY CONSERVATION CODE  
TEXAS ACCESSIBILITY CODE

CONSTRUCTION TYPE: I1B (RENOVATION TO EXISTING SHELL)  
SPRINKLERED: YES  
OCCUPANCY TYPE: M  
SQUARE FEET (GROSS): 26,908 TOTAL SF  
NUMBER OF OCCUPANTS: 897 TOTAL

**EXIT CALCULATIONS:**

EXIT REQUIREMENTS:  
NUMBER OF EXITS REQUIRED: 3 EXITS  
EXIT WIDTH REQUIRED: 580"  
(897 OCCUPANTS WITH 2" PER OCCUPANT)

NUMBER OF EXITS PROVIDED: 5 EXITS  
TOTAL EXIT WIDTH PROVIDED: 352"  
FRONT DOOR EXIT WIDTH = 256"  
SIDE DOOR EXIT WIDTH = 64"  
BACK DOOR EXIT WIDTH = 32"  
SERVICE DOOR EXIT WIDTH = 32"

MAXIMUM TRAVEL DISTANCE TO EXIT: 212 FEET  
(MAXIMUM ALLOWABLE IS 250 FEET)

EXITS ARE 144 FEET APART  
(MORE THAN 1/3 THE DIAGONAL DISTANCE OF THE SPACE AS REQUIRED BY CODE)  
1/3 THE DIAGONAL DISTANCE = 247/3 = 83"

**RESTROOM CALCULATIONS:**

PLUMBING FIXTURES REQUIRED:  
TWO WATER CLOSETS (ONE PER 500 OCCUPANTS)  
TWO LAVATORIES (ONE PER 750 OCCUPANTS)  
ONE DRINKING FOUNTAIN (ONE PER 1,000 OCCUPANTS)  
ONE SERVICE SINK

PLUMBING FIXTURES PROVIDED:  
FOUR WATER CLOSETS (TWO WOMEN'S AND TWO MEN'S)  
TWO LAVATORIES (ONE WOMEN'S AND ONE MEN'S)  
TWO DRINKING FOUNTAINS (ONE HANDICAPPED ACCESSIBLE)  
ONE SERVICE SINK

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