

VICINITY MAP



PROJECT TEAM

**OWNER - TENANT**  
**THE KRYSTAL COMPANY**

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**STRUCTURAL ENGINEER**  
**JDH STRUCTURAL ENGINEERS**

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ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	DN	DOWN	FRT	FIRE RESISTANT TREATED	MIN	MINIMUM	PLUMB	PLUMBING	SYS	SYSTEM
ADJ	ADJACENT	DWN	DOWN								
ALT	ALTERNATE	EACH	EACH								
ALUM	ALUMINUM	EXT.	EXT.								
APPROX	APPROXIMATE	EXT.	EXT.								
ARCH.	ARCHITECTURAL	LEV	ELEVATION								
BD	BOARD	LEV	ELEVATION								
B.O.	BOARD OF	LEV	ELEVATION								
C.I.	CONCRETE	LEV	ELEVATION								
CD	CONCRETE	LEV	ELEVATION								
CONC	CONCRETE	LEV	ELEVATION								
COORD	COORDINATE	LEV	ELEVATION								
CONC	CONCRETE	LEV	ELEVATION								
DEPT	DEPTH	LEV	ELEVATION								
DEM	DEMOLITION	LEV	ELEVATION								
DET	DETAIL	LEV	ELEVATION								
DIM	DIMENSION	LEV	ELEVATION								

BUILDING CODE SUMMARY

**CURRENT APPLICABLE BUILDING CODES**

\* 2012 International Building Code with Georgia Amendments \* 2012 International Fire Code with Georgia Amendments  
 \* 2012 International Plumbing Code with Georgia Amendments \* 2012 International Mechanical Code with Georgia Amendments  
 \* 2012 International Fuel Gas Code with Georgia Amendments \* 2014 National Electrical Code (No Georgia Amendments)  
 \* 2009 ANSI A117.1 Accessible and Usable Buildings \* 2009 International Energy Conservation Code w/ GA Amendments

**BUILDING CODE ANALYSIS**

INTERNATIONAL BUILDING CODE (with local amendments) 2012

A. CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

ASSEMBLY, GROUP A-2 (BUSINESS; LESS THAN 50 PEOPLE)

B. CHAPTER 6 - CLASSIFICATION OF BUILDINGS BY CONSTRUCTION

TYPE V CONSTRUCTION

TYPE VB CONSTRUCTION, UNSPRINKLERED, UNPROTECTED ONE STORY BUILDING.  
 ALLOWABLE AREA = 6,000 SF, 1 STORY MAX HEIGHT = 40 FT  
 ACTUAL AREA = 2,930 SF / ACTUAL HEIGHT = 21' - 6"

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

STRUCTURAL FRAME:  
 COLUMNS, GIRDERS AND TRUSSES: 0 HR

BEARING WALLS:  
 EXTERIOR 0 HR  
 INTERIOR 0 HR

NON-BEARING WALLS AND PARTITIONS:  
 EXTERIOR 0 HR  
 INTERIOR 0 HR

FLOOR CONSTRUCTION:  
 SLAB ON GRADE 0 HR

ROOF CONSTRUCTION:  
 INCLUDING SUPPORTING BEAM AND JOISTS 0 HR

C. CHAPTER 10 - MEANS OF EGRESS:

OCCUPANT LOAD

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

DINING AREA - ASSEMBLY (660 SF @ 15 SF NET/ PERSON) = 44 PERSONS  
 KITCHEN (590 SF @ 200 SF GROSS/ PERSON) = 03 PERSONS  
 STORAGE AREA (580 SF @ 300 SF GROSS/ PERSON) = 02 PERSONS  
 TOTAL = 49 PERSONS

ASSEMBLY - TRAVEL DISTANCE TO EXIT = 200 FT  
 COMMON PATH OF EGRESS TRAVEL = 75 FT  
 MAX. DEAD END CORRIDOR = 20 FT  
 MIN. REQ. EGRESS WIDTH MULT. = 0.2 IN  
 49 PEOPLE X 0.2 = 9.8 IN REQ. EGRESS WIDTH  
 MIN. CORRIDOR WIDTH = 44 IN  
 MIN. CLEAR OPENING DOORS = 32 IN  
 MIN. NUMBER OF EXITS = 1  
 NUMBER OF EXITS PROVIDED = 2

INTERIOR WALL AND CEILING FINISH REQUIRED BY OCCUPANCY

OCCUPANCY GROUP A-2 UNSPRINKLERED  
 CORRIDORS AND EXITS CLASS A OR B, FLAMESPREAD 26-75, SMOKE DEVELOPED = 0.450  
 ROOMS AND ENCLOSURES CLASS B, FLAMESPREAD 76-200, SMOKE DEVELOPED = 0.450  
 ROOM ENCLOSURES CLASS A, FLAMESPREAD 26-75, SMOKE DEVELOPED = 0.450

**PLUMBING FIXTURES**

MIN. NUMBER OF PLUMBING FACILITIES - ASSEMBLY OCCUPANCY

ASSEMBLY (49 PEOPLE, 24.5 MEN / 24.5 WOMEN)

WATER CLOSETS = 1 PER 75  
 LAVATORIES = 1 PER 200  
 OTHERS = 1 SERVICE SINK

REQUIRED PLUMBING FIXTURES:  
 MEN = 1 WATER CLOSET  
 1 LAVATORY  
 WOMEN = 1 WATER CLOSET  
 1 LAVATORY  
 OTHERS = 1 SERVICE SINK

PROVIDED PLUMBING FIXTURES:  
 MEN = 1 WATER CLOSET  
 1 LAVATORY  
 WOMEN = 1 WATER CLOSET  
 1 LAVATORY  
 OTHERS = 1 SERVICE SINK  
 1 WATER DISPENSER  
 @ DRINK DISPENSER

**CONNECTED LOADS** SEE ELECTRICAL DRAWING E301

**GAS LOADS** SEE PLUMBING DRAWING P103

**STRUCTURAL DESIGN LOAD CRITERIA** SEE STRUCTURAL DRAWING S400

ENERGY CODE REQUIREMENTS

**BUILDING ENVELOPE / ENERGY REQUIREMENTS:**  
 The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.  
 Climate Zone: (2012 INTERNATIONAL ENERGY CONSERVATION CODE - CHAPTER 3)

**Method of Compliance:**  Prescriptive (Energy Code)  Prescriptive (ASHRAE 90.1)  Performance (Energy Code)  Performance (ASHRAE 90.1)

**THERMAL ENVELOPE:** (IECC Chapter 4 and or 5)

**Roof / Ceiling Assembly (each assembly):**  
 Description of assembly: WOOD TRUSSES, RIGID CONT. INSUL. ABOVE DECK  
 U-Value of total assembly: U 0.039  
 R-Value of insulation: R-25C1  
 Skylights in each assembly: NA  
 U-Value of skylight: NA  
 total square footage of skylights in each assembly: NA

**Exterior Walls (each assembly):** WD STUDS, BATT INSUL, EXT SHTG, EIFS  
 Description of assembly:  
 U-Value of total assembly: U 0.064  
 R-Value of insulation: R-20  
 Openings (windows or doors with glazing):  
 U-Value of assembly: U 0.61  
 Solar heat gain coefficient: 0.60  
 projection factor: .XXX  
 Door R-Values: U 0.77  
 Door (Opaque) R-Values: U-0.61

**Floors slab on grade (each assembly):**  
 Description of assembly: UN-HEATED - CONC. SGG  
 U-Value of total assembly: U-0.076  
 R-Value of insulation: NA  
 Horizontal / vertical requirement: NA  
 slab heated: NOT HEATED

**Floors over unconditioned space (each assembly):**  
 Description of assembly:  
 U-Value of total assembly: NOT APPLICABLE  
 R-Value of insulation: NA  
 R-Value of insulation: NA

#ATL034  
 CONYERS, GA

**Krystal**

1447 HIGHWAY 138  
 CONYERS, GEORGIA 30012

DRAWING INDEX

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#ATL034  
 CONYERS, GA



ISSUED FOR  
 CONSTRUCTION

1447 Highway 138  
 Conyers, Georgia 30012  
 Rockdale County, Georgia

Revisions

#	Date	Description

Project Number: 18028  
 Issued for: CONSTRUCTION  
 Issue Date: 03/22/18

DRAWING TITLE  
**COVER SHEET**

SHEET NUMBER  
**G000**