

WALMART

NEIGHBORHOOD MARKET

MOBILE (HILLCREST), AL
STORE NO.: 4657

SF: (GROSS LEASABLE AREA) 39,995
DATE: 07/18/07
PROTO: L-C-39 (RX-R)

GENERAL

- C1 COVER SHEET
- C2 BUILDING CODE SUMMARY
- N1 GENERAL INFORMATION
- LS1 LIFE SAFETY PLAN
- FX1 FIXTURE PLAN (NOT IN BID SET)

ARCHITECTURAL

- SP1 SITE PLAN
- SP2 SITE DETAILS
- SP2.1 SALE/PALLET STORAGE SCREENING DETAILS
- A1 FLOOR PLAN
- A1.1 FIXTURE PLAN
- A1.2 FLOOR FINISH PLAN
- A2 EXTERIOR ELEVATIONS
- A2.1 EXTERIOR & INTERIOR DETAILS
- A2.2 EXTERIOR SIGNAGE & MISC. DETAILS
- A3 EXTERIOR WALL SECTIONS
- A3.1 EXTERIOR WALL SECTIONS
- A3.2 EXTERIOR WALL SECTIONS AT ENTRY
- A3.3 EXTERIOR WALL SECTIONS AT ENTRY
- A3.4 EXTERIOR WALL SECTIONS AT DRIVE-THRU
- A3.5 EXTERIOR DETAILS AT DRIVE-THRU
- A4 ROOF PLAN
- A4.1 ROOF DETAILS
- A4.2 ROOF AND MISC DETAILS
- A5 ENLARGED FIXTURE PLANS
- A5.1 ENLARGED DELI/BAKERY PLANS
- A5.2 ENLARGED PHOTO, MEZZANINE AND OFFICE PLANS
- A5.3 TOILET PLANS
- A5.4 TOILET ELEVATIONS AND DETAILS
- A6 INTERIOR ELEVATIONS
- A6.1 PARTITION TYPES AND DETAILS
- A6.2 INTERIOR WALL SECTIONS
- A6.3 INTERIOR WALL SECTIONS
- A6.4 INTERIOR WALL SECTIONS
- A7 ROOM FINISH SCHEDULE AND DETAILS
- A8 DOOR SCHEDULE AND DETAILS
- A9 MILLWORK
- A9.1 MISC DETAILS
- PH1 PHARMACY

STRUCTURAL

- S0 GENERAL STRUCTURAL INFORMATION
- S1 FOUNDATION PLAN
- S1.1 SLAB PLAN
- S2 FLOOR PLAN
- S2.1 FOUNDATION DETAILS
- S2.2 FOUNDATION DETAILS
- S3 FRAMING PLAN
- S4 GENERAL SCHEDULE AND DIAGRAMS
- S4.1 FRAMING SCHEDULE
- S5 FRAMING DETAILS
- S5.1 FRAMING DETAILS
- S5.2 FRAMING DETAILS
- S6 MEZZANINE PLANS AND DETAILS

FIRE PROTECTION

- FP1 FIRE PROTECTION PLAN
- FP2 OVERALL FIRE SPRINKLER PLAN
- FP3 FIRE PROTECTION DETAILS

MECHANICAL

- P1 DIVV PLAN AND DETAILS
- P2 WATER PLANS AND DETAILS
- P3 PLUMBING RISERS
- P4 PLUMBING SCHEDULES
- P5 PLUMBING SCHEDULES
- M1 HVAC PLAN
- M2 MECHANICAL SCHEDULES AND DETAILS
- M3 MECHANICAL ROOF PLAN AND DETAILS
- R1 REFRIG PLAN
- R2 REFRIG SENSOR CONTROL PLANS AND DETAILS
- R3 REFRIG SCHEDULES
- R4 REFRIG DETAILS

ELECTRICAL

- E1 LIGHTING PLAN
- E1.1 ENLARGED LIGHTING PLANS
- E1.2 LIGHTING DETAILS AND SITE LIGHTING
- E2 POWER PLAN
- E2.1 ENLARGED POWER PLANS
- E2.2 ENLARGED POWER PLANS
- E3 ELECTRICAL DETAILS, SYMBOLS AND SCHEDULES
- E4 ONE-LINE DIAGRAM, DETAILS AND SCHEDULES
- E4.1 PANELBOARD SCHEDULES
- E4.2 PANELBOARD SCHEDULES
- EM1 ENERGY MANAGEMENT PLAN
- REM1 REFRIG ENERGY MANAGEMENT PLAN
- RE1 REFRIG ELECTRICAL PLAN

BUILDING CODE SUMMARY

39-C010-CODE	NAME OF PROJECT: MOBILE (HILLCREST), AL STREET ADDRESS: NE CORNER OF COTTAGE HILL ROAD & HILLCREST ROAD PROPOSED USE: RETAIL
APPLICABLE CODES:	BUILDING CODE: 2003 INTERNATIONAL BUILDING CODE (IBC) 2003 NFPA 101 LIFE SAFETY CODE MECHANICAL CODE: 2003 INTERNATIONAL MECHANICAL CODE PLUMBING CODE: 2003 INTERNATIONAL PLUMBING CODE ELECTRICAL CODE: 2008 NATIONAL ELECTRICAL CODE FIRE CODE: 2003 INTERNATIONAL FIRE CODE ACCESSIBILITY CODE: ADAAG
MIXED OCCUPANCIES:	THIS BUILDING HAS BEEN DESIGNED PER 2003 IBC SECTION 302.3 FOR MIXED OCCUPANCY AND SECTION 302.3.1 FOR NON-SEPARATED USES. FIRE SEPARATIONS ARE NOT REQUIRED BETWEEN USES PER SECTION 302.3.2 EXCEPT AS REQUIRED BY OTHER PROVISIONS (NONE REQUIRED HERE). SECTION 303.1(2) A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES BY LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE INCLUDED AS PART OF THAT OCCUPANCY. THE COMBINED OCCUPANCY OF THE BREAKROOM AND TRAINING ROOM COMPLIES WITH THE ALLOWANCE AND IS THEREFORE CLASSIFIED AS MERCANTILE.
BUILDING OCCUPANCIES:	M - MERCANTILE - WHOLESALE OR RETAIL STORE (MAIN USE) - SECTION 302.1 S1 - RECEIVING AND STOCKROOMS - STORAGE AREAS (MIXED USE) - SECTION 311.2
TYPE OF CONSTRUCTION:	TYPE 5B PER SECTION 602.5 AND TABLES 601 AND 602 (2003 IBC)
FIRE PROTECTION:	HOURLY FIRE-RESISTANCE RATING REQUIREMENT PER TABLE 601 STRUCTURAL FRAME: 0 HOURS ROOF CONSTRUCTION: 0 HOURS EXTERIOR BEARING WALLS: 0 HOURS EXTERIOR NONBEARING WALLS: 0 HOURS INTERIOR BEARING WALLS: 0 HOURS INTERIOR NONBEARING WALLS AND PARTITIONS: 0 HOURS FLOOR CONSTRUCTION: 0 HOURS
NUMBER OF EXITS OR EXIT ACCESS DOORS REQUIRED:	THIS BUILDING COMPLIES WITH TABLE 1014.1 (2003 IBC) TWO (2) EXITS ARE REQUIRED WHEN THE FOLLOWING OCCUPANT LOADS ARE EXCEEDED: FOR ASSEMBLY OCCUPANCIES GREATER THAN 50, TWO (2) EXITS ARE REQUIRED. FOR STORAGE OCCUPANCIES GREATER THAN 30, TWO (2) EXITS ARE REQUIRED. FOR MERCANTILE OCCUPANCIES GREATER THAN 50, TWO (2) EXITS ARE REQUIRED. NOTE: MERCANTILE OCCUPANT LOAD EXCEEDS 1000 FOUR (4) EXITS PROVIDED PER TABLE 1016.1
EXIT ACCESS TRAVEL DISTANCE:	250' FOR M OCCUPANCY PER 2003 IBC TABLE 1016.1 FOR SPRINKLERED BUILDINGS. THIS BUILDING IS DESIGNED PER 2003 NFPA 101 SECTION 10.2.4.2, WHICH ALLOWS 250' OF TRAVEL DISTANCE TO THE EXIT ACCESS OR THE EXIT AS DEFINED IN SECTION 3.3.6.1
COMMON PATH OF TRAVEL:	75' FOR M OCCUPANCY PER 2003 IBC SECTION 1013.3 AND NFPA TABLE A.7.8.1 (100' WHEN SPRINKLERED) 100' FOR S OCCUPANCY (STORAGE) PER 2003 IBC AND IFC SECTION 1013.3 EXCEPTION #2. THIS BUILDING HAS BEEN DESIGNED PER SECTION 1013.3 EXCEPTION #2, WHICH ALLOWS UP TO 100'
OCCUPANCY LOAD FACTORS:	MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT PER 2003 IBC TABLE 1004.1.2 SALES (MERCANTILE - GRADE FLOOR AREAS) 30 (GROSS) STORAGE (MERCANTILE - STORAGE, STOCK, SHIPPING AREAS) 300 (GROSS) TRAINING, BREAK AND DINING ROOMS (ASSEMBLY WITHOUT FIXED SEATING) 15 (NET) BAKERY AND MEAT PREP AREAS (COMMERCIAL KITCHEN) 200 (GROSS) OFFICE, PHARMACY, HYPODOME AND MANAGEMENT (BUSINESS AREAS) 100 (GROSS)

ALLOWABLE AREA: ALLOWABLE AREA PER TABLE 503 (2003 IBC) IS 9,000 SF. BUILDING IS PROTECTED BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM AND IS SUBDIVIDED ON 3 SIDES BY 30 FEET WIDEN OF PERMANENT OPEN SPACE.
ALLOWABLE AREA INCREASE DUE TO FRONTAGE (PER SECTION 506.2) IS 9,000 X (% PERCENTAGE OF OPEN PERIMETER WALL SPACE TO TOTAL PERIMETER WALL SPACE - 0.28) = 9,000 X 0.55 = 4,950 SF.
ALLOWABLE AREA INCREASE DUE TO SPRINKLER PROTECTION (PER SECTION 506.3) IS 9,000 X 2.00 = 18,000 SF.
TOTAL ALLOWABLE AREA IS 9,000 + 4,950 + 18,000 = 40,950 SF.

OCCUPANCY LOAD CALCULATIONS:

AREA	AREA (S.F.)	OCCUPANCY LOAD	WIDTH FACTOR	REQUIRED WIDTH	WIDTH PROVIDED	DOORS, NUMBERS AND SIZES
MAIN SALES AREA:	28,352 S.F.	S.F./30 = 979 OCCUPANTS	X 0.20	= 196"	TOTAL = 250"	ENTRY VESTIBULE 100A (3'-0") HINGED 100B (3'-0") HINGED
STORAGE:	COMBINED: 2,186 S.F.	= 3 OCCUPANTS	= 4"	TOTAL = 96"		117A (3'-0") HINGED
RECEIVING:	1,841 S.F.	S.F./200 = 9 OCCUPANTS	X 0.20	= 2"	TOTAL = 33"	125A (3'-0") HINGED
PHARMACY STORAGE 137:	49 S.F.	S.F./300 = 1 OCCUPANTS	X 0.20	= 1"	TOTAL = 33"	126A (3'-0") HINGED
VEZANINE STORAGE 201:	562 S.F.	S.F./300 = 2 OCCUPANTS	X 0.20	= 1"	TOTAL = 33"	201A (3'-0") HINGED
ANNUALARY:	COMBINED: 2,842 S.F.	= 47 OCCUPANTS	= 14"	TOTAL = 284"		125A (3'-0") HINGED
RECEIVING 126:	326 S.F.	S.F./125 = 3 OCCUPANTS	X 0.20	= 3"	TOTAL = 33"	123A (3'-0") HINGED
TRAINING 123:	21 S.F.	S.F./125 = 0 OCCUPANTS	X 0.20	= 0"	TOTAL = 33"	123A (3'-0") HINGED
MANAGER 122:	58 S.F.	S.F./100 = 1 OCCUPANTS	X 0.20	= 1"	TOTAL = 33"	123A (3'-0") HINGED
UPC 121:	300 S.F.	S.F./100 = 3 OCCUPANTS	X 0.20	= 1"	TOTAL = 33"	121A (3'-0") HINGED
CUSTOMER SERVICE 101:	111 S.F.	S.F./100 = 1 OCCUPANTS	X 0.20	= 1"	TOTAL = 33"	OPEN TO SALES
CASH 102:	87 S.F.	S.F./100 = 1 OCCUPANTS	X 0.20	= 1"	TOTAL = 33"	102A (3'-0") HINGED
PHARMACY 128:	648 S.F.	S.F./100 = 6 OCCUPANTS	X 0.20	= 2"	TOTAL = 33"	128A (3'-0") HINGED
KITCHEN 108 AND 107:	84 S.F.	S.F./200 = 0 OCCUPANTS	X 0.20	= 0"	TOTAL = 33"	OPEN TO SALES
PRODUCT PREP 111:	221 S.F.	S.F./300 = 1 OCCUPANTS	X 0.20	= 1"	TOTAL = 33"	OPEN TO SALES
TOTAL NET FLOOR AREA PER 2003 IBC SECTION 1002.1:	34,189 S.F.	= 1016 OCCUPANTS	X 0.20	= 214"	= 214"	

PLUMBING FIXTURE COUNTS:

TOTAL BUILDING OCCUPANT LOAD IS 1033
LOAD DISTRIBUTION: 50% MALE AND 50% FEMALE
DISTRIBUTION COUNT: 516 MALE AND 516 FEMALE
PER TABLE 403.1 (2003 IBC) AND CHAPTER 28 (2003 IBC)
LAVATORIES REQUIRED:
MALE LAVATORIES: 516/750 = 1 (2 PROVIDED)
FEMALE LAVATORIES: 516/750 = 1 (2 PROVIDED)
WATER CLOSETS REQUIRED:
MALE WATER CLOSETS: 516/500 = 2 (2 PROVIDED)
FEMALE WATER CLOSETS: 516/500 = 2 (2 PROVIDED)
DRINKING FOUNTAINS REQUIRED:
1033/1000 = 2 (2 PROVIDED)
PER IFC SECTION 418.2 THE TWO URINALS ARE SUBSTITUTED FOR THE REQUIREMENTS OF ONE WATER CLOSET.
ADDITIONAL WATER CLOSET AND LAVATORY PROVIDED IN THE FAMILY TOILET ROOM.

REQUIRED EGRESS WIDTH CALCULATIONS:

ACCESSORY SPACES EXTENDING THROUGH THE PRIMARY SPACES	OCCUPANT LOAD	% EXTING THROUGH SALES
RECEIVING	9	50% = 3
PHARMACY STORAGE	1	100% = 1
MEZZANINE STORAGE	2	100% = 2
BREA-KROOMS	22	100% = 22
TRAINING	5	100% = 5
MANAGER	1	100% = 1
UPC	3	100% = 3
CUSTOMER SERVICE	2	100% = 2
CASH	1	100% = 1
PHARMACY	7	100% = 7
KITCHEN	5	100% = 5
PRODUCE PREP	1	100% = 1
	58	53

ACCESSORY SPACES EXTENDING THROUGH THE PRIMARY SPACES

ACCESSORY LOAD EXTENDING THRU SALES	MAIN SALES OCCUPANT LOAD	TOTAL OCCUPANT LOAD THRU SALES	EGRESS WIDTH FACTOR	TOTAL REQUIRED EGRESS WIDTH THRU SALES
53	822	1032	L.D.20	207
53	822	1032	L.D.20	207
53	822	1032	L.D.20	207

TOTAL EGRESS WIDTH PROVIDED:
MAIN SALES = 250"
MAIN ENTRANCES = 184"
FRONT WALL = 184"

NOTE: ALL AREAS WITH 90° EGRESS EXITING THROUGH MAIN SALES ARE PROVIDED WITH SECONDARY MEANS OF EXITING THAT DOES NOT PASS THROUGH SALES AREA.

GREATER THAN TWO-THIRDS OF REQUIRED EGRESS PASSES THROUGH FRONT WALL OF BUILDING AND COMPLIES WITH NFPA 101 SECTION 3E.2.5.7.

BUILDING SQUARE FOOTAGE

TOTAL GROSS SQUARE FOOTAGE IS 40,799 PER DEFINITION OF GROSS FLOOR AREA 2003 IBC SECT. 1002.1

SHEET NOTES

- BUILDING WILL BE FULLY SPRINKLERED AS REQUIRED BY CONTRACT DOCUMENTS. SUBMIT FIRE SPRINKLER SYSTEM DRAWINGS AND CALCULATIONS TO AUTHORITIES HAVING JURISDICTION (FIRE DEPARTMENT, FIRE MARSHAL, ETC). OBTAIN ALL APPROVALS PRIOR TO FABRICATION OR INSTALLATION.
- OWNER WILL PROVIDE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10. AUTHORITY HAVING JURISDICTION WILL APPROVE FINAL FIRE EXTINGUISHER LOCATIONS.
- WAL-MART'S ALARM CENTRALS ENGINEERING TEAM HAS CONTACTED THE AUTHORITY HAVING JURISDICTION FOR PRE-PLAN DATA ABOUT STATE AND LOCAL REQUIREMENTS THAT DIFFER FROM THE NATIONALLY PUBLISHED CODES AND STANDARDS. A COMPLETE, SITE SPECIFIC SUBMITTAL IS BEING MADE DIRECTLY TO THE AUTHORITY HAVING JURISDICTION. AUTHORITY HAVING JURISDICTION QUESTIONS SHOULD BE DIRECTED TO 1-800-530-9924, OPTION 3.
- THE MAXIMUM STORAGE HEIGHT IN STOCKROOM AND RECEIVING IS TWELVE FEET.
- REFER TO SPECIFICATION 01640 - OWNER FURNISHED PRODUCT. THIS SECTION INCLUDES SPECIFIC INFORMATION REGARDING ITEMS AND SERVICES TO BE FURNISHED AND INSTALLED BY INDIVIDUALS OTHER THAN THE GENERAL CONTRACTOR. ALL ITEMS SHOWN DASHED REFER TO SPECIFICATIONS.

LOCK BOX

THE GENERAL CONTRACTOR WILL SUPPLY & INSTALL A LOCK BOX AS DIRECTED BY THE FIRE OFFICIAL.

Always WALMART NEIGHBORHOOD MARKET Low Prices

Always WALMART NEIGHBORHOOD MARKET Low Prices

WALMART NEIGHBORHOOD MARKET MOBILE (HILLCREST), AL STORE NO. 4657

JOB NUMBER: 80124202 PROJECT: 39

CONSULTANTS

ISSUE BLOCK

CHECKED BY: JAS
DRAWN BY: JAS
FILE NAME: 39-C010
PROTO CYCLE: 042707
DOCUMENT DATE: 071807

BID SET, NOT FOR CONSTRUCTION.

COVER SHEET

SHEET: C1

Sep 10, 2007 - 2:42pm - USER: mason - File: \\msn\Users\mason\My Documents\Projects\Mobile (Hilcrest), AL - 4657\39-C010.dwg

To order plans, go to www.lidirepro.com

ARCHITECTURAL: 8015 W. RAU ARCHITECT OF RECORD 6700 ANITTOCH PLAZA, SUITE 300 MERRIAM, KANSAS 66204	MECHANICAL: HENDERSON ENGINEERS, INC. ENGINEER OF RECORD 8325 LENEXA DRIVE, SUITE 400 LENEXA, KANSAS 66214	ELECTRICAL: HENDERSON ENGINEERS, INC. ENGINEER OF RECORD 8325 LENEXA DRIVE, SUITE 400 LENEXA, KANSAS 66214	PLUMBING: HENDERSON ENGINEERS, INC. ENGINEER OF RECORD 8325 LENEXA DRIVE, SUITE 400 LENEXA, KANSAS 66214	FIRE PROTECTION: HENDERSON ENGINEERS, INC. ENGINEER OF RECORD 8325 LENEXA DRIVE, SUITE 400 LENEXA, KANSAS 66214	STRUCTURAL: WALLACE ENGINEERING ENGINEER OF RECORD 818 GRAND BOULEVARD, SUITE 1100 KANSAS CITY, MISSOURI 64106
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BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

1. GENERAL INFORMATION
Name of Project: WALMART NEIGHBORHOOD MARKET MOBILE (HILLCREST) AL
Address: 11000 W. STATE ST. SOUTH TOWN - MOBILE, AL 36684

2. LEAD DESIGN PROFESSIONAL
Designer Name: [Redacted] License #: [Redacted]
Architectural: [Redacted] License #: [Redacted]

3. GENERAL CODE DATA
3.1 Building and Fire Codes used in design
International Building Code 2009
International Fire Code 2003

4. BUILDING DATA
Construction Type: IIA
Mixed Construction: No
Sprinklers: No

5. OCCUPANCY CLASSIFICATION
Assembly 303: A-1
Business 304: A-2
Educational 305: A-3

5.2 Special Occupancy
S-2 Enclosed Parking Garage w/ S-2 open parking above

6.2 Allowable Height
Allowable height: 45' 0"
Actual building height: 31' 0"

7. OCCUPANT LOAD
Occupant Load/Floor: 120 persons

Table with 3 columns: Building Element, Req'd Rating, UL No.
Structural Frame: 0
Roof Construction: 0

8.2 Other Rated Elements
Element: [Redacted] Required: [Redacted]

9. EXIT REQUIREMENTS
9.1 Exit Access (1004 & Table 1003.1.1)
No. of exits required: 4

9.2 Means of egress width (Table 1003.2.3)
Units of Exit required: 2 1/2 inches

9.3 Diagonal Rake
Meets 1004.2.2.1: Yes

9.4 Travel Distance (Table 1004.2.4)
Allowable Travel Distance: 200' 0"

9.5 Spaces with one means of egress (IBC 1004.2.1)
For buildings with one means of egress, I have checked the occupant load and the common path of travel against the requirements IBC 1004.2.1.

10. LIFE SAFETY PLAN
Provided: Yes

13. SPECIAL DETAILED REQUIREMENTS
I have reviewed the special detailed requirements in Chapter 4 as indicated below and incorporated the provisions into my design.

Table with 2 columns: REQUIREMENT, APPLICABLE (YES or N/A)
402 Covered Walk Building: Yes

14. SPECIAL INSPECTIONS
I have reviewed the requirements of IRC Section 1704 on Special Inspections and will perform the applicable required inspections as part of my responsibilities as shown below under my letter of supervision.

3.2 Construction Description
New Construction: Yes
Renovation (Existing Bldg): No

3.2.1 Existing Buildings
The building will remain in operation during construction: Yes

3.2.2 Renovations
Is the work in this building or space a change of occupancy? Yes

3.2.3 Historic Buildings
This building is a Historic Building: No

3.2.4 Compliance Alternatives-Section 3409
Provide building evaluations when existing building does not meet current codes and renovations will not meet all requirements of current building code.

3.2 Mixed Occupancy
Mixed Occupancy: No

3.2.1 Reception
Identify whether you are using the provisions of Non-separated uses or Separated uses by placing an "X" below by your design choice.

3.2.2 Separated Mixed Occupancy (302.3.2 Exception)
The required type of occupation for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building.

3.2.3 Incidental Use Areas (302.1.1)
Actual Area of Occupancy A: [Redacted]

6. ALLOWABLE AREA AND HEIGHT-TABLE 503

6.1 Allowable Area
Allowable area: 45,000 sq. ft.

Table with 3 columns: Insular Walls, Required, UL No.
Beating: 0
Non-beating: 0

FOOTNOTES
1. All fire rated walls shall be identified on plans by hatching, shading, etc.; show legend.

8.3 Drafting/typing
Drafting/typing in floor (716.3): Yes

8.3.1 Distance to Property Line from Exterior Wall (Table 602)
Fire Separation Distance: 5' 0"

8.4 Life Safety Systems
1003.1.1 Emergency Lighting: No

11. ACCESSIBILITY (Chapter 11)
Design conforms to ANSI Standard 117.1: Yes

12. DESIGN LOADS
Classification of Building: Category/Use Group III (I, II, III, IV)

Live Load: Roof 20 PSF
Floor 100 PSF

Building will be designed as: Enclosed building

Wind Borne Debris Region
This building will use impact resistant panels per 1609.1.4: Yes

13.11 Earthquake Design
Seismic Design Load Controls: Yes

*Revised July 23, 2003
15. QUALITY ASSURANCE FOR WIND REQUIREMENTS (IBC 1706)
I have reviewed the requirements of IBC Section 1706 and my design incorporates the requirements of this Section of the Code and is reflected on the drawings and in the specifications.

I have notified the Contractor of his responsibility under Section 1706.3: Yes

16. SAFETY GLAZING FOR HAZARDOUS LOCATION
I have identified on drawings where tempered glass is required in hazardous locations (2406.2): Yes

17. PREFABRICATED METAL BUILDINGS
Requirements for metal building erection drawings included on drawings: Yes

18. PRE-ENGINEERED TRUSSES
Live Loads shown: [Redacted]

19. FIRE DEPARTMENT REQUIREMENTS
Required water supply: 200 gpm @ 200 psi



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CONSULTANTS

WALMART NEIGHBORHOOD MARKET MOBILE (HILLCREST), AL
STORE NO. 4657
JOB NUMBER: 96124202 PHOTO: 319

ISSUE BLOCK table with columns for Issue No., Description, Date, and Status.

CHECKED BY: JAS
DRAWN BY: JAS
FILE NAME: 39-C020
PROTO CYCLE: 042707
DOCUMENT DATE: 071807

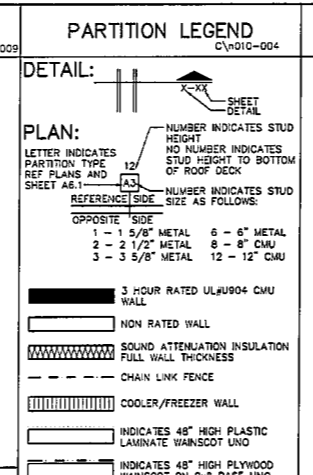
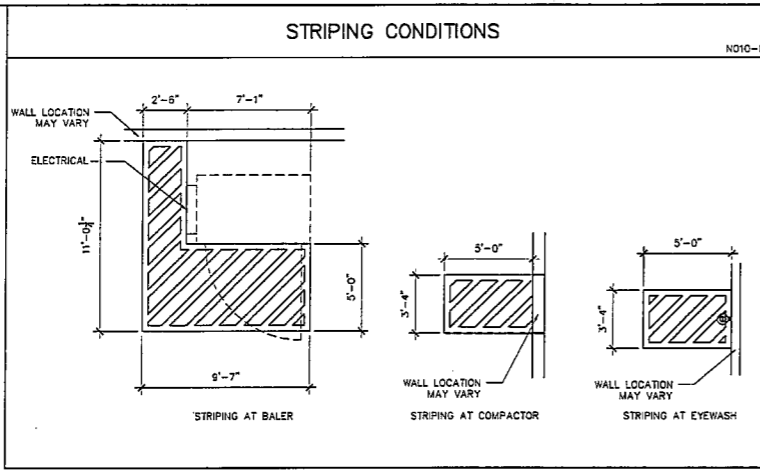
All use evaluation and change of occupancy renovations require a site plan to show details of the building, site, and surrounding area.
Sealed, stamped, or signed by the Architect or the Engineer.
All buildings require the minimum 5' (Section 503.1.1).

BID SET. NOT FOR CONSTRUCTION.

BUILDING CODE SUMMARY

SHEET: C2

Sep 10, 2007 - 2:41pm - USER: muelby
 at: \\netman\vol1\sc-Adapt\SC-Florida\Nobarna\Neighborhood Market\Mobile (Hilcrest). AL - #4657\39-ND10.dwg



PARTITION LEGEND C:\n010-004

SYMBOLS LEGEND n010-008

(10)12	KEYNOTE INDICATOR
(SB)01	EQUIPMENT INDICATOR
(P)3	COLOR INDICATOR
8-A3	FULL AND PARTIAL SECTION INDICATOR
8-A3	EXTERIOR AND INTERIOR ELEVATION INDICATOR
SALES 100	ROOM NAME AND NUMBER
AB	WALL INDICATOR
(D)2	DOOR INDICATOR
(W)2	WINDOW INDICATOR
(M)	LPTV MONITOR. REFER TO 14/A9.1 FOR BRACKET SUPPORT DETAIL. VERIFY EXACT LOCATION WITH LOSS PREVENTION MANAGER.
(C)	CAMERA
(A)	COLUMN LINE INDICATOR
100'-0" FF EL	HEIGHT ELEVATION INDICATOR
100'-0" FF EL	PLAN ELEVATION INDICATOR
(5) A2	ENLARGED DETAIL INDICATOR
(5) A2	DETAIL INDICATOR
1	SCALE DATE CODE
	INTERNAL INFORMATION ONLY

RESTROOM SYMBOLS c:\n010-010

SIGNS & IDENTIFICATION

- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH IN TITLE 24 AND AS SPECIFICALLY REQUIRED IN THIS SECTION.
- THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15099 IN FEDERAL STANDARD 599B.
- LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3.5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10.
- CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE CHARACTER. LOWER CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE, THE MINIMUM CHARACTER HEIGHT SHALL BE 3".
- CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.
- WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:
 - A. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
 - B. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH.
 - C. PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 5" IN HEIGHT.
- CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTER IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.
- WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE ACCOMPANIED BY BRAILLE. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 50" ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF THE SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

SIGNAGE LEGEND C:\n010-001

- REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT THE FOLLOWING LOCATIONS:
 - ACCESSIBLE ENTRANCES WHERE NOT ALL ENTRANCES ARE ACCESSIBLE.
 - ACCESSIBLE ROOMS WHERE MULTIPLE SINGLE-USER TOILETS ARE CLUSTERED AT A SINGLE LOCATION.
 - ACCESSIBLE CHECK-OUT AISLES WHERE NOT ALL AISLES ARE ACCESSIBLE. THE SIGN, WHERE PROVIDED, SHALL BE ABOVE THE CHECK-OUT AISLE IN THE SAME LOCATION AS THE CHECK-OUT AISLE NUMBER OR TYPE OF CHECK-OUT IDENTIFICATION.
 - UNISEX TOILET AND BATHING ROOMS.
 - ACCESSIBLE DRESSING, FITTING AND LOCKER ROOMS WHERE NOT ALL SUCH ROOMS ARE ACCESSIBLE.
- DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST LIKE ACCESSIBLE ELEMENT SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS. THESE DIRECTIONAL SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
 - AT EACH SEPARATE-SEX TOILET INDICATING THE LOCATION OF THE NEAREST UNISEX TOILET.
- TACTILE SIGNAGE SHALL BE LOCATED ON THE WALL TO THE DOOR'S LATCH SIDE AT A HEIGHT OF 60" AFF TO THE BASELINE OF THE HIGHEST TACTILE CHARACTER. SIGNS MAY BE PLACED ON THE NEAREST ADJACENT WALL WHEN THERE IS NO WALL SPACE ON THE LATCH SIDE.
- CHARACTER AND SYMBOLS OF SIGNS SHALL BE IN CONTRAST WITH THEIR BACKGROUND AND SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE MATERIALS OR FINISHES.
- ACCESSIBLE SIGNAGE SHALL USE GRADE II BRAILLE AND MUST COMPLY WITH ANSI A117.1 SECTION 703.4.

ABBREVIATION LEGEND C:\n010-007

GENERAL ABBREVIATIONS	DEFINITION
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ACF	ARCH FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWI	AMERICAN WELDING SOCIETY
B	BLOCK
BL	BLOCK FINISH
BLDG	BUILDING
BO	BOTTOM OF
BOB	BOTTOM OF STEEL OR BOTTOM OF STUD
BRG	BRACING
BTM	BOTTOM
CD	CASH DRAWER
CF	CORNER FINISH
CL	CENTELINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CONT	CONTINUOUS
CR	CRAWLER
CS	CORROSION RESISTANT ACCESS SYSTEM
EDC	ELECTRICAL DISTRIBUTION CENTER
EIS	EXTERIOR INSULATION AND FINISH SYSTEM
EP	EXPANSION JOINT
EL	ELEVATION
EQ	ELECTRICAL
EQ	EQUAL
ES	EQUIPMENT SUPPLIER
EXT	EXTERIOR
EXT	EXTERIOR
FDN	FOUNDATION
FF	FINISHED FLOOR
FRP	FIBER REINFORCED PLASTIC
FS	FAR SIDE
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE
GC	GENERAL CONTRACTOR
GM	GENERAL MERCHANDISE
GR	GROUPEE
GYP BD	GYPSEUM BOARD
H	HEIGHT
HORIZ	HORIZONTAL
HSA	HEAVY STUD ANCHOR
HSS	HOLLOW STRUCTURAL SECTION
INFO	INFORMATION
ISO	ISOLATION
JB	JOIST BEARING ELEVATION
JO	JOIST
JO	JOINT
KSI	KIPS PER SQUARE INCH
L	LEIGH
LB	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
MAX	MAXIMUM
MD	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MFR	MANUFACTURER
MN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MPL	METAL
NIC	NOT IN CONTRACT
NO	NUMBER
NS	NASH SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
PIF	POURCE ACTIVATES FASTENER
PPF	POUNDS PER CUBIC FOOT
R	RELATE
PLM	PLASTIC LAMINATE
PLF	POUNDS PER LINEAR FOOT
PNEJ	PREVULCURED EXPANSION JOINT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RAO	RADIUS
REF	REFER TO
REINP	REINFORCING
REQD	REQUIRED
REV	REVERSE
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SH	SHOULDER
SJI	STEEL JOIST INSTITUTE
SPCS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STRUC	STRUCTURAL
T&B	TOP AND BOTTOM
THR	THICKNESS
TO	TOP OF
TOC/TD	TOP OF CONCRETE
TOP	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM
TM	TOP OF MASONRY
TOP/TP	TOP OF PAVING
TOS	TOP OF STEEL OR TOP OF STUD
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WIDTH

B | R | R

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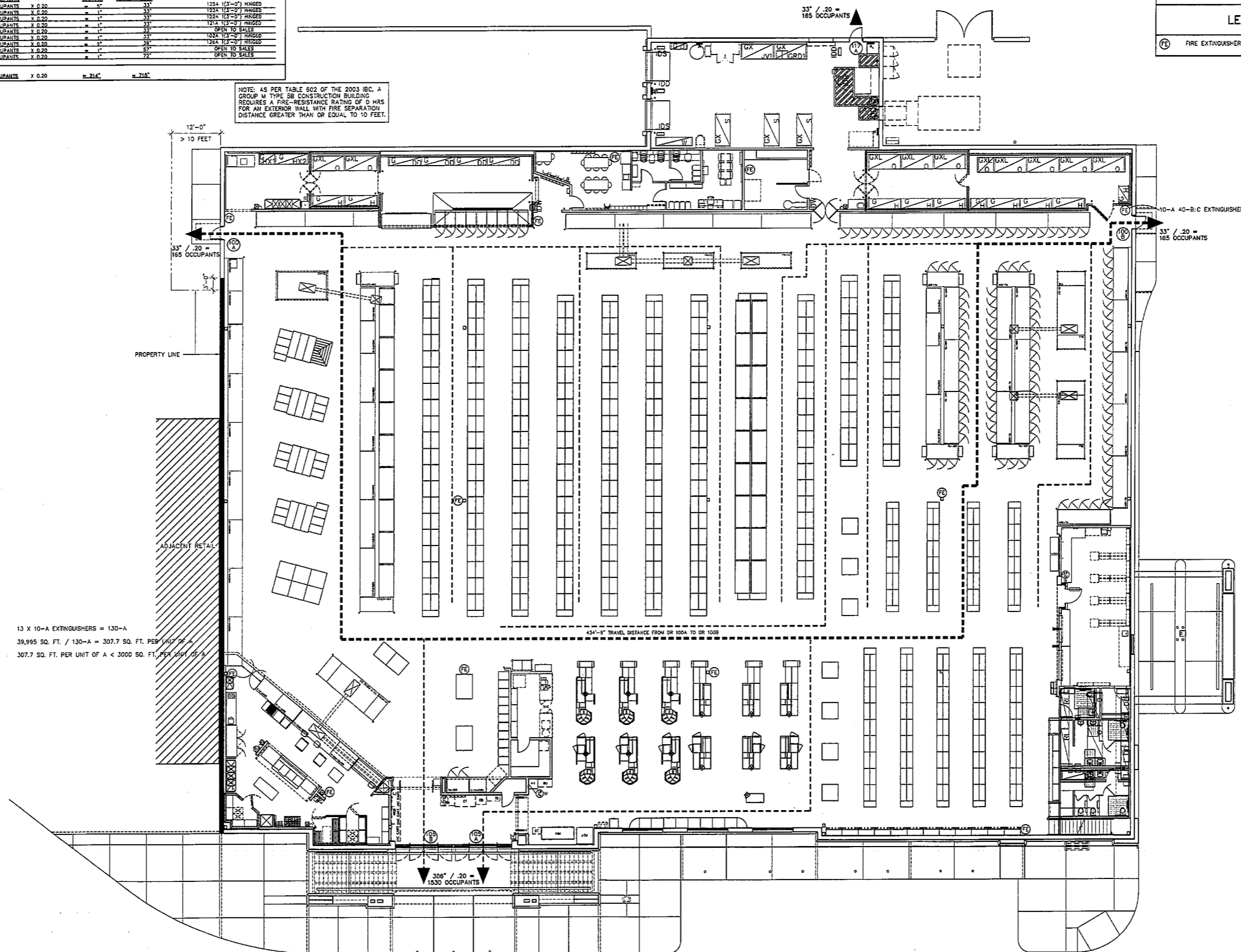
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GENERAL
INFORMATION

SHEET:
N1

OCCUPANCY LOAD CALCULATIONS: 2003 IBC WITH NFPA 101 LIFE SAFETY				REQUIRED EGRESS WIDTH CALCULATIONS:			
OCCUPANCY LOAD = (SQUARE FOOTAGE / (OCCUPANCY LOAD FACTOR))				REQUIRED EGRESS WIDTH = (OCCUPANCY LOAD) x (EGRESS WIDTH FACTOR)			
OCCUPANCY LOAD FACTOR = REFER TO OCCUPANCY LOAD FACTOR TABLE				EGRESS WIDTH FACTOR = 0.20 INCHES			
AREA	AREA (S.F.)	OCCUPANCY LOAD	WIDTH FACTOR	REQUIRED WIDTH	WIDTH PROVIDED	DOORS NUMBER AND SIZE	
MAIN SALES AREA:	29,342 S.F.	S.F./200 = 147 OCCUPANTS	X 0.20	= 29.4'	TOTAL = 290'		
RECEIVING:	1,581 S.F.	S.F./200 = 8 OCCUPANTS	X 0.20	= 1.6'	TOTAL = 30'	117A 1(3'-0") HINGED	
PHARMACY STORAGE 132	42 S.F.	S.F./200 = 0.2 OCCUPANTS	X 0.20	= 0.04'	TOTAL = 1.6'	138A 1(3'-0") HINGED	
MEZZANINE STORAGE 201	582 S.F.	S.F./200 = 3 OCCUPANTS	X 0.20	= 0.6'	TOTAL = 3.3'	201A 1(3'-0") HINGED	
STORAGE							
COMBINED:	2,185 S.F.	= 11 OCCUPANTS	X 0.20	= 2.2'	TOTAL = 30'		
RECEIVING:	1,581 S.F.	S.F./200 = 8 OCCUPANTS	X 0.20	= 1.6'	TOTAL = 33'	117A 1(3'-0") HINGED	
PHARMACY STORAGE 132	42 S.F.	S.F./200 = 0.2 OCCUPANTS	X 0.20	= 0.04'	TOTAL = 33'	138A 1(3'-0") HINGED	
MEZZANINE STORAGE 201	582 S.F.	S.F./200 = 3 OCCUPANTS	X 0.20	= 0.6'	TOTAL = 33'	201A 1(3'-0") HINGED	
ANCILLARY							
COMBINED:	2,852 S.F.	= 14 OCCUPANTS	X 0.20	= 2.8'	TOTAL = 384'		
RECEIVING 135:	378 S.F.	S.F./200 = 2 OCCUPANTS	X 0.20	= 0.4'	TOTAL = 33'	123A 1(3'-0") HINGED	
RECEIVING 137:	71 S.F.	S.F./200 = 0.4 OCCUPANTS	X 0.20	= 0.08'	TOTAL = 33'	123A 1(3'-0") HINGED	
RECEIVING 138:	28 S.F.	S.F./200 = 0.1 OCCUPANTS	X 0.20	= 0.02'	TOTAL = 33'	123A 1(3'-0") HINGED	
USE 131:	203 S.F.	S.F./200 = 1 OCCUPANT	X 0.20	= 0.2'	TOTAL = 33'	123A 1(3'-0") HINGED	
CUSTOMER SERVICE 101:	113 S.F.	S.F./200 = 0.6 OCCUPANTS	X 0.20	= 0.12'	TOTAL = 33'	OPEN TO SALES	
CASH 102:	47 S.F.	S.F./200 = 0.2 OCCUPANTS	X 0.20	= 0.04'	TOTAL = 33'	OPEN TO SALES	
PHARMACY 126:	845 S.F.	S.F./200 = 4.2 OCCUPANTS	X 0.20	= 0.84'	TOTAL = 35'	126A 1(3'-0") HINGED	
KITCHEN 104 AND 107:	861 S.F.	S.F./200 = 4.3 OCCUPANTS	X 0.20	= 0.86'	TOTAL = 37'	OPEN TO SALES	
PRODUCT 049P 111:	281 S.F.	S.F./200 = 1.4 OCCUPANTS	X 0.20	= 0.28'	TOTAL = 37'	OPEN TO SALES	
TOTAL NET FLOOR AREA							
PEN 2003 IBC SECTION 1002.1	= 34,188 S.F.	= 173.8 OCCUPANTS	X 0.20	= 34.8'	= 214'		

NOTE: AS PER TABLE 602 OF THE 2003 IBC, A GROUP M TYPE SB CONSTRUCTION BUILDING REQUIRES A FIRE-RESISTANCE RATING OF 0 HRS FOR AN EXTERIOR WALL WITH FIRE SEPARATION DISTANCE GREATER THAN OR EQUAL TO 10 FEET.



13 X 10-A EXTINGUISHERS = 130-A
 39,995 SQ. FT. / 130-A = 307.7 SQ. FT. PER UNIT OF A
 307.7 SQ. FT. PER UNIT OF A < 3000 SQ. FT. PER UNIT OF A

434'-8" TRAVEL DISTANCE FROM DR 100A TO DR 100B

SHEET NOTES

1. MAINTAIN A MINIMUM OF 3'-0" AISLE WIDTH ON THE SALES FLOOR WHERE MERCHANDISE OR OTHER OBSTRUCTIONS ARE PLACED ON ONE SIDE OF THE AISLE, AND 3'-6" AISLE WIDTH WHEN SUCH OBSTRUCTIONS ARE PLACED ON BOTH SIDES OF THE AISLE.
2. ALL EXIT SIGNS AND EMERGENCY LIGHTS ARE SHOWN ON SHEET E1, (SYMBOL LEGEND ON E3), AND WILL BE SUBJECT TO INSPECTION FROM THE FIRE MARSHAL HAVING AUTHORITY PRIOR TO FINAL APPROVALS.
3. 250' MAX. TRAVEL DISTANCE IS SHOWN AS A DASHED LINE.

LEGEND

(FE) FIRE EXTINGUISHER

B | R | R

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LIFE SAFETY PLAN

SHEET: LS1

1 LIFE SAFETY PLAN
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