



LEESBURG, VIRGINIA
STORE NO.: 1904-05

PROTO CYCLE: 04/28/17
DATE: 09/12/17
PROTO: C-100-SGL-QL

Walmart
LEESBURG, VIRGINIA
STORE NO.: 1904-05
JOB NUMBER: 1706028
PROTO: C-100-SGL-QL

GENERAL	A5.5 TOILET PLANS AND DETAILS	GA3.1 ENLARGED FINISH PLAN AND ELEVATIONS	S8 AUTO CENTER FOUNDATION PLAN AND DETAILS	GP6 GROCERY WATER RISER	GE ENLARGED GROCERY LIGHTING PLANS
C1 COVER SHEET	A5.6 TOILET DETAILS AND ELEVATIONS	GA4 EDGE PROTECTION	S8.1 AUTO CENTER FRAMING PLAN AND DETAILS	GM1 GROCERY HVAC PLAN AND DETAILS	GE2 ENLARGED GROCERY POWER PLANS
N1 GENERAL INFORMATION	A6 OFFICE PLAN		SS1 SITE SIGNAGE DETAILS	GM2 EXHAUST HOOD	
ARCHITECTURAL	A6.1 PARTITION TYPES AND DETAILS	FOOD SERVICE TENANT - SUBWAY	FIRE PROTECTION	EM1 ENERGY MANAGEMENT PLAN	SPECIAL ELEMENTS
SP1 SITE PLAN	A6.2 INTERIOR WALL SECTIONS	SWA1 SUBWAY FLOOR AND FIXTURE PLANS, AND SCHEDULES	FP1 FIRE SITE UTILITY PLAN	EM2 SEQUENCES OF OPERATION	FXS RACK ANCHORAGE PLAN AND NOTES
SP2 SITE DETAILS	A6.3 INTERIOR WALL SECTIONS	SWA2 SUBWAY SCHEDULES, INTERIOR ELEVATIONS, AND DETAILS	FP2 OVERALL FIRE SPRINKLER PLAN	REM1 REFRIG ENERGY MANAGEMENT SCHEDULES	FXS RACK ANCHORAGE DETAILS
SP2.1 SITE DETAILS	A7 ROOM FINISH SCHEDULE		FP2.1 FIRE SPRINKLER PLAN SYSTEM 1	REM2 REFRIG ENERGY MANAGEMENT SCHEDULES	FXS RACK FRAMING DETAILS
SP2.2 SITE DETAILS	A8 DOOR SCHEDULE		FP2.2 FIRE SPRINKLER PLAN SYSTEM 2	REM3 REFRIG LEAK DETECTION PLAN AND DETAILS	FXS4 GARDEN CENTER RACK FRAMING DETAILS
SP2.3 SITE DETAILS	A8.1 DOOR DETAILS		FP2.3 FIRE SPRINKLER PLAN SYSTEM 3	REM4 REFRIG ENERGY MANAGEMENT DETAILS	FX1 FIXTURE PLAN
SP3 RECYCLING ENCLOSURE	A8.2 WINDOW AND DOOR DETAILS		FP2.4 FIRE SPRINKLER PLAN SYSTEM 4	R1 FRONT REFRIG PLAN	LS1 LIFE SAFETY PLAN (NOT IN BID SET)
SP3 PICKUP DRIVE THRU METAL CANOPY 6-BAY	A9 DETAILS		FP2.5 FIRE SPRINKLER PLAN SYSTEM 5	R2 REAR REFRIG PLAN	RPS1 RPS PURCHASED ITEMS
A1 FLOOR PLAN	A9.1 BREAK ROOM AND CUSTOMER SERVICE MILLWORK DETAILS		FP3 FIRE PROTECTION DETAILS	R3 REFRIG DETAILS	RPS2 RPS PURCHASED ITEMS
A1.1 FINISH PLAN		STRUCTURAL	FP3.2 SKID MOUNTED FIRE PUMP	R4 REFRIG SCHEDULES	FR1 FURNISHINGS PLAN (NOT IN PERMIT SET)
A1.2 REFLECTED CEILING PLAN	AC1 AUTO CENTER	S0 GENERAL STRUCTURAL INFORMATION		R5 REFRIG SUBMITTALS	FR1.1 BAKERY FF AND E (NOT IN PERMIT SET)
A1.3 ENLARGED REFLECTED CEILING PLANS	AC1.1 AUTO CENTER DETAILS	S1 FOUNDATION PLAN		R6 REFRIG SUBMITTALS	FR1.2 DELI FF AND E (NOT IN PERMIT SET)
A2.0 EXTERIOR ELEVATIONS	AC1.2 AUTO CENTER EQUIPMENT DETAILS	S1.1 SLAB PLAN		R7 REFRIG SUBMITTALS	FR1.3 PRODUCE PREP FF AND E (NOT IN PERMIT SET)
A2.1 ENLARGED EXTERIOR ELEVATIONS	GC1 GARDEN CENTER FLOOR PLAN AND DETAILS	S1.2 GROCERY PICKUP CANOPY FOUNDATION PLAN AND DETAILS		R8 REFRIG SUBMITTALS	FR1.4 MEAT UTILITY FF AND E (NOT IN PERMIT SET)
A2.2 SIGNAGE	GC2 GARDEN CENTER FENCE ELEVATIONS AND DETAILS	S2 FOUNDATION DETAILS		R9 REFRIG SUBMITTALS	FR1.5 VESTIBULE FF AND E (NOT IN PERMIT SET)
A2.2A SITE SIGNAGE	GC2.1 GARDEN CENTER WALL SECTIONS AND DETAILS	S2.1 FOUNDATION DETAILS		R10 REFRIG SUBMITTALS	FR1.6 RECEIVING FF AND E (NOT IN PERMIT SET)
A3.0 EXTERIOR WALL SECTIONS	PH1 PHARMACY	S2.2 FOUNDATION DETAILS		R11 REFRIG SUBMITTALS	FR1.7 REAR OFFICE FF AND E (NOT IN PERMIT SET)
A3.1 EXTERIOR WALL SECTIONS	PH1.1 PHARMACY SECTIONS AND DETAILS	S2.3 FOUNDATION DETAILS		R12 REFRIG SUBMITTALS	FR1.8 BREAKROOM FF AND E (NOT IN PERMIT SET)
A3.2 EXTERIOR WALL SECTIONS	PH1.2 PHARMACY SECTIONS AND DETAILS	S3 ROOF FRAMING PLAN		R13 REFRIG SUBMITTALS	FR1.9 CUSTOMER SERVICE FF AND E (NOT IN PERMIT SET)
A3.3 EXTERIOR WALL SECTIONS	PH3 PHARMACY EQUIPMENT (FOR REFERENCE ONLY)	S4 GENERAL SCHEDULES AND DIAGRAMS		R14 REFRIG SUBMITTALS	FR2 FF AND E LEGEND (NOT IN PERMIT SET)
A3.4 EXTERIOR WALL SECTIONS		S4.1 ROOF FRAMING SCHEDULES AND DETAILS		R15 REFRIG SUBMITTALS	SE1 SIGNAGE COORDINATION ELEVATIONS (NOT IN PERMIT OR BID SET)
A3.5 EXTERIOR DETAILS	GROCERY ARCHITECTURAL	S4.2 FRAMING ELEVATIONS AND DETAILS		R16 REFRIG SUBMITTALS	
A4.0 ROOF PLAN	GA1 FRONT GROCERY FLOOR PLAN AND REFLECTED CEILING PLAN	S4.3 ROOF EQUIPMENT FRAMING PLAN AND DETAILS		R17 REFRIG SUBMITTALS	
A4.1 ROOF DETAILS	GA1.1 REAR GROCERY FLOOR PLAN AND DETAILS	S5 FRAMING DETAILS		R18 REFRIG SUBMITTALS	
A4.2 LOWER ROOF PLANS AND DETAILS	GA2 VESTIBULE PLAN AND DETAILS	S5.1 FRAMING DETAILS		R19 REFRIG SUBMITTALS	
A5 VESTIBULE	GA2.1 FRONT GROCERY FIXTURE PLAN	S6 VESTIBULE PLANS		R20 REFRIG SUBMITTALS	
A5.1 ENLARGED PLANS	GA2.2 REAR GROCERY FIXTURE PLAN	S6.1 VESTIBULE FRAMING SECTIONS		R21 REFRIG SUBMITTALS	
A5.2 VISION CENTER	GA2.2 ENLARGED WALK-IN PLANS	S7 ENLARGED FRAMING PLANS		R22 REFRIG SUBMITTALS	
A5.3 ENLARGED GM VESTIBULE	GA3 GROCERY INTERIOR ELEVATIONS	S7.1 GARDEN CENTER SCREENING		R23 REFRIG SUBMITTALS	
A5.4 ENLARGED GR VESTIBULE				R24 REFRIG SUBMITTALS	

BUILDING CODE SUMMARY

APPLICABLE CODES:	BUILDING CODE: 2012 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUBS)
ENERGY CODE: 2012 IECC (ASHRAE 90.1)	Mechanical Code: 2012 INTERNATIONAL MECHANICAL CODE (IMC)
PLUMBING CODE: 2012 INTERNATIONAL PLUMBING CODE (IPC)	Electrical Code: 2011 NATIONAL ELECTRICAL CODE (NEC)
Fire Code: 2012 INTERNATIONAL FIRE CODE (IFC)	Accessibility Code: 2008 ICC / ANSI A117.1
MIXED OCCUPANCIES:	THIS BUILDING IS DESIGNED PER IBC SECTION 508 FOR MIXED OCCUPANCY, SECTION 508.2 FOR ACCESSORY OCCUPANCIES, SECTION 508.3 FOR NONSEPARATED OCCUPANCIES, AND NFPA 101 SECTION 6.1.3.4 FOR IBC SECTION 508.2.4 (ACCESSORY OCCUPANCIES). FIRE SEPARATION IS NOT REQUIRED BETWEEN THE PRIMARY OCCUPANCY (M) AND THE ACCESSORY OCCUPANCIES (A-2, B, F-1). PER SECTION 508.3.3 (NONSEPARATED OCCUPANCIES), FIRE SEPARATION IS NOT REQUIRED BETWEEN THE PRIMARY OCCUPANCY (M AND S-1) EXCEPT AS REQUIRED BY OTHER CODE PROVISIONS.
BUILDING OCCUPANCIES:	A2 - BREAK ROOM AND FUTURE FOOD TENANT (ACCESSORY USE) - SECT. 508.1 B - OFFICE, PHARMACY, CUSTOMER SERVICE, TRAINING, NON FOOD TENANTS (ACCESSORY USE) SECT. 504.1 F - 1 - FOOD PREP AREAS (DELI, BAKERY, MEAT, PRODUCE) (ACCESSORY USE) - SECT. 506 M - RETAIL SALES - MIXED USE - SECT. 511 S1 - RESIDING, STORAGE ROOMS, COOLERS/FREEZERS, STORAGE AREAS - MIXED USE - SECT. 511.2
ALLOWABLE AREA:	THIS BUILDING IS DESIGNED FOR UNLIMITED AREA PER SECTION 507.3 (2012 IBC). THIS BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND IS SURROUNDED ON ALL SIDES BY 60 FEET MINIMUM OF PERMANENT OPEN SPACE COMPLIES WITH SECTION 507.3.
TYPE OF CONSTRUCTION:	TYPE V PER SECT. 602.3 AND TABLE 602.3 (2012 IBC)
FIRE PROTECTION:	MINIMUM FLOOR AREA ALLOWANCE PER OCCUPANT PER 2012 IBC TABLE 1004.1.1 AND 2012 NFPA 7.3.2
AUTO SERVICE CENTER:	NO FIRE SEPARATION IS REQUIRED BETWEEN SERVICE AND SALES PER SECTION 508.3.2. ALSO PER NFPA SECTION 8.1.1.1.1, WHEN FIRE IS INCIDENT IN EITHER OCCUPANCY, IT SHALL BE CONSIDERED PART OF THE PRESENT OCCUPANCY.

ROOM	NAME	AREA	LOAD FACTOR	OCCUPANTS	WIDTH	DEPTH	DOOR NUMBER	MIN. SIZE
001	SALES	500.00 SF	0.7	600	10.0	20.0	1108	10.0' x 20.0'
002	GM VESTIBULE	63.00 SF	0.7	60	10.0	20.0	1108	10.0' x 20.0'
003	GM VESTIBULE	63.00 SF	0.7	60	10.0	20.0	1108	10.0' x 20.0'

ROOM	NAME	AREA	LOAD FACTOR	OCCUPANTS	WIDTH	DEPTH	DOOR NUMBER	MIN. SIZE
004	SALES	500.00 SF	0.7	600	10.0	20.0	1108	10.0' x 20.0'
005	GM VESTIBULE	63.00 SF	0.7	60	10.0	20.0	1108	10.0' x 20.0'

ROOM	NAME	AREA	LOAD FACTOR	OCCUPANTS	WIDTH	DEPTH	DOOR NUMBER	MIN. SIZE
006	SALES	500.00 SF	0.7	600	10.0	20.0	1108	10.0' x 20.0'
007	GM VESTIBULE	63.00 SF	0.7	60	10.0	20.0	1108	10.0' x 20.0'

ROOM	NAME	AREA	LOAD FACTOR	OCCUPANTS	WIDTH	DEPTH	DOOR NUMBER	MIN. SIZE
008	SALES	500.00 SF	0.7	600	10.0	20.0	1108	10.0' x 20.0'
009	GM VESTIBULE	63.00 SF	0.7	60	10.0	20.0	1108	10.0' x 20.0'

ACCESSORY EGRESS WIDTH CALCULATIONS

EGRESS COMPLEX WITH	OCCUPANT	% EGRESS
SALES	600	100%
GM VESTIBULE	60	10%

SHEET NOTES

- BUILDING WILL BE FULLY SPRINKLERED AS REQUIRED BY CONTRACT DOCUMENTS. SUBMIT FIRE SPRINKLER SYSTEM DRAWINGS AND CALCULATIONS TO AUTHORITIES HAVING JURISDICTION. SUBMIT FIRE MANUAL ETC. OBTAIN ALL APPROVALS PRIOR TO FABRICATION OR INSTALLATION.
- OWNER WILL PROVIDE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 1. AUTHORITY HAVING JURISDICTION WILL APPROVE FINAL FIRE EXTINGUISHER LOCATIONS. FIRE EXTINGUISHERS ARE TO BE MOUNTED SUCH THAT THE BOTTOM OF THE UNIT IS 24" AFF. MAX.
- OWNER'S ALARM CENTRAL ENGINEERING TEAM HAS CONTACTED THE AUTHORITY HAVING JURISDICTION FOR FIRE PLAN DATA ABOUT STATE AND LOCAL REQUIREMENTS THAT DIFFER FROM THE NATIONALLY PUBLISHED CODES AND STANDARDS. A COMPLETE SET OF SPECIFIC SUBMITTALS IS BEING MADE DIRECTLY TO THE AUTHORITY HAVING JURISDICTION. QUESTIONS SHOULD BE DIRECTED TO 1-800-539-6204, OPTION 3.
- THE MAXIMUM STORAGE HEIGHT IS 12 FEET EXCEPT IN ROOM RECEIVING 178 SHALL HAVE STORAGE HEIGHT OF 18 FEET OR CLASS I/II COMMODITIES IN FILES, SINGLE AND DOUBLE ROW RACKS. THE STACKING HEIGHT OF THE ROLLING RACK AREA WILL EXCEED 12 FEET.
- REFER TO SPECIFICATIONS FOR SPECIFIC INFORMATION REGARDING ITEMS AND SERVICES TO BE FURNISHED AND INSTALLED BY INDIVIDUALS OTHER THAN THE GENERAL CONTRACTOR. ALL ITEMS SHOWN DASHED REFER TO SPECIFICATION.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL LOCK BOX. GENERAL CONTRACTOR TO COORDINATE TYPE OF BOX AND LOCATION WITH FIRE DEPARTMENT OFFICIAL.

PLUMBING FIXTURE COUNTS:

PER TABLE 603.1 (2012 IBC) AND CHAPTER 26 (2012 IFB)

TOTAL BUILDING OCCUPANT LOAD IS 664

LOAD DISTRIBUTION: 80% MALE AND 20% FEMALE

DISTRIBUTION COUNT: 2,772 MALE AND 2,772 FEMALE

WATER FIXTURES REQUIRED: 1,900 MALE & 1,900 FEMALE

MALE LAVATORIES: 2,772/70 = 4 (4 PROVIDED)

FEMALE LAVATORIES: 2,772/70 = 4 (4 PROVIDED)

WATER CLOSURES REQUIRED: 1,900 MALE & 1,900 FEMALE

MALE WATER CLOSURE: 2,772/20 = 6 (6 PROVIDED)

FEMALE WATER CLOSURE: 2,772/20 = 6 (6 PROVIDED)

PER INTERNATIONAL PLUMBING CODE (IPC) SECTION 415.2 URINALS CAN BE SUBSTITUTES UP TO 20 PERCENT OF THE REQUIRED WATER CLOSURES

DRINKING FOUNTAINS REQUIRED: 664 OCCUPANTS + 8 DRINKING FOUNTAINS @ 6 PROVIDED

ARCHITECTURAL
RETAL DESIGN COLLABORATIVE
RALPH WATSON
11911 FREEDOM DRIVE, STE 1120
RESTON, VIRGINIA 20190

STRUCTURAL
JOHNSTON BURKHOLDER ASSOCIATES
BART J. HALLVERSON
930 CENTRAL
KANSAS CITY, MISSOURI 64105

FIRE PROTECTION
BENCHMARK GROUP, INC.
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1805 N 2ND ST SUITE 5643
ROGERS, ARKANSAS 72756

MECHANICAL
BENCHMARK GROUP, INC.
DAVID P. KIMBALL
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ROGERS, ARKANSAS 72756

PLUMBING
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ROGERS, ARKANSAS 72756

ELECTRICAL
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REFRIGERATION
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