DEFERRED SUBMITTALS

THE FOLLOWING SUBMITTALS ARE TO BE SUBMITTED BY THE GENERAL CONTRACTOR TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION. SUBMITTALS ARE TO BE SIGNED AND SEALED BY AN ENGINEER LICENSED IN THE STATE OF UTAH OR AS REQUIRED BY THE AHJ. REFER TO SPECIFICATIONS.

SUBMITTALS
FIRE ALARM DRAWINGS (OWNER PROVIDED)
SPRINKLER SYSTEM DESIGN DRAWINGS
KITCHEN EXHAUST HOOD DRAWINGS

WAL★MART

SUPERCENTER

NASHVILLE, NC
STORE NO.: 4459

SF: (GROSS LEASABLE AREA) 153,430
DATE: 10/06/
PROTO: C-143 SGL-NO

ADDRESS

THE CONTRACTOR SHALL PROVIDE THE BUILDING ADDRESS ON THE FRONT OF THE STORE. VERIFY REQUIRED SIZE, COLOR, AND LOCATION WITH AHJ.

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BUILDING CODE SUMMARY

IBC/2006/IECC

NAME OF PROJECT: WAL-MART
STREET ADDRESS: 1505 FASTERN AVENUE
PROPOSED USE: RETAIL

APPLICABLE CODES
BUILDING CODE: 2002 NORTH CAROLINA BUILDING CODE
MECHANICAL CODE: 2002 NC BLDG CODE
PLUMBING CODE: 2002 NC BLDG CODE
ELECTRICAL CODE: 2005 NATIONAL ELECTRIC CODE
FIRE CODE: 2002 NC BLDG CODE
ACCESSIBILITY CODE: 2002 NC ACCESS & LITY CODE

MIXED OCCUPANCIES: THIS BUILDING HAS BEEN DESIGNED PER 2000 IBC SECTIONS 302.3, 302.3.1, AND 302.3.2

SECTIONS 302.3 (MIXED USE) - ALL ZONES FOR MIXED OCCUPANCIES TO APPLY TO BOTH SECTIONS 302.3.1 AND 302.3.2 AT THE SAME TIME.

SECTION 302.3.1 (NON-SEPARATED USES) - APPLIES TO ALL OCCUPANCIES [illegible] BUILDING FOR FIRE SEPARATION EXCEPT THE ASSEMBLY OCCUPANCY [illegible] NON-SEPARATED USES - FIRE SEPARATIONS ARE NOT REQUIRED [illegible] USES FIRE RATING REQUIRED 302.3.1 EXCEPT AS NOTED BY OTHER PROVISIONS [illegible] REQUIRED HERE).

SECTION 302.3.2 (SEPARATED USES) - APPLIES TO THE ASSEMBLY AREA [illegible] ASSEMBLY AREAS ARE LESS THAN 10% OF THE TOTAL FLOOR SPACE [illegible] APPLIES. THE ASSEMBLY AREAS ARE ACCESSORY TO THE MAIN USE. PER [illegible] 302.2 FIRE SEPARATION IS NOT REQUIRED BETWEEN THE ACCESSORY OCCUPANCY AND MAIN USE.

BUILDING OCCUPANCIES: WAL-MART ALL-NEW 100 CLASS A STORE (MIXED USE) - SECT 302.3
SALES AREA - TIRE & LUBE EXPRESS (NON-SEPARATED USE) - SECT 302.3.1
(SERVICES ARE LIMITED TO OIL CHANGE AND TIRE LUBE, INSTALLATION OF TIRES AND/OR BATTERIES. THERE IS NO FUEL DISPENSING AND NO STORAGE OF PARTS.)
REGEMYO AND [illegible] STORE (SEPARATED USES) (MIXED-USE) - SECT 311.2
[illegible] ACCESSORY OCCUPANCY (MIXED USE) - SECT 302.2
[illegible] FIRE PROTECTION (NON-SEPARATED USES) - SECT 302.3.1

ALLOWABLE AREA: [illegible] ALLOWABLE AREA CALCULATION 27 X 21 (2000 IBC)
THE BUILDING IS ENTIRELY SUPPORTED BY AN AUTOMATIC SPRINKLER SYSTEM AND IS [illegible] FEET MINIMUM OF PERMANENT OPEN SPACE ALONG THE PERIMETER (SECTION 503.2)

TYPE OF CONSTRUCTION: TYPE [illegible] AND TABLES 601 AND 602 (2000 IBC)

FIRE PROTECTION:

	ALL BUILDINGS AND ATTACHED GARAGES	REQUIRED	PROVIDED
STRUCTURAL FRAME		0 HOUR	1 HOUR
ROOF CONSTRUCTION		0 HOUR	1 HOUR
EXTERIOR BEARING WALLS		0 HOUR	1 HOUR
INTERIOR BEARING WALLS		0 HOUR	1 HOUR
INTERIOR NON BEARING WALLS AND PARTITIONS		0 HOUR	1 HOUR
FLOOR CONSTRUCTION		0 HOUR	1 HOUR

AUTO SERVICE CENTER: NO FIRE SEPARATION REQUIRED BETWEEN AUTO SERVICE CENTERS AND SALES AREA (SECTION 302.3 NON SEPARATED USE APPLIES)

A 1-HOUR FIRE SEPARATION IS PROVIDED AT STOCKROOMS (CLASS 1-4 COMMODITIES) FOR SEPARATION FROM THE TIRE SALES (HIGH HAZARD - HIGH PILE STORAGE) FOR COMPLIANCE TO SECTION 2306.3.2.2 OF 2003 INTERNATIONAL FIRE CODE.

NUMBER OF EXIT ACCESS DOORS REQUIRED

TABLE 1004.2.1 (2000 IBC), TWO (2) EXITS ARE REQUIRED WHEN THE FOLLOWING CONDITIONS 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 1,000 - MORE THAN FOUR (4) EXITS PROVIDED PER 1006.2.1

NOTE: PER 2000 IBC AND 2000 IFC, SECTION 1003.2.1.3, HORIZONTAL SLIDING DOORS ARE PERMITTED TO BE A SECOND EXIT OF A MEANS OF EGRESS IN ACCORDANCE WITH EXCEPTION #5 OF SECTION 1003.2.1.2. EXCEPTION #5 STATES: IN OTHER THAN H OCCUPANCIES, HORIZONTAL SLIDING DOORS IN ACCORDANCE WITH SECTION 1003.3.3.3 SHALL BE PERMITTED IN A MEANS OF EGRESS.

HORIZONTAL SLIDING "WONG" DOORS SHOWN [illegible] CORRECT COMPLIANCE WITH BOTH SECTIONS.
HORIZONTAL SLIDING "WONG" DOORS PROVIDE [illegible] PER 1003.2.3 (BOTH IBC AND IFC)

EXIT ACCESS TRAVEL DISTANCE:
250' [illegible] OCCUPANCY [illegible] SPRINKLED NON-[illegible] BUILDINGS
[illegible] OCCUPANCY PER 2000 IBC [illegible] SPRINKLERED BUILDINGS
NOTE: [illegible] DISCHARGE IS LESS THAN 250'.

CORRIDOR RESISTANCE:
CORRIDOR DOORS ARE REQUIRED TO BE RATED IN SPRINKLERED BUILDINGS FOR M OCCUPANCIES PER 2000 IBC AND IFC TABLE 1004.2.1, [illegible] FULLY SPRINKLERED.

OCCUPANCY LOAD FACTORS:
MAXIMUM FLOOR AREA TO AVOID FIRE PROTECTION PER 2000 IBC TABLE 1004.1.2

SALES (MERCANTILE GRADE FLOOR AREAS)	30 GROSS
BOOKSTORE SALES (MERCANTILE - GRADE FLOOR AREAS)	30 GROSS
STORAGE (MERCANTILE - STORAGE, STOCK, SHIPPING AREAS)	300 GROSS
TRAINING, BREAK AND DINING ROOMS (ASSEMBLY W/O FIXED SEATING)	15 NET
BAKERY AND MEAT PREP AREAS (COMMERCIAL KITCHEN)	200 GROSS
ALTO SERVICE CENTER (INDUSTRIAL AREAS)	100 GROSS
OFFICE, PHARMACY, INVOICING & MANAGEMENT (BUSINESS AREAS)	100 GROSS
HAIR CARE, FUTURE BANK (BUSINESS AREAS)	100 GROSS
FOOD TENANT (ASSEMBLY, STORAGE AND KITCHEN)	SEE INDIVIDUAL FACTOR ABOVE
VISION CENTER AND FRONT COURTESY DESK (MERCANTILE AND BUSINESS)	SEE INDIVIDUAL FACTOR ABOVE

OCCUPANCY LOAD CALCULATIONS:

AREA	AREA SQ FT	OCCUPANCY LOAD	WIDTH FACTOR	REQ. RED. WIDTHS	WIDTHS PROVIDED	DOOR NUMBERS AND SIZES
GARDEN CENTER: 501	6,300 S.F. / 30 = 210	OCCUPANTS	X 0.15	= 31.5"	32" 501B (3'0") HINGED 32" 501C (3'0") HINGED	

OCCUPANCY LOAD CALCULATIONS:

SALES	COMBINED:	123,824 S.F.			=	4,125 OCCUPANTS			= 824 " TOTAL	
MAIN SALES FREE		118,946 S.F.	S.F./	30 =	3,965	OCCUPANTS	X 0.15	= 594.8 "	96"	100L (24'0") HINGED
									36"	100M 2(3'0") HINGED
CAMPING		1,575 S.F.	S.F./	30 =	53	OCCUPANTS	X 0.15	= 8.0 "	120"	101A (10'0") HORIZ SLIDER
									120"	101B (10'0") HORIZ SLIDER
GR COOLER		1,194 S.F.	S.F./	30 =	40	OCCUPANTS	X 0.15	= 6.0 "	212 "CLEAR OPENING AT LEAST"	HINGED DOTAGE
GR TOILETS		634 S.F.	S.F./	30 =	22	OCCUPANTS	X 0.15	= 3.3 "		
REAR TOILETS		473 S.F.	S.F./	30 =	16	OCCUPANTS	X 0.15	= 2.4 "		
FAMILY ROOM TOILET		85 S.F.	S.F./	30 =	3	OCCUPANTS	X 0.15	= 0.5 "		
HALLWAY 928		73 S.F.	S.F./	30 =	3	OCCUPANTS	X 0.15	= 0.5 "	33 "	928E (3'0") HINGED
COURTESY DESK DOOR 105		84 S.F.	S.F./	30 =	3	OCCUPANTS	X 0.15	= 0.5 "	32 "	105A (3'0") HINGED
HALLWAY 151		153 S.F.	S.F./	30 =	6	OCCUPANTS	X 0.15	= 0.9 "		
ALCOVE 129		193 S.F.	S.F./	30 =	7	OCCUPANTS	X 0.15	= 1.1 "	36 "	129E (3'0") HINGED
COOLER DOOR 150		210 S.F.	S.F./	30 =	7	OCCUPANTS	X 0.15	= 1.1 "	36 "	150A (3'0") HINGED
STORAGE	COMBINED:	17,988 S.F.			=	85 OCCUPANTS		= 10 "	96 " TOTAL	
SMART STORAGE 104		354 S.F.	S.F./	300 =	2	OCCUPANTS	X 0.15	= 0.3 "		104A (12'0") HORIZ SLIDER
RETURN STORAGE 106		102 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		
REGEMYO 178		5,676 S.F.	S.F./	300 =	20	OCCUPANTS	X 0.15	= 3.0 "	32 "	178A (3'0") HINGED
STOCKROOM 179		2,850 S.F.	S.F./	300 =	10	OCCUPANTS	X 0.15	= 1.5 "	32 "	179A (3'0") HINGED
HANWAY STORAGE 180		2,944 S.F.	S.F./	300 =	10	OCCUPANTS	X 0.15	= 1.5 "		180F (5'0") HINGED (SLIDER)
GR CART STORAGE 118		790 S.F.	S.F./	300 =	3	OCCUPANTS	X 0.15	= 0.5 "		
BAKERY DRY FOODS FRONT	0046005/C7089	1,056 S.F.	S.F./	300 =	4	OCCUPANTS	X 0.15	= 0.6 "		
GROCERY FREEZER STOCKROOM	91/618/617823	1,984 S.F.	S.F./	300 =	7	OCCUPANTS	X 0.15	= 1.1 "		
DAIRY COOLER 222		1,597 S.F.	S.F./	300 =	6	OCCUPANTS	X 0.15	= 0.9 "		
GROCERY STOCK #2	923	581 S.F.	S.F./	300 =	2	OCCUPANTS	X 0.15	= 0.3 "		150B (3'0") HINGED
ANCILLARY	COMBINED:	6,786 S.F.			=	118 OCCUPANTS		= 18 "	33 " TOTAL	
UTILITY 245		204 S.F.	S.F./	200 =	2	OCCUPANTS	X 0.15	= 0.3 "		
DRY PRODUCE PREP 910		493 S.F.	S.F./	200 =	3	OCCUPANTS	X 0.15	= 0.5 "		
BAKERY DELI AREA 913/920/918/908		2,204 S.F.	S.F./	200 =	12	OCCUPANTS	X 0.15	= 1.8 "		
COURTESY DESK 105		362 S.F.	S.F./	30 =	13	OCCUPANTS	X 0.15	= 2.0 "		105A (3'0") HINGED
COURTESY DESK 105		195 S.F.	S.F./	300 =	2	OCCUPANTS	X 0.15	= 0.3 "		
CASHIER OFFICE 107/108		228 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		
LP OFFICE 118		114 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		122A (3'0") HINGED
PHARMACY 220/201/202		730 S.F.	S.F./	300 =	8	OCCUPANTS	X 0.15	= 1.2 "		300E (3'0") HINGED
TRAINING/OFFICE ROOM 201	143/177/173/174/175	819 S.F.	S.F./	300 =	9	OCCUPANTS	X 0.15	= 1.4 "		178B (3'0") HINGED
BREAKROOM 151		446 S.F.	S.F./	15 =	30	OCCUPANTS	X 0.15	= 4.5 "	33 "	178B (3'0") HINGED
SMOKING AREA 100/34 152		204 S.F.	S.F./	15 =	14	OCCUPANTS	X 0.15	= 2.1 "		178B (3'0") HINGED
INVOICING 171		156 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.3 "		178B (3'0") HINGED
CUSTOMER SERVICE 183		427 S.F.	S.F./	30 =	15	OCCUPANTS	X 0.15	= 2.3 "		0-UN 10 SALES
LAYAWAY 168		205 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		0-UN 10 SALES
TENANT AREAS	COMBINED:	5,410 S.F.			=	109 OCCUPANTS		= 8 "	66 " TOTAL	
FOOD TENANT AREA										
SEATING 402		1,025 S.F.	S.F./	15 =	69	OCCUPANTS	X 0.15	= 10.4 "	33 "	402A (3'0") HINGED
KITCHEN 400/401/404		913 S.F.	S.F./	200 =	5	OCCUPANTS	X 0.15	= 0.8 "		402A (3'0") HINGED
STORAGE 491		150 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		402A (3'0") HINGED
HAIR CARE 810/811		895 S.F.	S.F./	300 =	9	OCCUPANTS	X 0.15	= 1.4 "	32 "	810E (3'0") HINGED
FUTURE BANK 800		597 S.F.	S.F./	300 =	6	OCCUPANTS	X 0.15	= 0.9 "		0-UN 10 SALES
VISION CENTER										
SALES AREA 700		989 S.F.	S.F./	300 =	10	OCCUPANTS	X 0.15	= 1.5 "		0-UN 10 SALES
OFFICE AREA 701 THRU 707		866 S.F.	S.F./	300 =	9	OCCUPANTS	X 0.15	= 1.4 "		0-UN 10 SALES
MECHANICAL	COMBINED:	999 S.F.			=	8 OCCUPANTS		= 1 "	0 " TOTAL	
GROCERY EQ 511		136 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		511A (12'0") HINGED
EQUIPMENT 100		68 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		100A (12'0") HINGED
MECHANIC OFFICE 102		55 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		102A (12'0") HINGED
EQ 122		107 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		122A (12'0") HINGED
SANITATION CENTER 127		55 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		127A (12'0") HINGED
SPRINKLER ENCLOSURE 159		190 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		159A (12'0") HINGED
UPS/IPS 153		149 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		153B (12'0") HINGED
REGEMYO EQ 154		265 S.F.	S.F./	300 =	1	OCCUPANTS	X 0.15	= 0.2 "		
TOTAL NET FLOOR AREA PER 2000 IBC, SECTION 1002.1 =		154,867 S.F.			=	4,425 OCCUPANTS		= 664 " REQUIRED	= 886 " PROVIDED	

REQUIRED EGRESS WIDTH CALCULATIONS

REQUIRED EGRESS WIDTH (OCCUPANT LOAD) X (EGRESS WIDTH FACTOR)
REQUIRED EGRESS WIDTH 0.15 INCHES PER OCCUPANT PER 2000 IBC TABLE 1005.2.3

ACCESSORY EGRESS WIDTH CALCULATIONS

ACCESSORY SPACES EXITING THROUGH THE PRIMARY SPACES

PRIMARY OCCUPANTS WITHIN 100 FEET PER SECTION 1005.2.3

ACCESSORY SPACE	OCCUPANT LOAD	% EXITING THROUGH SALES AREA	
BREAKROOM SENIORS AREA	90.0	50% =	45.0
STOCKROOM 179 AREA	11.0	50% =	5.5
INVOICE OFFICE	2.0	50% =	1.0
CUST. SERV./TOILETS AREA	37.0	50% =	18.5
LAYAWAY STORAGE	10.0	50% =	5.0
REGEMYO 178 AREA	21.0	50% =	10.5
GR COOLER/STOCK ROOM	8.0	50% =	4.0
GR FREEZER/STOR./COOLER	10.0	100% =	10.0
DELI/BAKERY AREA	10.0	100% =	10.0
FOOD TENANT	75.0	50% =	37.5
HAIR CARE	9.0	50% =	4.5
TRUNK CELLIS	22.0	100% =	22.0
COURTESY DESK OFFICE	19.0	50% =	9.5
FUTURE BANK	6.0	100% =	6.0
VISION CENTER	19.0	100% =	19.0
LP OFFICE/JANITOR	3.0	50% =	1.5
PHARMACY	8.0	100% =	8.0
GARDEN CENTER MECH.	1.0	100% =	1.0
TOTAL ACCESSORY OCCUPANT LOAD =	293		

ACCESSORY LOAD EXITING THROUGH MAIN SALES = 216
TOTAL OCCUPANT LOAD MAIN SALES = 4,069
TOTAL OCCUPANT LOAD AT MAIN SALES 4285
EGRESS WIDTH FACTOR X 0.15
TOTAL EGRESS WIDTH REQUIRED FROM MAIN SALES 643

TOTAL EGRESS WIDTH PROVIDED FROM MAIN SALES = 824

TOTAL EGRESS WIDTH PROVIDED AT MAIN ENTRANCES = 470

TOTAL EGRESS WIDTH PROVIDED AT FRONT WALL = 590

NOTE: ALL AREAS WITH NO EGRESS EXITING THROUGH THE MAIN SALES ARE PROVIDED WITH SECONDARY MEANS OF EXITING THAT DOES NOT PASS THROUGH THE SALES AREA

NOTE: BUILDING FIRE DOORS DO NOT INCLUDE THE GARDEN CENTER AREA. THE AREA IS GENERALLY ACCESSIBLE AT GROUND LEVEL AND HAS ROOMS AVAILABLE TO THE SKY. THERE IS NO ROOF OVERHEAD

OUTDOOR SALES EGRESS WIDTH REQUIREMENT
OUTDOOR EXIT NC COMPLIES WITH SECTION 1004.8. EXITING DOES NOT PASS THROUGH BUILDING

BUILDING SQUARE FOOTAGE
TOTAL GROSS SQUARE FOOTAGE IS 156,444 S.F. PER DEFINITION OF GROSS FLOOR AREA (IBC 1002.1)

SHEET NOTES

1. BUILDING WILL BE FULLY SPRINKLERED AS REQUIRED BY CONTRACT DOCUMENTS. SUBMIT FIRE SPRINKLER SYSTEM DRAWINGS AND CALCULATIONS TO AUTHORITY HAVING JURISDICTION (IN THIS CASE MINT HILL FIRE MARSHALL ETC) OBTAIN ALL APPROVALS PRIOR TO FABRICATION OR INSTALLATION

2. OWNER WILL PROVIDE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10. AUTHORITY HAVING JURISDICTION WILL APPROVE FINAL FIRE EXTINGUISHER LOCATIONS.

3. WAL-MART'S ALARM CENTRAL ENGINEERING TEAM HAS CONTACTED THE AUTHORITY HAVING JURISDICTION FOR REVIEW OF DATA AND LITERATURE 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. QUESTIONS SHOULD BE DIRECTED TO 1-800-832-9224 OPTION 3.

4. THE MAXIMUM STORAGE HEIGHT IN STAPLE TEXTILE ROOM 178, ROOM 179, AND 180 - STOCKROOM 178 WILL HAVE A STACKING HEIGHT OF 16 FEET, AND STOCKROOM 179, 502, AND 511 WILL HAVE A STACKING HEIGHT OF 15 FEET OF CLASS 1-4 COMMODITIES IN FIXED, SINGLE AND DOUBLE ROW RACKS. THE STACKING HEIGHT OF THE ROLLING RACK AREA WILL NOT EXCEED 12 FEET.

5. REFER TO SPECIFICATION 01640 - OWNER FURNISHED EQUIPMENT. THE SPECIFICATION LISTS SPECIFIC INFORMATION REGARDING ITEMS AND SUPPLIES TO BE UNINSTALLED AND INSTALLED BY INDIVIDUALS OTHER THAN THE GENERAL CONTRACTOR. ALL ITEMS SHOWN DASHED REFER TO SPECIFICATIONS

6. GENERAL CONTRACTOR TO PROVIDE AND INSTALL LOCK BOX. GENERAL CONTRACTOR TO COORDINATE TYPE OF BOX AND LOCATION WITH FIRE DEPARTMENT OFFICIAL

PLUMBING FIXTURE UNITS:
PER TABLE 403.1 (2003 IBC) AND CHAPTER 29 (2003 IBC)

USE GROUP	TOTAL OCCUPANCY	WATER CLOSETS MALE	WATER CLOSETS FEMALE	LAVATORIES MALE	LAVATORIES FEMALE	MALE	FEMALE	DRINKING FOUNTAIN
ASSEMBLY A2	119 1 PER	75 0.48	1 1.1 1 PER	200	0.18 0.42	0.24		
BUSINESS	81 1 PER	50 0.40	1 1.1 1 PER	25	0.30 1.10	0.81		
MERCANT.	4370 1 PER	500 2.62	6 12.1 1 PER	750	1.75 4.08	4.37		
STORAGE	25 1 PER	100 0.20	0.46 1 PER	100	0.20 0.46	0.07		
	4595							
REQUIRED		3.79	8.82		2.43 6.10	5.46		
PROVIDED		4	9		3 7	8		

OCCUPANCY TO BE DIVIDED 50% MALE 50% FEMALE

DRINKING FOUNTAINS: 1 PER 100 FOR BUSINESS, ALL OTHERS 1 PER 1000 PER IBC SECTION 4.01.1. WATER COOLER MAY BE USED IN LIEU OF A DRINKING FOUNTAIN. 1 WATER COOLER USED IN CALCULATIONS

ARCHITECTURAL:
SCOTT&GOBLE ARCHITECTS
CHRISTOPHER BYRON GOBLE
1437 S. BOULDER, SUITE 800
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GROCERY ARCHITECT:
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FOOD SERVICE MECHANICAL/ELECTRICAL/PLUMBING:
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PETER A. HILGER
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TULSA, OKLAHOMA 74114

STRUCTURAL:
WALLACE ENGINEERING
THOMAS WILLIAM WALLACE
200 EAST PRATT
TULSA, OKLAHOMA 74103

FIRE PROTECTION:
HENDERSON ENGINEERS, INC.
DUANE S. HENDERSON
6325 LENEXA DRIVE, SUITE 400
LENEXA, KANSAS 66211

MECHANICAL:
HENDERSON ENGINEERS, INC.
DUANE S. HENDERSON
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