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: 100206
PROTO: C-143 SGL-NC

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

DRAWING INDEX

GENERAL

C1 COVER SHEET
A1 GENERAL INFORMATION
FX1 FIXTURE PLAN (NOT IN BID SET)
APP.B APPENDIX B

ARCHITECTURAL

SP1 SITE PLAN
SP2 SITE DETAILS
SP2.1 SITE DETAILS
SP2.2 BALE AND PALLET STORAGE
A1 FLOOR PLAN
A1.1 FLOOR FINISH PLAN
A2 EXTERIOR ELEVATIONS
A2.1 EXTERIOR DETAILS
A2.2 SIGNAGE
A2.3 ENLARGED EXTERIOR ELEVATIONS
A3 EXTERIOR WALL SECTIONS
A3.1 EXTERIOR WALL SECTIONS
A3.2 EXTERIOR WALL SECTIONS
A3.3 VESTIBULE WALL SECTIONS AND DETAILS
A3.4 EXTERIOR WALL SECTIONS
A3.5 EXTERIOR WALL SECTIONS
A3.6 EXTERIOR WALL SECTIONS
A4 ROOF PLAN
A4.1 ROOF DETAILS
A4.2 ROOF DETAILS
A5 VESTIBULE
A5.1 ENLARGED PLANS
A5.2 ENLARGED PLANS

ARCH CONT

A5.3 ENLARGED GM VESTIBULE
A5.4 ENLARGED GR VESTIBULE
A5.5 VESTIBULE DETAILS
A5.6 TOILET PLANS AND ELEVATIONS
A5.7 TOILET DETAILS AND ELEVATIONS
A6 OFFICE PLAN
A6.1 PARTITION TYPES AND DETAILS
A6.2 INTERIOR WALL SECTIONS
A7 ROOM FINISH SCHEDULE
A8 DOOR SCHEDULE
A8.1 DOOR DETAILS
A8.2 DOOR AND WINDOW DETAILS
A9 MILLWORK
A9.1 DETAILS
GC1 GARDEN CENTER PLANS AND ELEVATIONS
GC2 GARDEN CENTER DETAILS
GC3 GARDEN CENTER FENCE DETAILS
PH1 CONNEXUS PHARMACY
PH1.1 PHARMACY SECTIONS AND DETAILS

GROCERY ARCHITECTURAL

GA1 FRONT GROCERY FLOOR PLAN
GA1.1 REAR GROCERY FLOOR PLAN
GA2 FRONT GROCERY FIXTURE PLAN
GA2.1 REAR GROCERY FIXTURE PLAN
GA3 GROCERY INTERIOR ELEVATIONS
GA4 GROCERY WALL SECTIONS
GA5 GROCERY DETAILS

FOOD SERVICE ARCHITECTURAL

SWA1 SUBWAY FLOOR AND FIXTURE PLANS, AND INTERIOR ELEVATIONS
SWA2 SUBWAY SCHEDULES, SECTIONS, AND DETAILS
SWM1 SUBWAY MECHANICAL PLANS
SWP1 SUBWAY PLUMBING PLANS AND RISERS
SWE1 SUBWAY ELECTRICAL PLANS

STRUCTURAL

S0 GENERAL STRUCTURAL INFORMATION
S1 FOUNDATION PLAN
S1.1 SLAB PLAN
S2 FOUNDATION DETAILS
S2.1 FOUNDATION DETAILS
S3 ROOF FRAMING PLAN
S4 GENERAL SCHEDULE AND DIAGRAMS
S4.1 FRAMING SCHEDULE
S4.2 FRAMING SCHEDULE
S4.3 WIND GIRT DIAGRAMS
S5 FRAMING DETAILS
S5.1 FRAMING DETAILS
S6 GR VESTIBULE PLANS
S6.1 GM VESTIBULE PLANS
S6.2 VESTIBULE DETAILS
S6.3 VESTIBULE DETAILS
S7 CANOPY FOUNDATION AND FRAMING DETAILS

FIRE PROTECTION

FP1 FIRE SITE UTILITY PLAN
FP2 OVERALL FIRE SPRINKLER [illegible]
FP2.1 FIRE SPRINKLER PLAN SYST[illegible]
FP2.2 FIRE SPRINKLER PLAN SYSTE[illegible]
FP2.3 FIRE SPRINK[illegible] SYSTEM
FP2.4 FIRE SPR[illegible]KLER P[illegible]STEM
FP3 FIRE [illegible]TION DE[illegible]
FP3.1 FIRE PR[illegible]TION DET[illegible]
FP3.2 SKID MO[illegible] FIRE PU[illegible]

MECHANIC[illegible]

[illegible] PLUMBING PL[illegible]
[illegible] ENLARGED PL[illegible] PLANS AND RISERS
[illegible] ENLARGED PLUMBING PLANS AND RISERS
P[illegible] PLUMBING SCHEDULES AND DETAILS
M1 HVAC PLAN
M2 ENLARGED HVAC PLANS
M3 MECHANICAL SCHEDULES AND DETAILS
GP1 GROCERY DWV PLAN
GP2 GROCERY DWV RISER
GP3 GROCERY WATER PLAN AND SCHEDULES
GP4 GROCERY WATER RISER AND DETAILS
GV1 GROCERY HVAC PLAN AND DETAILS
R1 FRONT REFRIG PLAN
R2 REAR REFRIG PLAN
R3 REFRIG SCHEDULES
R4 REFRIG SCHEDULES

ELE[illegible]TRICAL

E1 L[illegible]G PLAN
E1.1 ENLARGED LIGHTING PLANS
E1.2 LIGHTING DETAILS AND SITE LIGHTING
E2 POWER PLAN
E2.1 POWER DROP PLAN
E2.2 ENLARGED POWER PLANS
E2.3 ENLARGED POWER PLANS
E2.4 ENLARGED POWER PLANS
E3 ELECTRICAL DETAILS, SYMBOLS, AND SCHEDULES
E4 ONE-LINE DIAGRAM, DETAILS AND SCHEDULES
E4.1 PANELBOARD SCHEDULES
E4.2 PANELBOARD SCHEDULES
E4.3 PANELBOARD SCHEDULES
E4.4 BUSWAY SCHEDULES
EM1 ENERGY MANAGEMENT PLAN
REM1 REFRIG ENERGY MANAGEMENT PLAN
RE1 REFRIG ELECTRICAL PLAN
RE1.1 REFRIG ELECTRICAL PLAN
GE1 ENLARGED GROCERY LIGHTING PLANS
GE2 ENLARGED GROCERY POWER PLANS AND SCHEDULES

BUILDING CODE SUMMARY

1430010-CODE

	NAME OF PROJECT	NASHVILLE NC
	STREET ADDRESS:	1205 EASTERN AVENUE
	PROPOSED USE	RETAIL
APPLICABLE CODES	BUILDING CODE:	2002 NORTH CAROLINA BLDG 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 ACCESSIBILITY 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) - ALLOWS FOR MIXED OCCUPANTS 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 OCCUPANC[illegible] FOR NONSEPARATED USES - FIRE SEPARATIONS ARE NOT REQU[illegible] USES PER SECTION 302.3.1 EXCEPT AS REQUIRED BY OTHER PROVISIONS [illegible] REQUIRED HERE).

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

BUILDING OCCUPANCIES:
M- MERCANTILE-WHOLESALE OR RETAIL [illegible] (MIXED USE) -SECT 3[illegible]
S1- TIRE AREA-TIRE & LUBE EXPRESS [illegible] (MIXED USE) -SECT 31[illegible]
(SERVICES ARE LIMITED TO O[illegible] WITH LUBE, INSTALLATION OF TIRES AND/OR B[illegible]. THERE IS NO FUE[illegible] IS NO EX[illegible] OF PARTS
RECEIVING AN[illegible] STOCK[illegible] STOR[illegible] (MIXED-USE) - -SECT 311.2
INCIDENTAL [illegible]
BREAKROOM [illegible] ACCESSORY TO MAIN USE SECT 302.2
[illegible] (NONSEPARAT[illegible] REQUIRED -SECT 302.3.[illegible]

ALLOWABLE AR[illegible]: [illegible] IS D[illegible] FOR UNLIMITED AREA PER SECTION 507.2 (2003 IBC)
TH[illegible] IS EQ[illegible] OUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND IS [illegible] UNDED [illegible] BY 60 FEET MINIMUM OF PERMANENT OPEN SPACE A[illegible] COMPLIES WITH SECTION 507.2

TYPE [illegible] CONSTRUCTION: TYPE 5B PER [illegible] 602 AND TABLES 601 AND 602 (2003 IBC)

FIRE PROTECTI[illegible]:

[illegible] RESISTANCE RATING REQUIREMENT PER	REQUIRED	PROVIDED
STRUCTURAL FRAME	0 HOUR	0 HOUR
ROOF CONSTRUCTION	0 HOUR	0 HOUR
EXTERIOR BEARING WALLS	0 HOUR	0 HOUR
INTERIOR BEARING WALLS	0 HOUR	0 HOUR
INTERIOR NON BEARING WALLS AND PARTITIONS	0 HOUR	0 HOUR
FLOOR CONSTRUCTION	0 HOUR	0 HOUR

AUTO SERVICE CENTER: NO FIRE SEPARATION REQUIRED BETWEEN AUTO SERVICE CENTERS AND SALES PER 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 2306.3.2.3 OF 2003 INTERNATIONAL FIRE CODE.

NUMBER OF EXIT ACCESS DOORS REQUIRED

THIS BUILDING COMPLIES WITH TABLE 1004.2.1 (2000 IBC). TWO (2) EXITS ARE REQUIRED WHEN THE FOL[illegible]WING OCC[illegible]NT 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) EXISTS ARE REQUIRED

NOTE: MERCANTILE OCCUPANT LOAD EXCEEDS 1,000 - MORE THAN FOUR (4) EXI[illegible] PROVIDED PER 1005.2[illegible]

NOTE: PER 2000 IBC AND 2000 IFC, SECTION 1003.3.1.3.3, HORIZONTAL S[illegible] DOORS ARE PERMITTED TO BE A COMPONENT OF A MEANS OF EGRESS IN ACCORDANCE WITH EXCEPTION #5 OF SECTI[illegible] SECTION 1003.3.1.2. EXCEPTION [illegible] STATES: "IN OTHER THAN H OCCUPANCIES, HORIZONTAL [illegible] DOORS [illegible] BC SECTION 1003.3.1.3.3 SHALL BE PERMITTED IN A MEANS OF EGRESS."

HORIZONTAL SLIDING "WON" DOORS SHOWN [illegible] OCCR [illegible] COMPLY WITH BOTH SECTIONS.
HORIZONTAL SLIDING "WON" DOORS PROVIDE [illegible] PER SE[illegible] 1005.2.3 (BOTH IBC AND IFC)

EXIT ACCESS TRAVEL DISTANCE:
250' [illegible] OCCUPANCY P[illegible] TABLE 1004[illegible] SPRINKLERED BUILDINGS
250' [illegible] OCCUPANCY [illegible] FIRE CODE [illegible] 1004.2.4 [illegible] SPRINKLERED BUILDINGS
NOTE: [illegible] DISTANCE [illegible] ANYW[illegible] THE BUILDING [illegible] EXIT DISCHARGE IS LESS THAN 250'.

COMMO[illegible] OF TRAV[illegible]
[illegible] FOR [illegible] OCCUPANCY PER 2000 IBC (I[illegible] 1004.2.5) FOR SPRINKLERED BUILDINGS.
[illegible] FOR [illegible] OCCUPANCY (STO[illegible]) PER [illegible] AND IFC SECT 1004.2.5 EXCEPTION #2

CORRIDOR FIRE [illegible]ANCE:
CORRIDORS ARE [illegible] REQUIRED TO BE RATED IN SPRINKLERED BUILDINGS FOR 'M' OCCUPANCIES PER 2000 IBC AND IFC TABLE 1004.3.2.1, ([illegible] IS FULLY SPRINKLERED).

OCCUPANCY LOAD FACTORS:

MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT PER 2003 IBC TABLE 1004.1.2	
SALES (MERCANTILE GRADE FLOOR AREAS)	30 GROSS
OUTDOOR SALES (MERCANTILE - GRADE FLOOR AREAS)	30 GROSS
STORAGE (MERCANTILE - STORAGE, STOCK, SHIPPING AREAS)	300 GROSS
TRAINING, BREAK AND DINING ROOMS (ASSEMBLY W/OUT FIXED SEATING)	15 NET
BAKERY AND MEAT PREP AREAS (COMMERCIAL KITCHEN)	200 GROSS
AUTO 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: / **REQUIRED EGRESS WIDTH CALCULATIONS**

AREA	AREA SQ FT.	OCCUPANCY LOAD	WIDTH FACTOR	REQUIRED WIDTHS	WIDTHS PROVIDED	DOOR NUMBERS AND SIZES
				= 32.0 "		
GARDEN CENTER: 501	6 300 S.F./ 30 = 210	OCCUPANTS	X 0.15	= 31.5 "	32 "	501B 1(3'-0") HINGED
					33 "	501C 1(3'-0") HINGED

OCCUPANCY LOAD CALCULATIONS:
OCCUPANCY LOAD = (SQUARE FOOTAGE) / (OCCUPANCY LOAD FACTOR)
OCCUPANCY LOAD FACTOR = REFER TO OCCUPANCY LOAD FACTOR TABLE

REQUIRED EGRESS WIDTH CALCULATIONS
REQUIRED EGRESS WIDTH = (OCCUPANT LOAD) X (EGRESS WIDTH FACTOR)
REQUIRED EGRESS WIDTH IS 0.15 INCH PER OCCUPANT PER 2003 IBC TABLE 1003.2.3

AREA	AREA SQ FT		FACTOR		OCCUPANCY LOAD	WIDTH FACTOR	REQUIRED WIDTHS	WIDTHS PROVIDED	DOOR NUMBERS AND SIZES
SALES COMBINED:	123,624 S.F.			=	4,125 OCCUPANTS		= 619 "	824 " TOTAL	
MAIN SALES AREA	118,946 S.F.	S.F./	30	=	3,965 OCCUPANTS	X 0.15	= 594.8 "	90 "	100L 2(4'0") HINGED
								66 "	100M 2(3'-0") HINGED
GM ENTRY	1,579 S.F.	S.F./	30	=	53 OCCUPANTS	X 0.15	= 8.0 "	129 "	101A (129") HORIZ SLIDER
								129 "	101B (129") HORIZ SLIDER
GR ENTRY	1,194 S.F.	S.F./	30	=	40 OCCUPANTS	X 0.15	= 6.0 "	212 " CLEAR OPEN	GR AT "EAS" PEDESTALS
FRONT 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 926	73 S.F.	S.F./	30	=	3 OCCUPANTS	X 0.15	= 0.5 "	33 "	926E 1(3'0") HINGED
COURTESY DESK CORR DCR 105	84 S.F.	S.F./	30	=	3 OCCUPANTS	X 0.15	= 0.5 "	33 "	105A 1(3'-0") HINGED
HALLWAY 161	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 "	66 "	120E 2(3'-0") HINGED
CORRIDOR 150	210 S.F.	S.F./	30	=	7 OCCUPANTS	X 0.15	= 1.1 "	66 "	150A 2(3'-0") HINGED
STORAGE COMBINED:	17,988 S.F.			=	65 OCCUPANTS		= 10 "	66 " TOTAL	
GM CART STORAGE 104	334 S.F.	S.F./	300	=	2 OCCUPANTS	X 0.15	= 0.3 "		101A (129") HORIZ SLIDER
RETURN STORAGE 106	102 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		
RECEIVING 178	5,751 S.F.	S.F./	300	=	20 OCCUPANTS	X 0.15	= 3.0 "	33 "	178A 1(3'-0") HINGED
STOCKROOM 179	2,850 S.F.	S.F./	300	=	10 OCCUPANTS	X 0.15	= 1.5 "	33 "	179A 1(3'-0") HINGED
LAYAWAY STORAGE 180	2,944 S.F.	S.F./	300	=	10 OCCUPANTS	X 0.15	= 1.5 "		150F (5'-6") HORIZ SLIDER
GR CART STORAGE 118	790 S.F.	S.F./	300	=	3 OCCUPANTS	X 0.15	= 0.5 "		
BAKERY/DELI COOLERS 904/905/907/909	1,055 S.F.	S.F./	300	=	4 OCCUPANTS	X 0.15	= 0.6 "		
GROCERY FREEZER/STOCKRM 914/916/917/920	1,984 S.F.	S.F./	300	=	7 OCCUPANTS	X 0.15	= 1.1 "		
DAIRY COOLER 922	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 2(3-0") HINGED
ANCILLARY COMBINED:	6,786 S.F.			=	118 OCCUPANTS		= 18 "	33 " TOTAL	
UTILITY 912	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 901/902/903/906/908	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 "		OPEN TO SALES
COURTESY DESK 105	195 S.F.	S.F./	100	=	2 OCCUPANTS	X 0.15	= 0.3 "		105A 1(3'-0") HINGED
CASH/COUNTING 107/108	228 S.F.	S.F./	100	=	3 OCCUPANTS	X 0.15	= 0.5 "		
LP OFFICE 119	114 S.F.	S.F./	100	=	2 OCCUPANTS	X 0.15	= 0.3 "		122A 1(3'0") HINGED
PHARMACY 300/301/302	730 S.F.	S.F./	100	=	8 OCCUPANTS	X 0.15	= 1.2 "		300G 1(3'-0") HINGED
TRAIN/MANG/PERSON/CRL 143/172/173/174/175	819 S.F.	S.F./	100	=	9 OCCUPANTS	X 0.15	= 1.4 "		172B 1(3-0") HINGED
BREAKROOM 151	446 S.F.	S.F./	15	=	30 OCCUPANTS	X 0.15	= 4.5 "	33 "	179B 1(3'0") HINGED
SMOKING BREAKROOM 152	204 S.F.	S.F./	15	=	14 OCCUPANTS	X 0.15	= 2.1 "		179B 1(3-0") HINGED
INVOICING 171	156 S.F.	S.F./	100	=	2 OCCUPANTS	X 0.15	= 0.3 "		171B 1(3-0") HINGED
CUSTOMER SERVICE 163	427 S.F.	S.F./	30	=	15 OCCUPANTS	X 0.15	= 2.3 "		OPEN TO SALES
LAYAWAY 168	205 S.F.	S.F./	100	=	3 OCCUPANTS	X 0.15	= 0.5 "		OPEN TO SALES
TENANT AREAS COMBINED:	5,410 S.F.			=	109 OCCUPANTS		= 18 "	66 " TOTAL	
FOOD TENANT AREA									
SEATING 402	1,025 S.F.	S.F./	15	=	69 OCCUPANTS	X 0.15	= 10.4 "	33 "	402A 1(3'0") HINGED
KITCHEN 400/403/404	913 S.F.	S.F./	200	=	5 OCCUPANTS	X 0.15	= 0.8 "		402A 1(3'0") HINGED
STORAGE 401	155 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		402A 1(3'-0") HINGED
HAIR CARE 810/811	891 S.F.	S.F./	100	=	9 OCCUPANTS	X 0.15	= 1.4 "	33 "	810E 1(3-0") HINGED
FUTURE BANK 800	571 S.F.	S.F./	100	=	6 OCCUPANTS	X 0.15	= 0.9 "		OPEN TO SALES
VISION CENTER:									
SALES AREA 700	989 S.F.	S.F./	100	=	10 OCCUPANTS	X 0.15	= 1.5 "		OPEN TO SALES
OFFICE AREA 701 THRU 707	866 S.F.	S.F./	100	=	9 OCCUPANTS	X 0.15	= 1.4 "		OPEN TO SALES
MECHANICAL COMBINED:	999 S.F.			=	8 OCCUPANTS		= "	0 " TOTAL	
GROCERY EDC 911	136 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		911A 1(3'-0") HINGED
EQUIPMENT 100	68 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		100A 1(3'-0") HINGED
MECH/JANITOR 102	56 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		102A 1(3'-0") HINGED
EDC 122	101 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		122A 1(3'-0") HINGED
GARDEN CENTER MECH 127	35 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		127A 1(3'-0") HINGED
SPRINKLER ENCLOSURE 159	190 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		159A 1(3'-0") HINGED
UPC/UPS 153	149 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		153B 1(3-0") HINGED
RECEIVING EDC 154	265 S.F.	S.F./	300	=	1 OCCUPANTS	X 0.15	= 0.2 "		
TOTAL NET FLOOR AREA PER 2000 IBC, SECTION 1002.1=	154,807 S.F.			=	4,425 OCCUPANTS		= 684 " REQUIRED	= 989 " PROVIDED	

ACCESSORY EGRESS WIDTH CALCULATIONS

ACCESSORY SPACES EXITING THROUGH THE PRIMARY SPACES
EXITING COMPLIES WITH 2000 IBC SECTION 1003.2.3

ACCESSORY SPACE	OCCUPANT LOAD	% EXITING THROUGH SALES AREA
BREAKROOM/PERSONEL AREA	66.0	50% = 33.0
STOCKROOM 179 AREA	11.0	50% = 5.5
INVOICE/UPS	3.0	50% = 1.5
CUST. SERV/TOILETS AREA	37.0	50% = 18.5
LAYAWAY STORAGE	10.0	50% = 5.0
RECEIVING 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
FRONT TOILETS	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 = 216		

ACCESSORY LOAD EXITING THROUGH MAIN SALES	=	216
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
	=	824
TOTAL EGRESS WIDTH PROVIDED FROM MAIN SALES		
TOTAL EGRESS WIDTH PROVIDED AT MAIN ENTRANCES	=	470
TOTAL EGRESS WIDTH PROVIDED AT FRONT WALL	=	593

NOTE: ALL AREAS WITH 50% EGRESS EXITING THROUGH THE MAIN SALES ARE PROVIDED WITH SECONDARY MEANS OF EXITING THAT DOES NOT PASS THROUGH THE SALES AREA.

NOTE: BUILDING EGRESS DOES NOT INCLUDE THE GARDEN CENTER AREAS. THE AREA DESIGNATED AS OUTSIDE LIVE GOODS AND OUTSIDE BAG GOODS ARE OPEN TO THE SKY. THERE IS NO ROOF OVERHEAD.

OUTDOOR SALES EGRESS WIDTH REQUIREMENT
OUTDOOR EXITING 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 AUTHORITIES HAVING JURISDICTION (FIRE DEPARTMENT, 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 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. QUESTIONS SHOULD BE DIRECTED TO 1-800-530-9924 OPTION 3

4. THE MAXIMUM STORAGE HEIGHT IS TWELVE FEET EXCEPT ROOM 178, 179, 502, AND 611. STOCKROOM 178 WILL HAVE A STACKING HEIGHT OF 16 FEET. AND STOCKROOM 179, 502, AND 611 WILL HAVE A STACKING HEIGHT OF 15 FEET OF CLASS I-IV 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. 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

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 (2000 IPC) AND CHAPTER 29 (2000 IBC)

USE GROUP	TOTAL OCCUPANCY	WATER CLOSETS		MALE	FEMALE	LAVATORIES		MALE	FEMALE	DRINKING FOUNTAIN
ASSEMBLY A2	119	1 PER	75	0.48	1.11	1 PER	200	0.18	0.42	0.24
BUSINESS	81	1 PER	50	0.49	1.13	1 PER	80	0.30	1.15	0.81
MERCANT.	4370	1 PER	500	2.62	6.12	1 PER	750	1.75	4.08	4.37
STORAGE	65	1 PER	100	0.20	0.46	1 PER	100	0.20	0.46	0.07
	4635									
REQUIRED				3.78	8.82			2.43	6.10	5.48
PROVIDED				4	9			3	7	6

OCCUPANCY TO BE DIVIDED 30% MALE/70% FEMALE

DRINKING FOUNTAINS- 1 PER 100 FOR BUSINESS, ALL OTHERS 1 PER 1000 PER IPC SECTION 410.1 A WATER COOLER MAY BE USED IN LIEU OF A DRINKING FOUNTAIN. 1 WATER COOLER USED IN CALCULATONS

ARCHITECTURAL:	GROCERY ARCHITECT:	FOOD SERVICE ARCHITECTURAL:	FOOD SERVICE MECHANICAL/ELECTRICAL/PLUMBING:	STRUCTURAL:	FIRE PROTECTION:	MECHANICAL:	ELECTRICAL:
SCOTT&GOBLE ARCHITECTS CHRISTOPHER BYRON GOBLE 1437 S. BOULDER, SUITE 800 TULSA, OKLAHOMA 74119-3609	SCOTT&GOBLE ARCHITECTS CHRISTOPHER BYRON GOBLE 1437 S. BOULDER, SUITE 800 TULSA, OKLAHOMA 74119-3609	SCOTT&GOBLE ARCHITECTS CHRISTOPHER BYRON GOBLE 1437 S. BOULDER, SUITE 800 TULSA, OKLAHOMA 74119-3609	PRECISION ENGINEERING GROUP, LLC PETER A. HILGER 1560 E. 21ST STREET TULSA, OKLAHOMA 74114	WALLACE ENGINEERING THOMAS WILLIAM WALLACE 200 EAST BRADY TULSA, OKLAHOMA 74013	HENDERSON ENGINEERS, INC. DUANE S. HENDERSON 8325 LENEXA DRIVE, SUITE 400 LENEXA, KANSAS 66214	HENDERSON ENGINEERS, INC. DUANE S. HENDERSON 8325 LENEXA DRIVE, SUITE 400 LENEXA, KANSAS 66214	HENDERSON ENGINEERS, INC. DAVID D. HAAKE 8325 LENEXA DRIVE, SUITE 400 LENEXA, KANSAS 66214

C010-POR
T092603

Mar 28, 2007 - 3:48pm - USER: nerch
M:\Walmart\Projects\sup-nash4459\nash-143-sgl-nc.dwg

WAL★MART SUPERCENTER — Always Low Prices

Scott&Goble Architects
1437 South Boulder Avenue
Suite 800
Tulsa, Oklahoma 74119-3609
P: 918-587-8600
F: 918-587-8601

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT NASHVILLE, NC CONTEMPORANEOUSLY WITH ITS ISSUE DATE ON 10/02/06 AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

CONSULTANTS

WAL★MART SUPERCENTER
NASHVILLE, NC
STORE NO. 4459
JOB NUMBER: 0620025 PROTO: 143

ISSUE BLOCK

CHECKED BY:	
DRAWN BY:	
FILE NAME:	143-C010
PROTO CYCLE:	072806
DOCUMENT DATE:	100206

BID SET.
NOT FOR
CONSTRUCTION.

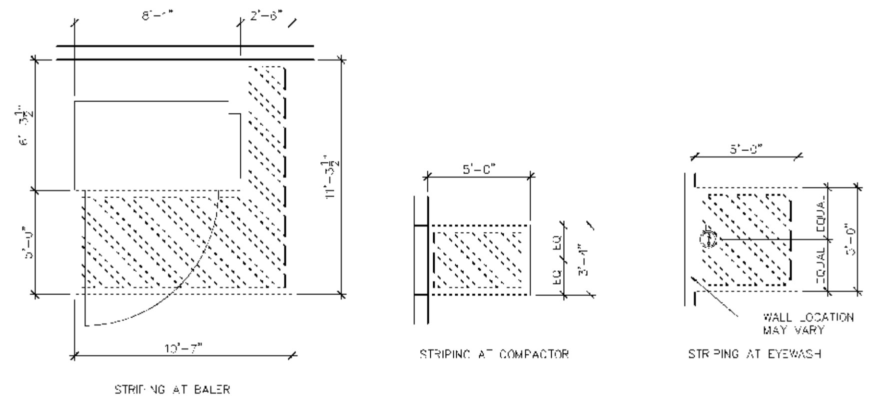
COVER SHEET

SHEET: C1

Order Plans @ www.LDILine.com

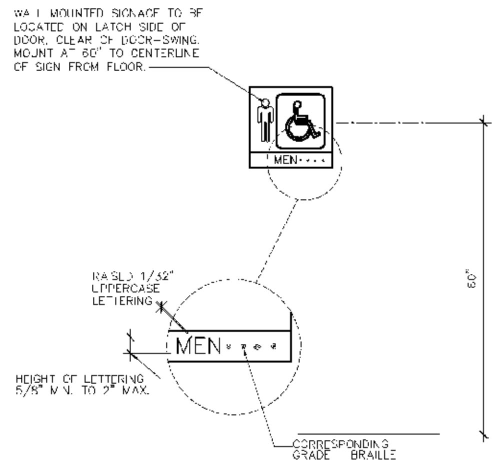
STRIPING CONDITIONS

n010-009



RESTROOM SYMBOLS

n010-010



SIGNS & IDENTIFICATION

1. 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.
2. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL [illegible] A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR [illegible] 15090 IN FEDERAL STANDARD 595B.
3. 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.
4. 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. [illegible] CASE CHARACTERS ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE, THE MINIMUM CHARACTER HEIGHT SHALL BE 3".
5. CHARA[illegible]ND SYM[illegible] CONTRAST WITH THEIR BACKGROUND.
6. [illegible] RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:
   A. [illegible]TERS [illegible] NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SA[illegible] SERIF U[illegible] CASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
   B. [illegible] CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH.
   C. P[illegible]AL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBA[illegible]RIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.
7. 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.
8. 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 60" 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.

SYMBOLS LEGEND

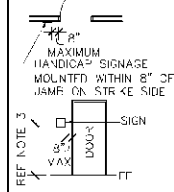
n010-008

Symbol	Description
10.12	KEYNOTE INDICATOR
S301	EQUIPMENT INDICATOR
P3	COLOR INDICATOR
8-A3	FULL AND PARTIAL SECTION INDICATOR
8-A3	EXTERIOR AND INTERIOR ELEVATION INDICATOR
SALES 100	ROOM NAME AND NUMBER
A6	WALL INDICATOR
101 A	DOOR INDICATOR
V	WINDOW INDICATOR
LP TV, W= WALL MOUNTED	TV MONITOR. REFER TO 4/A9.1 FOR BRACKET SUPPORT DETAIL. VERIFY EXACT LOCATION WITH LOSS PREVENTION MANAGER.
A	COLUMN LINE INDICATOR
100'-0" FF EL	HEIGHT ELEVATION INDICATOR
100'-0"	PLAN ELEVATION INDICATOR
5 / A2	ENLARGED DETAIL INDICATOR
5 / A2	DETAIL INDICATOR

1 DETAIL NA[illegible]
SCALE
INTERNAL INFORMAT[illegible]

SIGNAGE LEGEND

n010-001



1. 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.

2. 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.

3. TACTILE SIGNAGE SHALL BE LO[illegible] THE WALL TO THE DOOR'S LATCH SI[illegible] A HEIGHT OF 60" AFF T[illegible] THE BASELI[illegible] OF THE HIGHEST [illegible] CHARACTER. SIGNS MAY BE PLACE[illegible] THE NEAREST ADJACENT WALL WHEN [illegible] IS NO WALL SPACE ON THE LATCH [illegible]
4. C[illegible] SYMBOLS [illegible]NS SHALL BE IN C[illegible] H THEIR [illegible]GROUND AND SHALL [illegible] HELL, M[illegible]R OTHER NON-GLARE [illegible] S OR FI[illegible]
5. [illegible]ESSIBLE SIG[illegible] HALL US[illegible] II [illegible] F AND V[illegible] MPLY WITH ANSI [illegible] SECTION 7[illegible]

PARTITION LEGEND

n010-004

DETAIL: X-XX — SHEET, DETAIL

PLAN: LETTER INDICATES PARTITION TYPE REF PLANS AND SHEET A6.1

12 — NUMBER INDICATES STUD HEIGHT. NO NUMBER INDICATES STUD HEIGHT TO BOTTOM OF ROOF DECK

A3 — NUMBER INDICATES STUD SIZE AS FOLLOWS:

REFERENCE SIDE / OPPOSITE SIDE

1 - 1 5/8" METAL — 6 - 6" METAL
2 - 2 1/2" METAL — 8 - 8" CMU
3 - 3 5/8" METAL — 12 - 12" CMU

- 1 HOUR RATED UL#U465 GYPSUM BOARD AND UL#U905 CMU
- NON RATED WALL
- ACOUSTICAL INSULATION FULL WALL THICKNESS
- CHAIN LINK FENCE
- COOLER/FREEZER
- INDICATE[illegible] H[illegible]CH [illegible]C LAMINATE[illegible] COT [illegible]
- [illegible]CATES [illegible]H PLY[illegible] [illegible]COT ON [illegible]ASE UNO
- IN[illegible]S 24" HIGH PLYWOOD WA[illegible]N 2x8 BASE UNO
- INDICATES WALL COVERING UNO

ABBREVIATION LEGEND

n010-007

GENERAL ABBREVIATIONS

ABBR	DEFINITION
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BFF	BELOW FINISHED FLOOR
BL	BLOCK LINTEL
BLDG	BUILDING
BO	BOTTOM OF
BOS	BOTTOM OF STEEL
BRG	BEARING
CD	CASH DRAWER
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
[illegible]	DIAMETER
[illegible]	ELECTRICAL [illegible]ON CENTER
EI[illegible]	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
[illegible]	ELEVATION
ELEC	ELECTRICAL
[illegible]	EQUAL
[illegible]	EQUIPMENT SUPPLIER
[illegible]	EACH WAY
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	GROCERY
GYP BD	GYPSUM BOARD
H	HEIGHT
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
ICC	INTEGRATED COLORED CONCRETE
INFO	INFORMATION
ISO	ISOLATION
JBE	JOIST BEARING ELEVATION
JST	JOIST
JT	JOINT
KSI	KIPS PER SQUARE INCH
L	LENGTH
LB	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NIC	NOT IN CONTRACT
NO	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
PAF	POWDER ACTUATED FASTENER
PCF	POUNDS PER CUBIC FOOT
PLAM	PLASTIC LAMINATE
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PMEJ	PREMOLDED EXPANSION JOINT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
REF	REFER TO
REINF	REINFORCING
REQD	REQUIRED
REV	REVERSE
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SPECS	SPECIFICATIONS
STRUC	STRUCTURAL
T&B	TOP AND BOTTOM
THK	THICKNESS
TO	TOP OF
TOC/TC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM
TOM	TOP OF MASONRY
TOP/TP	TOP OF PAVING
TOS	TOP OF STEEL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WIDTH

Scott&Goble Architects
1437 South Boulder Avenue
Suite 800
Tulsa, Oklahoma 74119-3609
P: 918-587-8600
F: 918 587 8601

STIPULATION FOR REUSE

THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT NASHVILLE, NC CONTEMPORANEOUSLY WITH ITS ISSUE DATE ON 10/02/08 AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

CONSULTANTS

WAL★MART SUPERCENTER
NASHVILLE, NC
STORE NO. 4459

JOB NUMBER: 0620025 | PROTO: 143

ISSUE BLOCK

CHECKED BY:	
DRAWN BY:	
FILE NAME:	143-N010
PROTO CYCLE:	072808
DOCUMENT DATE:	100208

BID SET. NOT FOR CONSTRUCTION.

GENERAL INFORMATION

SHEET: N1

Order Plans @ www.LDILine.com

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 PLACE ON BOTH SIDES OF THE AISLE.

2. REFER TO DRAWING FOR DEPARTMENT BACKSTOCK LOCATIONS. WAL MART STORE MANAGEMENT TO LABEL ALL STOCKROOM RACKS PRIOR TO DELIVERY OF MERCHANDISE.

3. INSTALL RACK FLUSH WITH COLUMN. TRIM WIRE DECK TURNDOWN AS NECESSARY.

4. RACK INSTALLER TO VERIFY, PRIOR TO RACK INSTALLATION, THAT THE CLEAR HEIGHT ABOVE ALL RACKS, INDICATED ON THE PLAN, IS A MINIMUM OF 4'-6". NOTIFY THE RACK VENDOR IF THIS CLEARANCE CANNOT BE MAINTAINED.

FLY TRAP LEGEND

BASED ON NUMBER OF TRAPS RECEIVED, QUANTITY INDICATES IF STORE IS ON THE STANDARD OR ENHANCED FLY CONTROL PROGRAM

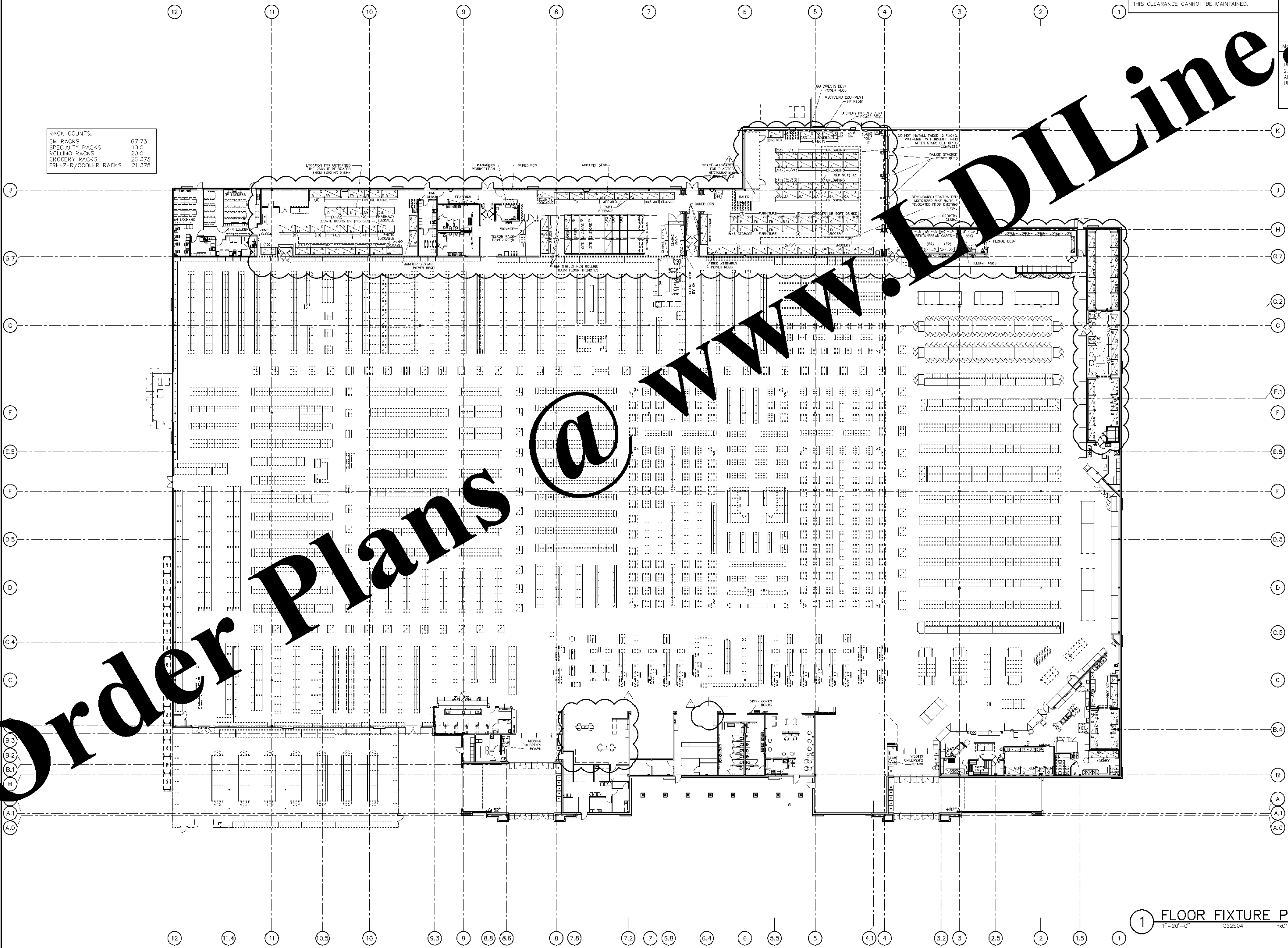
TYPE	STANDARD/ ENHANCED	TOTAL(A,B,C+E)
A/AE	6 / 0	6
B/BE	4 / 0	4
C/CE	4 / 2	6
TOTAL	14 / 2	[illegible]
ACTRON MODEL#: AG-969	ACTRON MODEL [illegible]	MODEL [illegible]-85
A	B	[illegible]
AE-ENHANCED	BE-ENHANCED	[illegible]-ENHANCED

NOTES:

1. INSTALL TOP OF UNITS 72" ABOVE FLOOR UNLESS NOTED OTHERWISE
2. PLUG UNITS INTO RECEPTACLES INSTALLED 96" ABOVE FLOOR AT LOCATIONS SHOWN ON PLAN UNLESS NOTED OTHERWISE

RACK COUNTS:

GM RACKS	67.75
SPECIALTY RACKS	10.0
ROLLING RACKS	20.0
GROCERY RACKS	25.375
FREEZER/COOLER RACKS	21.375



1 FLOOR FIXTURE PLAN
1"=20'-0"

Order Plans @ www.LDILine.com

Scott&Goble Architects
1437 South Boulder Avenue
Suite 800
Tulsa, Oklahoma 74119-3609
P: 918-587-8600
F: 918 587 8601

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT NASHVILLE, NC CONTEMPORANEOUSLY WITH ITS ISSUE DATE ON 10/02/06 AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR "EXAMPLE" ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

CONSULTANTS

WAL★MART
SUPERCENTER
NASHVILLE, NC
STORE NO. 4459

JOB NUMBER: 0620025 | PROTO: 143

ISSUE BLOCK

1	010307	REV#2

CHECKED BY:	
DRAWN BY:	
FILE NAME:	143-FX010
PROTO CYCLE:	072806
DOCUMENT DATE:	100206

BID SET.
NOT FOR
CONSTRUCTION.

FIXTURE PLAN (NOT IN BID SET)

SHEET: FX1

APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Wal-Mart Supercenter #4459 Nashville, NC
Address: 1205 Eastern Ave
Proposed Use: Retail Sales - wholesale showroom
Owner or Authorized Agent: Wal-Mart Real Estate Business Trust Phone # (479) 273-4000
Owned By: ☐ City/County ☒ Private ☐ State
Code Enforcement Jurisdiction: ☐ City ☒ County: Nashville

LEAD DESIGN PROFESSIONAL: Christopher Byron Goble

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #
Architectural	Scott&Goble Architects	Christopher B. Goble	09540	(918) 587-8600
Civil	Stocks Engineering	Paul D. Smith	19837	(919) 269-0009
Electrical	Henderson Engineers	David Haake	028602	(913) 307-5300
Fire Alarm	Henderson Engineers	Duane Henderson	19143	(913) 307-5300
Plumbing	Henderson Engineers	Duane Henderson	19143	(913) 307-5300
Mechanical	Henderson Engineers	Duane Henderson	19143	(913) 307-5300
Sprinkler-Standpipe	Henderson Engineers	Duane Henderson	19143	(913) 307-5300
Structural	Wallace Structural Consultants	Tom Wallace	13282	(918) 584-8692
Retaining Walls >				( )
Other				( )

YEAR EDITION OF CODE: 2002 NC State Building Code
☒ New Construction ☐ Renovation (Existing Bldg) ☐ Upfit ☐ Alteration

BUILDING DATA
Construction Type: ☐ I-A ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☒ V-B
Mixed construction: ☐ No ☐ Yes Types ______
Sprinklers: ☐ No ☒ Yes ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ☒ No ☐ Yes Class ☐ I ☐ II ☐ III ☐ Wet ☐ Dry
Fire District: ☒ No ☐ Yes
Building Height: varies (reference elevations) Feet 1 Number of Stories ☐ Unlimited per 507.2
Mezzanine: ☒ No ☐ Yes
High Rise: ☒ No ☐ Yes Central Reference Sheet # (if provided)
Gross Building Area:

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
6th Floor			
5th Floor			
4th Floor			
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor		153,430	153,430
Basement			
TOTAL		153,430	153,430

ALLOWABLE AREA

Primary Occupancy: ☐ Assembly ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
☐ Business ☐ Educational ☐ Factory-Industrial ☐ F-1 ☐ F-2
☐ High-Hazard ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
☐ Institutional ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 Use Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☒ Mercantile ☐ Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
☐ Storage ☐ S-1 ☐ S-2 ☐ High-piled
☐ Utility and Miscellaneous Parking Garage ☐ Open ☐ Enclosed ☐ Repair
Secondary Occupancy: N/A
Special Occupancy: ☐ 508.2 ☐ 508.3 ☐ 508.4 ☐ 508.5 ☐ 508.6 ☐ 508.7 ☐ 508.8
Mixed Occupancy: ☒ No ☐ Yes Separation: _____ Hr. Exception: ______

☐ Non-Separated Mixed Occupancy (302.3.2)
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

☐ Separated Mixed Occupancy (302.3.3) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of Occupancy A / *Allowable Area of Occupancy A* + *Actual Area of Occupancy B* / *Allowable Area of Occupancy B* ≤ 1

______ + ______ + ... = ______ ≤ 1.00

[1] Open space area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = (F)
b. Total Building Perimeter = ______ (P)
c. Ratio (F/P) = ______ (F/P)
d. W = Minimum width of public way = ______ (W)
e. Percent of frontage increase $I_f = 100\,[F/P - 0.25] \times W/30$ = (%)

[2] The sprinkler increase per Section 506.3 is as follows:
a. Multi-story building I_s = 200 percent
b. Single story building I_s = 300 percent

[3] Unlimited area applicable under conditions of Sections Group B, F, M, S, A-4 (507.1, 507.2, 507.3, 507.5); Group A motion picture (507.8); Malls (402.6); and H-2 aircraft paint hangers (507.6).
[4] Maximum Building Area = total number of stories in the building x E but not greater than 3 x E
[5] The maximum area of parking garages must comply with 406.3.5. The maximum area of air traffic control towers must comply with 412.1.2.

ALLOWABLE HEIGHT

Type of Construction	Type 5B		Type 5B	
Building Height in Feet	Feet varies ref. A2	Feet = H + 20' = varies		
Building Height in Stories	Stories 1	Stories 1 + 2	Stories 1	

FIRE PROTECTION REQUIREMENTS

Life Safety Plan Sheet #, if Provided

Structural frame, including columns, girders, trusses	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bearing walls	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exterior	N/A	N/A	N/A	N/A	N/A	N/A	N/A
North	N/A	N/A	N/A	N/A	N/A	N/A	N/A
East	N/A	N/A	N/A	N/A	N/A	N/A	N/A
West	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Interior	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nonbearing walls and partitions Exterior	N/A	N/A	N/A	N/A	N/A	[illegible]	[illegible]
North	N/A	N/A	N/A	N/A	N/A	[illegible]	[illegible]
East	N/A	N/A	N/A	N/A	N/A	[illegible]	N/A
West	N/A	N/A	N/A	N/A	N/A	[illegible]	N/A
South	N/A	N/A	N/A	N/A	N/A	[illegible]	N/A
Interior	N/A	N/A	N/A	N/A	N/A	[illegible]	N/A
Floor construction Including supporting beams and joists	N/A	N/A	[illegible]	N/A	N/A	N/A	N/A
Roof construction Including supporting beams and joists	N/A	N/A	N/A	[illegible]	N/A	N/A	N/A
Shafts - Exit	N/A	HR				N/A	N/A
Shafts - Other	N/A	HR				N/A	N/A
Corridor Separation	[illegible]	[illegible]	N/A	[illegible]	N/A	N/A	N/A
Occupancy Separation	[illegible]	[illegible]	N/A	N/A	N/A	N/A	N/A
Party/Fire Wall [illegible]	N/A	[illegible]	N/A	N/A	N/A	N/A	N/A
Smoke [illegible] Separation	[illegible]	[illegible]	N/A	N/A	N/A	N/A	N/A
T[illegible] Separation	[illegible]	[illegible]	N/A	N/A	N/A	N/A	N/A

[illegible] section number per[illegible] reduction

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ☐ No ☒ Yes
Exit Signs: ☐ No ☒ Yes
Fire Alarm: ☐ No ☒ Yes
Smoke Detection Systems: ☐ No ☒ Yes
Panic Hardware: ☐ No ☒ Yes

EXIT REQUIREMENTS

NUMBER AND ARRANGEMENT OF EXITS

MAIN SALES	4 MIN.	[illegible]	[illegible]	250'	<250'	4	RE: PLANS

[1] Corridor dead ends (Section [illegible]3.2.5)
[2] Single exits (Table 1005.2[illegible])
[3] Common Path of [illegible]vel (Se[illegible]004.2.5)

EXIT WIDTH

Indoor Sales (Main Auto)	150,107	30	N/A	0.15	N/A	752"	N/A	961"
Storage	20,77	300	N/A	0.15	N/A	14"	N/A	452"
Ancillary (Incl. Garden Center Indoor Sales)	22,904	15 (Training), 30 (Sales), 200 (Kitchen), 100 (Office)	N/A	0.15	N/A	94"	N/A	963"
Tenant Areas	6,517	15 (Dining), 30 (Sales), 200 (Kitchen), 100 (Office)	N/A	0.15	N/A	39"	N/A	117"
Garden Center (Outdoor Sales)	9,316	30	N/A	0.15	N/A	48"	N/A	132"

[1] See Table 1003.2.2.2 to determine whether net or gross area is applicable
See definition "Area, Gross" and "Area, Net" (Section 1002)
[2] Minimum stairway width (Section 1003.3.3); min. corridor width (Section 1004.3.2.2); min. door width (Section 1003.3.1)
[3] Minimum width of exit passageway (Section 1005.3.3)
[4] See Section 1003.2.2.7 for converging exits
[5] The loss of one means of egress shall not reduce the available capacity to less than 50 percent of the total required (Section 1003.2.3)
[6] Assembly occupancies (Section 1008)

STRUCTURAL DESIGN
DESIGN LOADS:

Importance Factors: Wind (I_w) 1.0
Snow (I_s) 1.1
Seismic (I_E) 1.25

Live Loads: Roof 20 psf
Mezzanine N/A psf
Floor 100 psf

Snow Load: 15 psf (P_g)

Wind Load: Basic Wind Speed 100 mph (ASCE-7-98)
Exposure Category C
Wind Pressure on Walls (for MWFRS) 21.96 psf

SEISMIC DESIGN CATEGORY A
Compliance with Section 1616.4 only? ☐ Yes ☒ No

SEISMIC DESIGN CATEGORY B, C, & D
Provide the following Seismic Design Parameters:
Seismic Use Group II
Spectral Response Acceleration S_{MS} 0.290 S_{M1} 0.214
Site Classification ______
Basic structural system (check one)
____ Bearing Wall ____ Dual w/Special Mo[illegible] Frame
_X_ Building Frame ____ Dual w/Int[illegible] R/C or Special Steel
Moment Frame Inverted [illegible]
Seismic base shear (ASD) V_X = [illegible] V_Y = 0.057
Analysis Proced[illegible] ____ [illegible] _X_ [illegible]alent Lateral Force ____ Modal
Architectur[illegible]ical, Compo[illegible]nts an[illegible] [illegible]ired

LATERAL DESIGN CON[illegible] [illegible]on specific compo[illegible] building being analyzed

SOIL BEARING CA[illegible]
Field Test ([illegible]de copy [illegible]eport) [illegible]nce Geotechnical Report psf
P[illegible]mptiv[illegible] [illegible]ring capa[illegible] [illegible]00 psf (Gross)
[illegible], ty[illegible] capacity N/A

[illegible]LUMBING FIXTURE REQUIREMENTS

Merch[illegible]	4	12	5	9	9	N/A	3	

ACCESSIBLE PARKING

TOTAL				

SPECIAL A[illegible]PROVALS

Special approv[illegible] [illegible]cal Ju[illegible] [illegible]rtment of Insurance, SBCCI, ICC, etc., describe below)

ENERGY SUMMARY

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 energy cost budget method, state the annual energy cost budget vs allowable annual energy cost budget.

THERMAL ENVELOPE

Method of Compliance:
☐ Prescriptive ☒ Performance ☐ Energy Cost Budget

Roof/ceiling Assembly (each assembly)
Description of assembly: Insulation and metal deck over steel joists
U-Value of total assembly: .0538
R-Value of insulation: 17.2
Skylights in each assembly: 229
U-Value of skylight: .71
total square footage of skylights in each assembly: 6210 sqft

Exterior Walls (each assembly)
Description of assembly: CMU with integral insulation
U-Value of total assembly: .350
R-Value of insulation: 5
Openings (windows or doors with glazing): 672 sqft
U-Value of assembly: .67
shading coefficient: .66
projection factor: N/A
low e required, if applicable: 1.5
Door R-Values: 7.0

Walls adjacent to unconditioned space (each assembly)
Description of assembly: 8" CMU
U-Value of total assembly: 0.481
R-Value of insulation: 0
Openings (windows or doors with glazing): 0 sqft
U-Value of assembly
Low e required, if applicable
Door R-Values: 7.0

Walls below grade (each assembly)
Description of assembly: N/A
U-Value of total assembly: N/A
R-Value of insulation: N/A

Floors over unconditioned space (each assembly)
Description of assembly: N/A
U-Value of total assembly: N/A
R-Value of insulation: N/A

Floors slab on grade
Description of assembly: 4" reinforced slab
U-Value of total assembly: .167
R-Value of insulation: N/A
Horizontal/vertical requirement
slab heated: No

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:
☒ Prescriptive ☐ Performance ☐ Energy Cost Budget

Lighting schedule
lamp type required in fixture — **SEE ELECTRICAL DRAWINGS SHEET E1.2**
number of lamps in fixture — **FOR LIGHT FIXTURE SCHEDULE**
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs allowed: **244,750 W SPECIFIED / 321,676 W ALLOWED**
total exterior wattage specified vs allowed: **7,811W SPECIFIED / 32,096 W ALLOWED**

Equipment schedules with motors (not used for mechanical systems)
motor horsepower
number of phases
minimum efficiency
motor type
\# of poles

Motor HP	Phases	Min Eff	Type	Poles
10 HP (Compactor)	3	86.5%	Single speed polyphase	4
10 HP (Baler)	3	86.5%	Single speed polyphase	4
10 HP (Air Compressor)	3	86.5%	Single speed polyphase	4
3HP (Meat Saw)	3	79.0%	Single speed polyphase	2
1.5HP (Seafood Disposal)	3	80.0%	Single speed polyphase	4

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Method of Compliance
☒ Prescriptive ☐ Energy Cost Budget

Thermal Zone
winter dry bulb: 18°F
summer dry bulb: 92°F

Interior design conditions
winter dry bulb: 76°F
summer dry bulb: 76°F
relative humidity: 50%

Building heating load: **1655 Mbtu/H**

Building cooling load: **262 Tons**
Mechanical Spacing Conditioning System

Unitary	Nominal Size	EER	Heat Out (MBH)	Cool Out
description of unit				
heating efficiency	3 ton	13.2	60	36
cooling efficiency	5 ton	12.6	100	60
heat output of unit	10 ton	10.8	188	120
cooling output of unit	20 ton	10.8	376	240

Total boiler output. If oversized, state reason. — Total Installed Heat Load 11520 MBH in – 9,216 MBH out
Total chiller capacity. If oversized, state reason. — Total Installed Cool Load 290 tons

List equipment efficiencies

Equipment schedules with motors (mechanical systems)
motor horsepower
number of phases — SEE ELECTRICAL DRAWINGS
minimum efficiency — FOR SCHEDULED MOTOR INFORMATION
motor type
\# of poles

Scott&Goble Architects
1437 South Boulder Avenue
Suite 800
Tulsa, Oklahoma 74119-3609
P: 918-587-8600
F: 918 587 8601

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT NASHVILLE, NC CONTEMPORANEOUSLY WITH ITS ISSUE DATE ON 10/02/06 AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

CONSULTANTS

WAL★MART
SUPERCENTER
NASHVILLE, NC
STORE NO. 4459
JOB NUMBER: 0620025 PROTO: 143

ISSUE BLOCK

CHECKED BY:	
DRAWN BY:	
FILE NAME:	143-APPB
PROTO CYCLE:	072806
DOCUMENT DATE:	100206

BID SET.
NOT FOR
CONSTRUCTION.

APPENDIX B SHEET

SHEET: APP B

Mar 23, 2007 – 4:04pm – LSFR notch
M:\Walmart\Projects\sup-nash4459\nash-143-sgl-nc[illegible].dwg

Order Plans @ www.LDIline.com