

APPLICABLE CODES: NORTH CAROLINA BUILDING CODE - 2012
NORTH CAROLINA MECHANICAL CODE - 2012
NORTH CAROLINA ELECTRICAL CODE - 2011
NORTH CAROLINA PLUMBING CODE - 2012
NORTH CAROLINA ENERGY CODE - 2012
NORTH CAROLINA FIRE PREVENTION CODE - 2012
ANSI ACCESSIBILITY CODE - 2009

OCCUPANCY LOAD BREAKDOWN: SALES AREA: 9,134 SQUARE FEET = 304
NON-SALES AREA: 1,908 SQUARE FEET = 6
TOTAL = 310

REQUIRED EXITS: NUMBER OF EXITS REQUIRED: 2 NUMBER OF EXITS PROVIDED: 3

MAX TRAVEL DISTANCE: 250 FEET ALLOWABLE

RESTROOM REQUIREMENTS: WATER CLOSETS: 1 REQUIRED FOR MALE, 1 REQUIRED FOR FEMALE
LAVATORIES: 1 REQUIRED FOR MALE, 1 REQUIRED FOR FEMALE
URINALS: N/A
DRINKING FOUNTAINS: 2 SHALL BE PROVIDED (H/L/O)
PUBLIC ACCESS: NO
UNISEX IS PERMITTED: NO

FIRE AREA: 11,042 SQFT

GENERAL NOTES:
① 44" CLEAR EGRESS PATH SHOWN HATCHED
② (N) ILLUMINATED EXIT SIGN - REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
③ FIRE EXTINGUISHER - REFER TO PLUMBING SPECIFICATIONS FOR REQUIREMENTS
④ WHEELCHAIR TURNING SPACE: 5'-0" DIAMETER CLEAR CIRCLE OR T-SHAPED TURNING CLEARANCE
⑤ ACCESSIBLE MANEUVERING CLEARANCE INCLUDING PUSH/PULL CLEARANCE AT DOOR AND LANDING SPACE
⑥ EMERGENCY LIGHT FIXTURE WITH BATTERY BACKUP - REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
⑦ TACTILE EGRESS SIGNAGE - REFER TO DETAIL H/A00.4
⑧ TACTILE ACCESSIBILITY SIGNAGE - REFER TO DETAIL H/A00.4
⑨ 24"x48" MIN. ACCESSIBLE FITTING ROOM BENCH TO BE SECURELY FASTENED TO WALL
⑩ 36" WIDE CLEAR ACCESSIBLE TRANSACTION SPACE AT 34" MAX A.F.F.
⑪

LIFE SAFETY LEGEND:
1-HOUR FIRE BARRIER (N)
2-HOUR FIRE BARRIER (N)
EGRESS EXIT
EXIT TRAVEL DISTANCE
EXIT LOAD

EXIT LOAD CALCULATION:
EXIT 1A - MALL EGRESS
139.5' CLEAR
139.5' / 2 = 698 PERSONS MAXIMUM
ACTUAL LOAD = 104
EXIT 1B - MALL EGRESS
115.5' CLEAR
115.5' / 2 = 578 PERSONS MAXIMUM
ACTUAL LOAD = 103
EXIT 2 - MALL EGRESS
36" CLEAR
36" / 2 = 180 PERSONS MAXIMUM
ACTUAL LOAD = 103

EXIT WIDTH CALCULATION:
EXIT 1A - MALL EGRESS
104 PERSONS EXITING
104 X 2 = 20.8'
ACTUAL WIDTH = 139.5'
EXIT 1B - MALL EGRESS
103 PERSONS EXITING
103 X 2 = 20.6'
ACTUAL WIDTH = 115.5'
EXIT 2 - MALL EGRESS
103 PERSONS EXITING
103 X 2 = 20.6'
ACTUAL WIDTH = 36"

NOTE: EXIT WIDTH NEVER TO BE LESS THAN 32" AS MEASURED PER IBC 1008.1.1

LIFE SAFETY / ACCESSIBILITY PLAN NOTES AND CALCULATIONS

