



OCCUPANCY CALCULATION

Theater Space

FIXED SEATS (NFPA Table 7.3.1.2)	280
WAITING AREA 206 Sq ft / 3 sq ft per person [NFPA 101, 12.1.7.2 (2)]	68
ASSEMBLY USE Without Fixed Seating (NFPA Table 7.3.1.2) 223 Sq ft / 7 sq ft per person	31
TOTAL OCCUPANCY	379

EGRESS CAPACITY VERIFICATION

Clear width per seat.
 $0.22" \times 379$ occupants 88.38"
 [NFPA New Assembly
 Table 12.2.3.2 Capacity Factors]

Width provided by (3)
 egress points. $(3) \times 72"$ 216"

12.2.3.6.2 (2)
 In assembly occupancies the main
 entrance / exit shall be of a width
 that accomodates one-half of the
 total occupant load.
 $88.38" / 2 = 44.19" < 72"$ provided.

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PROJECT: **Waynflete Arts Center, Phase Two**
 Waynflete School, Portland, Maine

TITLE: **WAYNFLETE ARTS CENTER OCCUPANCY CALCULATIONS**

SCALE: 1/8" = 1'-0"

DATE: December 22, 2008

PROJECT NO. 2003-0040

360 Spring / Storer 061 Foo3 Setting

CSK-50

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