A5 OCCUPANCY LOAD DIAGRAM - FIRST FLOOR & MEZZANINE

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

LOCAL CASE STUDY DATA:

* SPACE GALLERY: CAPACITY: 300 STANDING / 130 SEATED

  MEN'S ROOM HAS (1) TOILET, (1) URINAL
  WOMEN'S ROOM HAS (2) TOILETS

* PORTLAND COMPANY: 300 PERSON CAPACITY

  MEN'S ROOM HAS (1) TOILET, (1) URINAL
  WOMEN'S ROOM HAS (2) TOILETS

PROPOSED FINAL FIXTURE COUNT FOR GLOBAL STUDIOS:

OCCUPANT LOAD BASIS: 179 OCCUPANTS (90 MEN / 89 FEMALES)

PROPOSED FIXTURES CONFIGURATION (1):

TOTAL MEN'S TOILETS: (1)
TOTAL MEN'S URINALS: (1)
TOTAL MEN'S LAVATORIES (1)

TOTAL WOMEN'S TOILETS: (3)
TOTAL WOMEN'S LAVATORIES (3)

OCCUPANT LOAD BASIS: 179 OCCUPANTS (90 MEN / 89 FEMALES)

PROPOSED FIXTURES CONFIGURATION (2):

TOTAL MEN'S TOILETS: (2)
TOTAL MEN'S URINALS: (1)
TOTAL MEN'S LAVATORIES (2)

TOTAL WOMEN'S TOILETS: (2)
TOTAL WOMEN'S LAVATORIES (2)

E2 LOCAL CASE STUDY INFORMATION

REFERENCED FROM: SCALE: N/A

OCCUPANCY CALCULATIONS FOR KITCHEN 110 SIDE OF FACILITY

	SPACE	OCCUPANCY CLASSIFICATION	AREA	CALCULATED OL 15 NET	CALCULATED OL 100 GROSS	ACTUAL DAILY STAFF AND PRODUCTION WORK	ACTUAL EVENT OL
	KITCHEN 110	ASSEMBLY A-3	1,134 SF	76 PEOPLE		30 PEOPLE	50 PEOPLE
	BUSINESS USE AREAS (103, 104, 110, 111)	BUSINESS	1092 SF		12 PEOPLE		
		SUB-TOTALS	2,226 SF	76 PEOPLE	12 PEOPLE	30 PEOPLE	50 PEOPLE
	TOTALS		2,226 SF	88 PEOPLE		30 PEOPLE	50 PEOPLE

	MAINE STATE INTERNAL PLUMBING CODE	INTERNATIONAL PLUMBING CODE 2009	MAINE STATE INTERNAL PLUMBING CODE	INTERNATIONAL PLUMBING CODE 2009	MAINE STATE INTERNAL PLUMBING CODE	INTERNATIONAL PLUMBING CODE 2009	
	CALCULATED TOTAL O.L. = 85 PEOPLE		ACTUAL DAILY STAFF AND PRODUCTION TOTAL O.L. = 30 PEOPLE		ACTUAL EVENT TOTAL O.L. = 50 PEOPLE		
FIXTURE	50% MALE / 50% FEMALE CONVERSION 43 MALES / 42 FEMALES		50% MALE / 50% FEMALE CONVERSION 15 MALES / 15 FEMALES		50% MALE / 50% FEMALE CONVERSION 25 MALES / 25 FEMALES		PROPOSED
MALE TOILETS	1	1	1	1	1	1	1
MALE URINALS	1	0	0	0	1	0	0
MALE LAVATORIES	1	1	1	1	1	1	1
FEMALE TOILETS	3	1	1	1	3	1	1
FEMALE LAVATORIES	1	1	1	1	1	1	1
DRINKING FOUNTAINS	1	1	1	1	1	1	0

* THERE ARE NO PROPOSED ALTERATIONS TO THE EXISTING TOILET ROOMS ON THE KITCHEN 110 SIDE OF THE FACILITY.
** ACCESS TO BOTTLED WATER WILL BE PROVIDED.

E4 OCCUPANCY LOAD CALCULATIONS TABLE & PLUMBING FIXTURE CALCULATIONS: KITCHEN 110 AREA

REFERENCED FROM: SCALE: N/A

OCCUPANCY CALCULATIONS FOR STUDIO 112 SIDE OF FACILITY

	SPACE	OCCUPANCY CLASSIFICATION	AREA	CALCULATED OL 15 NET	CALCULATED OL 100 GROSS	ACTUAL DAILY STAFF AND PRODUCTION WORK	ACTUAL EVENT OL
	STUDIO 112	ASSEMBLY A-3	2304 SF	154 PEOPLE		27 PEOPLE	150 PEOPLE
	BUSINESS USE AREAS (114, 115, 116)	BUSINESS	2040 SF		21 PEOPLE		
	BUSINESS USE AREAS (MEZZANINE 202)	BUSINESS	424 SF		4 PEOPLE	3 PEOPLE	
		SUB-TOTALS	4,768 SF	154 PEOPLE	25 PEOPLE	30 PEOPLE	150 PEOPLE
	TOTALS		4,768 SF	179 PEOPLE		30 PEOPLE	150 PEOPLE

	MAINE STATE INTERNAL PLUMBING CODE	INTERNATIONAL PLUMBING CODE 2009	MAINE STATE INTERNAL PLUMBING CODE	INTERNATIONAL PLUMBING CODE 2009	MAINE STATE INTERNAL PLUMBING CODE	INTERNATIONAL PLUMBING CODE 2009	
	CALCULATED TOTAL O.L. = 179 PEOPLE		ACTUAL DAILY STAFF AND PRODUCTION TOTAL O.L. = 30 PEOPLE		ACTUAL EVENT TOTAL O.L. = 153 PEOPLE		
FIXTURE	50% MALE / 50% FEMALE CONVERSION 90 MALES / 89 FEMALES		50% MALE / 50% FEMALE CONVERSION 15 MALES / 15 FEMALES		50% MALE / 50% FEMALE CONVERSION 77 MALES / 76 FEMALES		PROPOSED
MALE TOILETS	1	1	1	1	1	1	1
MALE URINALS	1	0	1	0	1	0	1
MALE LAVATORIES	1	1	1	1	1	1	1
FEMALE TOILETS	4	2	3	1	4	2	1
FEMALE LAVATORIES	1	1	1	1	1	1	1
DRINKING FOUNTAINS	1	1	1	1	1	1	0

* THE EXISTING TOILET ROOM WILL BE REMOVED SUCH AS TO PROVIDE TWO NEW H/C COMPLIANT TOILET ROOM SPACES FOR THE FACILITY.
** ACCESS TO BOTTLED WATER WILL BE PROVIDED.

E5 OCCUPANCY LOAD CALCULATIONS TABLE & PLUMBING FIXTURE CALCULATIONS: STUDIO 112 AREA

REFERENCED FROM: SCALE: N/A

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 03/09/15

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OCCUPANCY LOAD DIAGRAMS AND CALCULATION TABLES
CWS PROJ. NO.: 13424

DATE

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