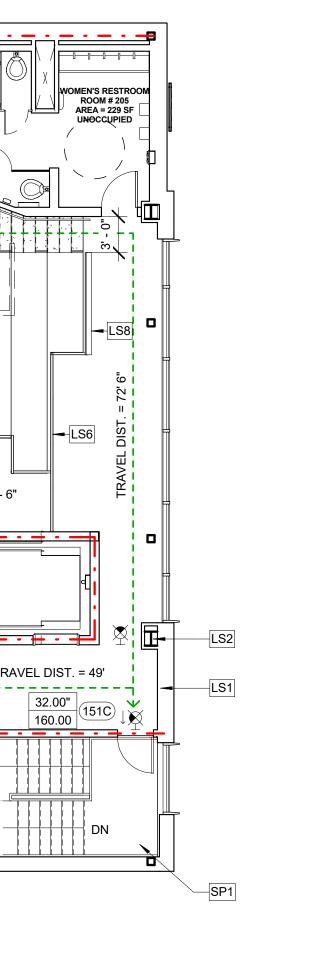


NET AREA SCHE	DULE		
BUILDING LEVEL	NET AREA		
NEW BASEMENT	2242		
LOWER BASEMENT	1100		
BASEMENT	1699		
UPPER BASEMENT	2755		
LOADING LEVEL	143		
BASEMENT ENTRY	376		
FIRST FLOOR	6557		
STAGE	2465		
BALCONY	1252		
UPPER BALCONY	3233		
	21822		



1/8" = 1'-0"	LOWER BALCONY CODE PL
G8	LOWER BALCONY CODE PL

	MALE	FEMALE	MALE	MALE	FEMALE	MALE	FEMALE
OCCUPANT LOAD	OCCUP.	OCCUP.	WCS	URINALS	WCS	LAVS	LAVS
4400 T + 1 O	705	705					
1469 Total Occupants	735	735					
Staff Plumbing Fixtures Required:	16	16					
WC = 2: 16-35 Male / 3: 16-35 Female			2		3		
Urinal = 1: 10-50				1			
Lav = 1 per 40						1	1
Public Plumbing Fixtures Required:	719	719					
WC = 3: 201-400 + 1/addit. 500 male			4				
WC = 11: 201-400 + 1/addit. 125 Female					14		
Urinal = 4: 401-600 + 1/addit. 300				5			
Lav = 3: 401-750						3	3
Total Plumbing Fixtures Required			6	6	17	4	4
Plumbing Fixtures Provided:			7	11	19	9	12

G1 BALCONY CODE PLAN

1/8" = 1'-0"

EGRESS DOOR CAPACITY					
DOOR NAME	WIDTH	CLEAR WIDTH	WIDTH/OCCUPANT	CAPACITY	E
001	42"	37 1/2"	.2"	185	NEW BA
005	72"	68"	.2"	340	LOWER
101	42"	37 1/2"	.2"	185	BASEME
103	36"	32"	.2"	160	UPPER E
105	91"	87"	.2"	435	LOADING
109	36"	32"	.2"	160	BASEME
150B	36"	32"	.2"	160	FIRST FL
151	42"	37 1/2"	.2"	185	STAGE
153	44"	40"	.2"	200	BALCON
TOTAL	440"	403.5	.2"	2,017 OCCUPANTS	UPPER E

FIRE SUPPRESSION SYSTEM LEGEND:

EXISTING WET PIPE SPRINKLER RISER

**CODE REVIEW LEGEND:** 

EXISTING WALL TO REMAIN

•••••

XX'-XX"

0.00"

<del>-</del>(101)

SMOKE PARTITION

1-HR RATED WALL

2-HR RATED WALL

EGRESS PATHS / TRAVEL DISTANCE

DOOR NUMBER

KEYNOTES:

DOOR CLEAR WIDTH

DOOR EXIT CAPACITY

FIRE EXTINGUISHER CABINET

LS6 26" GUARD RAIL

LS7 36" GUARD RAIL

LS8 42" GUARD RAIL

LS10 LINE OF SOFFIT ABOVE

CONCEALED SPACE

LS1 1HR SFRM ON ALL BEAMS BETWEEN

COLUMN LINES C.3 AND D ALONG GRID 5

LS2 1HR SFRM ON COLUMN 5-C.3 FROM SLAB TO

LS9 42" MIN DIAGONALLY FROM TOP OF RAIL TO

SPRINKLER HEADS ON CONCEALED PIPING

NOSING OF NEAREST TREAD

PROVIDE CONCEALED SIDEWALL

SP9 PROVIDE SPRINKLER COVERAGE IN THIS

LS3 1HR SFRM ON COLUM 4-D FROM SLAB TO

WALL MOUNTED EXIT SIGN

CEILING MOUNTED EXIT SIGN

**NEW WALL** 

⇒ FDC FIRE DEPARTMENT CONNECTION

—SP— SPRINKLER PIPE DESIGNATION

## **GENERAL FIRE SUPPRESSION SYSTEM NOTES:**

1. MODIFY EXISTING WET SYSTEM SPRINKLER SYSTEM AS REQUIRED FOR NEW RENOVATIONS. EXTEND EXISTING MAINS, BRANCHES, AS REQUIRED FOR NEW WORK. PROVIDE NEW PIPING MAINS, AND BRANCHES AS REQUIRED FOR NEW WORK. REMOVE ANY EXISTING ABANDONED PIPING NO LONGER IN SERVICE. COORDINATE LOCATION OF ALL NEW PIPING AND EXISTING PIPING WITH ALL NEW WORK AND WITH ALL OTHER TRADES FOR FUNCTIONAL AND AESTHETIC APPEARANCE (EXPOSED LOCATIONS), PRIOR TO INSTALLATION FOR NEW MAINS, BRANCHES, AND HEADS.

2. SPRINKLER PIPING MAINS NOT PERMITTED IN ELEVATOR MACHINE ROOMS & ELEVATOR SHAFTS.

3. ALL SPRINKLER WORK SHALL BE IN ACCORDANCE WITH NFPA 13, STATE OF MAINE FIRE MARSHAL'S OFFICE, AND LOCAL AUTHORITY HAVING JURISDICTION.

4. SPRINKLER CONTRACTOR TO COORDINATE WITH LOCAL WATER COMPANY AND PROVIDE HYDRANT FLOW TEST PRIOR TO COMMENCEMENT OF ANY WORK, TO CONFIRM EXISTING WATER SUPPLY HYDRAULIC DATA, AND INCORPORATE DATA WITHIN THE SPRINKLER CALCULATIONS AND DESIGN, IN ACCORDANCE WITH NFPA 13.

5. DO NOT INSTALL SPRINKLER PIPING OVER ELECTRICAL SWITCHGEAR AND IN FRONT OF ACCESSIBLE JUNCTION BOXES. COORDINATE REQUIRED CLEARANCES FOR ACCESS AND SERVICE OF ALL ELECTRICAL SWITCH GEAR WITH ELECTRICAL CONTRACTOR.

6. COORDINATE REQUIRED CLEARANCES FOR ACCESS AND SERVICE OF ALL HVAC AND PLUMBING EQUIPMENT WITH MECHANICAL CONTRACTOR.

TRAYS. COORDINATE LOCATIONS OF CABLE TRAYS WITH ELECTRICAL CONTRACTOR.

7. PROVIDE SPRINKLER COVERAGE OVER ALL CABLE

8. ALL SPRINKLER HEADS TO BE INSTALLED IN THE CENTER OF ACOUSTICAL CEILING TILES.

9. PROVIDE SIDEWALL SPRAY SPRINKLER HEAD AT BOTTOM OF ELEVATOR HOISTWAY NOT MORE THAN 24" ABOVE ELEVATOR PIT FLOOR.

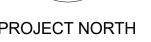
10. KITCHEN EXHAUST HOOD PROTECTED BY WET CHEMICAL EXTINGUISHING SYSTEM FURNISHED UNDER DIVISION 23.

11. PROVIDE DRY PENDENT HEADS @ WALK-IN COOLERS & FREEZERS.

12. COORDINATE SPRINKLER PIPING AND HEADS WITH ALL DUCTWORK.

0 ISSUED FOR CONSTRUCTION 06 JUNE 2016 DESCRIPTION







DATE

ARCHITECTS ENGINEERS BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-828-4511

**ASYLUM** 

CODE REVIEW BALCONY PLAN AND CALCULATIONS

WBRC CAD FILE: C:\Users\jocelyn.boot PROJECT No. 4071.10

SCALE: As indicated PROJECT MANAGER: JRB

DRAWN BY: JRB CHECKED BY: JET/MEJ