

NOT USED

CODE COMPLIANCE REPORT

DIALYSIS CLINIC FITUP: SOUTHERN MAINE DIALYSIS
FOR FRESENIUS MEDICAL CARE
PORTLAND, MAINE - #1190

IBC AND LIFE SAFETY CODES REVIEW

1.0 CODES REVIEW

DESCRIPTION OF BUILDING'S FUNCTION AND PROGRAM:

THE PROJECT CONSISTS OF THE EXPANSION WITHIN AN EXISTING BUILDING SHELL SOUTHERN MAINE DIALYSIS CENTER ON 1600 CONGRESS STREET IN PORTLAND, MAINE.

1.0.A OCCUPANT CLASSIFICATION(S):

IBC 2009:
USE AND OCCUPANCY CLASSIFICATION: USE GROUP B - BUSINESS (AMBULATORY HEALTHCARE)

NFPA 101 - 2009:
CHAPTER 20, "NEW AMBULATORY HEALTH CARE OCCUPANCY"

1.0.B BUILDING HEIGHT AND AREA LIMITATIONS:

THE EXISTING SINGLE STORY BUILDING SHELL IS CONSTRUCTED OF TYPE II CONSTRUCTION MATERIALS AND IS A TOTAL OF 20,000 S.F. THIS PROJECT ENTAILS AN INTERIOR FIT UP OF 3480 S.F. AND WILL NOT IMPACT THE OVERALL BUILDING'S HEIGHT AND AREA.

1.0.C TYPE OF CONSTRUCTION:

IBC 2009: TYPE II(B)
NFPA 220: TYPE II, 000

THE BUILDING CONSISTS OF THE FOLLOWING ASSEMBLIES:

STRUCTURAL SYSTEM:
STEEL-FRAMED BUILDING WITH BEAMS AND BAR JOISTS.

EXTERIOR WALLS:
BRICK; VENEER ON METAL STUD

INTERIOR WALLS:
METAL STUD STUD FRAMING
BATT INSULATION
5/8" GYPSUM WALLBOARD THROUGHOUT.

1.0.D REQUIRED FIRE RESISTANCE RATINGS OF APPLICABLE STRUCTURE ELEMENTS:

IBC 2009 - CHAPTER 6, TABLE 601:

ELEMENT:

STRUCTURAL FRAME - INCL. COLUMNS, GIRDERS, TRUSSES 0 HR

BEARING WALLS
EXTERIOR 0 HRS
INTERIOR 0 HRS

NONBEARING WALLS AND PARTITIONS
EXTERIOR (REF. TABLE 602; > 35') 0 HRS

NONBEARING WALLS AND PARTITIONS
INTERIOR 0 HRS

FLOOR CONSTRUCTION - INCL. SUPPORTING BEAMS AND JOISTS 0 HRS

ROOF CONSTRUCTION - INCL. SUPPORTING BEAMS AND JOISTS 0 HRS

1.0.E MEANS OF EGRESS:

IBC 2009 - CHAPTER 10, TABLE 1004.1.1,
NFPA 101 - CHAPTER 7, TABLE 7.3.1.2:

OCCUPANT LOAD:

IBC 2009: BUSINESS AREAS: 100 GROSS S.F. / PER OCCUPANT
NFPA 101: NEW AMBULATORY HEALTH CARE OCCUPANCY: 100 S.F. / PER OCCUPANT

RENOVATED AREA OCCUPANT LOAD @ 3,480 S.F. = 35 PEOPLE

ACTUAL COUNT WILL FALL BETWEEN 10 AND 15 PEOPLE.

MINIMUM NUMBER OF EXITS:

IBC 2009 - CHAPTER 10, SECTIONS 1021.1 & 1007.1:
TWO EXITS ARE REQUIRED.

NFPA 101 - CHAPTER 20, SECTION 20.2.4:
TWO EXITS ARE REQUIRED.

EGRESS COMPONENTS:

EXIT ACCESS CORRIDORS:

WIDTH 36/44 INCHES CLEAR

DOORS:
WIDTH 32 INCHES CLEAR

EGRESS ARRANGEMENT:

IBC 2009 - USE GROUP B - BUSINESS (AMBULATORY HEALTHCARE) W/FULL SPRINKLER SYSTEM:
DEAD-END CORRIDOR (1018.4) 50 FT
COMMON PATH OF TRAVEL (1014.3) 75 FT
EXIT ACCESS TRAVEL DISTANCE (TABLE 1016.1) 200 FT

NFPA 101 - NEW AMBULATORY HEALTH CARE OCCUPANCY W/FULL SPRINKLER SYSTEM:
CHAPTER 20, SECTION 20.2.5

DEAD-END CORRIDOR (38.2.5.2.1) 50 FT
COMMON PATH OF TRAVEL (38.2.5.3.1) 100 FT
TRAVEL DISTANCE TO AN EXIT (38.2.6.2) 200 FT

1.0.F EMERGENCY LIGHTING AND ESSENTIAL ELECTRICAL SYSTEMS:

NFPA 101 - CHAPTER 20, SECTION 20.2.9.1:
EMERGENCY LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 7.9.

IBC 2009 - CHAPTER 10, SECTION 1006.1:
EMERGENCY LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH 1006.1.

THE CURRENT FMC TENANT SPACE IS SERVED BY A BACK-UP GENERATOR. IT IS THE INTENT OF THIS PROJECT TO EXTEND THE GENERATOR'S COVERAGE INTO THIS EXPANSION AREA.

1.0.G INTERIOR FINISH SYSTEM:

IBC 2009 - CHAPTER 8, TABLE 803.9, AND SECTION 804,
NFPA 101 - CHAPTER 38, SECTION 38.3.3 (REFERENCED FROM 20.3.3) AND SECTION 10.2:

WALL AND CEILING FINISHES: NFPA IBC
VERTICAL EXITS: CLASS A, B CLASS A, B
EXIT ACCESS CORRIDORS: CLASS A, B CLASS A, B, C
ALL OTHER SPACES: CLASS A, B OR C CLASS A, B, C

FLOOR FINISHES: NO REQUIREMENTS CLASS I OR II
EXIT CORRIDORS

1.0.H DETECTION, ALARM, AND COMMUNICATIONS:

IBC 2009 - CHAPTER 9, SECTION 903.2.2,
NFPA 101 - CHAPTER 20, SECTION 20.3.4:

THE EXISTING FIRE ALARM SYSTEM DEVICES WILL BE CHANGED TO ADDRESSABLE DEVICES WITHIN THE EXPANSION AREA. NEW DEVICES WILL BE PROVIDED AS REQUIRED BY CODE.

1.0.I CORRIDORS:

IBC 2009 - CHAPTER 10, SECTION 1018,
NFPA 101 - CHAPTER 20, SECTION 20.3.6:

THE CORRIDORS WITHIN THE FACILITY ARE NOT REQUIRED TO BE FIRE PARTITIONS DUE TO THE BUILDING CONTAINING AN APPROVED, AUTOMATIC SPRINKLER SYSTEM THROUGHOUT. THEY MUST RESIST THE PASSAGE OF SMOKE.

1.0.J SUBDIVISION OF BUILDING SPACE:

IBC 2009 - CHAPTER 4, SECTION 422.1,
NFPA 101 - CHAPTER 20, SECTION 20.3.7:

SMOKE BARRIERS WILL BE REQUIRED FOR THIS FACILITY DUE TO THE TOTAL AREA OF THE FACILITY BEING GREATER THAN 10,000 SQUARE FEET. TWO SMOKE COMPARTMENTS WILL BE CREATED.

1.0.K EXTINGUISHING REQUIREMENTS:

IBC 2009 - CHAPTER 9, SECTION 906.1:
PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED AT LOCATIONS REQUIRED BY THE INTERNATIONAL FIRE CODE.

NFPA 101 - CHAPTER 20, SECTION 20.3.5:
PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH 9.7.4.1 AND NFPA 10.

NFPA 10, TABLE 5.2.1:
FIRE EXTINGUISHERS SHALL BE PROVIDED SUCH THAT THE MAXIMUM TRAVEL DISTANCE TO AN EXTINGUISHER IS 75'.

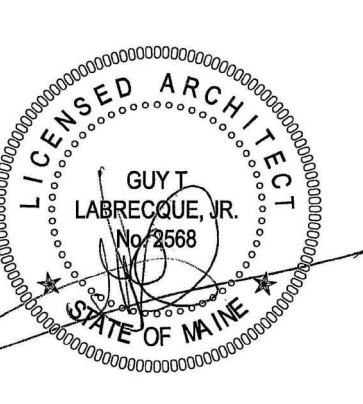
END OF CODE COMPLIANCE REPORT

MASTER SYMBOLS LEGEND

	BUILDING SECTION		ELEVATION LEVEL/CONTROL POINT		PARTITION TAG; REFERENCE PARTITION SCHEDULE AND LEGEND FOR ADDITIONAL INFORMATION
	WALL SECTION		REMOVALS NOTE/TOILET ACCESSORIES NOTE		EXISTING WALL/PARTITION TO REMAIN
	INTERIOR ELEVATION		SPECIFIC NEW WORK NOTE		NEW WALL/PARTITION
	EXTERIOR ELEVATION		REVISION		INDICATES FIRE RATED WALL ASSEMBLY. REFERENCE PARTITION SCHEDULE AND LIFE SAFETY PLAN.
	DETAIL CALLOUT		WINDOW TYPE		SEMI-RECESSED FIRE EXTINGUISHER CABINET
	COLUMN GRID		DOOR TAG (NON-FIRE RATED)		WALL MOUNTED FIRE EXTINGUISHER
			DOOR TAG (FIRE RATED)		WALL MOUNTED TV
			ROOM TAG		CORNER GUARDS

CODE COMPLIANCE REPORT & SYMBOLS LEGEND

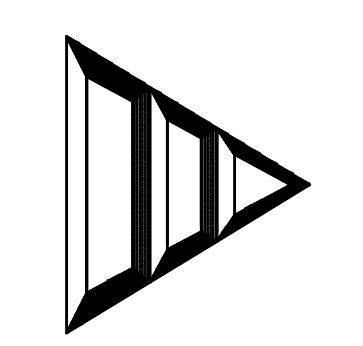
SCALE: AS NOTED



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Date Drawn: 03/06/12
Project #: CWS# 11418

REV #	DATE	REVISION DESCRIPTION

T1.1
Sheet Number

3/14/2012 9:02 AM