

CONSTRUCTION DOCUMENTS

MAYO CLINIC HEALTH SYSTEM CENTER FOR ADVANCED MEDICINE & SURGERY BUILDING ADDITION AND ALTERATIONS

700 West Avenue South, La Crosse, WI 54601

Kahler Slater Project Number: 217050
07/10/2018

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Revisions	
Date	Description

CONSTRUCTION DOCUMENTS

Drawing Date
07/10/2018

MAYO CLINIC HEALTH SYSTEM CENTER FOR ADVANCED MEDICINE & SURGERY BUILDING ADDITION AND ALTERATIONS

700 West Avenue South, La Crosse, WI 54601

Project No. MCHS
217050

Sheet Title
COVER SHEET

STRUCTURAL ENGINEERING:
IMEG CORPORATION
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LANDSCAPE ARCHITECTURE:
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CIVIL ENGINEERING:
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ARCHITECTURE:
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Sheet No.
G000

CODE INFORMATION SUMMARY

IBC ALTERATION: LEVEL 2 IBC ADDITION			
PROJECT AREA:			
		LOWER LEVEL ALTERATION	12,300 SF
		LOWER LEVEL ADDITION	4,100 SF
FIRE PROTECTION:			
FULLY SPRINKLERED AUTOMATIC SPRINKLER SYSTEM: FIRE ALARM SYSTEM: STANDPIPE SYSTEM:		YES YES YES	NFPA 13 NFPA 72 NFPA 14
OCCUPANCY:			
OCCUPANCY CLASSIFICATION:		I-2: INSTITUTIONAL EXISTING HEALTH CARE NEW HEALTH CARE 394	IBC 304.1 NFPA 101 B.1.5.1
CALCULATED NUMBER OF OCCUPANTS - LOWER LEVEL:			
CONSTRUCTION CLASSIFICATION:			
CONSTRUCTION TYPE:		TYPE 1A (IBC 2015), TYPE I/332 (NFPA 220)	IBC 602.2
SMOKE/FIRE COMPARTMENT SUMMARY:			
MAXIMUM AREA OF EACH SMOKE COMPARTMENT ACTUAL AREA		22,550 SF REFER TO SMOKE COMPARTMENT PLAN	Ch. 19, NFPA 101, IBC 407.5
MAXIMUM TRAVEL DISTANCES			
		IEBC/IBC (NOTE: UNDERLINED REQUIREMENT IS THE MORE RESTRICTIVE)	NFPA 101
COMMON PATH OF TRAVEL		<u>75'</u> (IBC 1014.3)	100' (TABLE A7.6)
EXIT ACCESS TRAVEL DISTANCE		300' (TABLE 1016.1)	<u>200'</u> (TABLE A7.6)
DEAD END CORRIDORS - NEW - WORK AREA IN EXISTING BUILDING		50' (IEBC 705.6 EXCEPTION 4)	<u>30'</u> (TABLE A7.6)
DEAD END CORRIDORS - EXISTING - IN WORK AREA		<u>70'-0"</u> (IEBC 705.6 EXCEPTION 3)	<u>30'</u> (TABLE A7.6)

FIRE/SMOKE RESISTANCE	IBC 2009 TABLE 601 AND NFPA 220 TABLE 4.1.1
ITEM	FIRE RATING
PRIMARY STRUCTURE	3 HOURS
STRUCTURE (NOT PRIMARY) - SUPPORTING ROOF ONLY	2 HOUR
EXTERIOR BEARING WALLS	3 HOURS
INTERIOR BEARING WALLS	3 HOURS
INTERIOR BEARING WALLS SUPPORTING ROOF ONLY	2 HOUR
EXTERIOR NON-BEARING WALLS SEPARATION >30'-0"	0 HOURS
INTERIOR NON-BEARING WALLS	0 HOURS
FLOOR CONSTRUCTION	2 HOURS
ROOF CONSTRUCTION	1 1/2 HOURS
MISCELLANEOUS RATINGS (IBC 2009, NFPA 101)	
SHAFT ENCLOSURES	2 HOURS
CORRIDORS	SMOKE PARTITION PER IBC 407.3
VERTICAL EXIT ENCLOSURES	2 HOURS
SMOKE BARRIERS	1 HOUR

AUTHORITIES HAVING JURISDICTION

BUILDING OFFICIAL:
CITY OF LA CROSSE FIRE PREVENTION AND BUILDING SAFETY
400 LA CROSSE ST., 3RD FLOOR
LA CROSSE, WI 54601
608-789-7530

LICENSING AUTHORITY

WISCONSIN DEPARTMENT OF HEALTH SERVICES
DIVISION OF QUALITY ASSURANCE
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819 N. 6TH STREET, ROOM 609B
MILWAUKEE, WI 53703

APPLICABLE CODES, STANDARDS AND ORDINANCES:

WISCONSIN ADMINISTRATIVE CODE, CHAPTERS SPS 360-366, WISCONSIN UNIFORM COMMERCIAL
BUILDING CODE, WHICH INCLUDES:
- 2015 INTERNATIONAL BUILDING CODE (WITH AMENDMENTS)
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE
- 2015 INTERNATIONAL EXISTING BUILDING CODE (WITH AMENDMENTS)
- 2015 INTERNATIONAL FUEL GAS CODE
- 2015 INTERNATIONAL MECHANICAL CODE (WITH AMENDMENTS)

WISCONSIN ADMINISTRATIVE CODE, CHAPTER SPS 314, FIRE PREVENTION WHICH INCLUDES:
- 2009 NFPA 1 FIRE CODE (WITH AMENDMENTS)

WISCONSIN ADMINISTRATIVE CODE, CHAPTERS SPS 382-387, WISCONSIN PLUMBING CODE
WISCONSIN ADMINISTRATIVE CODE, CHAPTER SPS 316, ELECTRICAL WHICH INCLUDES:
- 2011 NFPA 70 NATIONAL ELECTRICAL CODE (WITH AMENDMENTS)

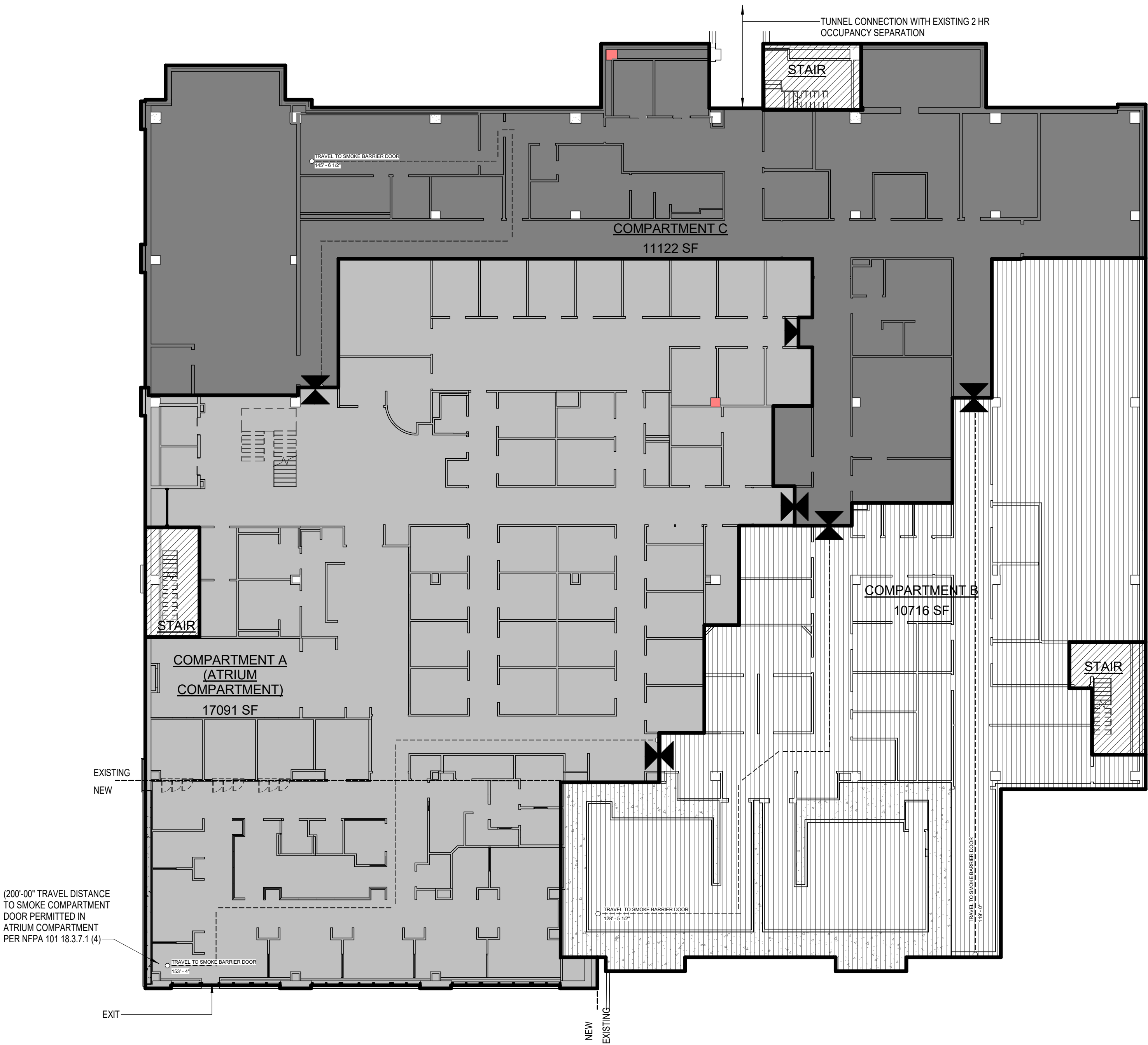
WISCONSIN ADMINISTRATIVE CODE, CHAPTER DHS 124, HOSPITALS &
US CENTERS FOR MEDICARE & MEDICAID SERVICES (CMS)
- 2012 NFPA 101 LIFE SAFETY CODE

DOJ 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

2014 FGI - FACILITY GUIDELINES INSTITUTE

SMOKE COMPARTMENT KEY

- COMPARTMENT A (ATRIUM COMPARTMENT)
- COMPARTMENT B
- COMPARTMENT C
- STAIR



Revisions

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217050

Sheet Title

CODE INFORMATION

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Sheet No.

G100



LIFE SAFETY LEGEND

X

X

SMOKE PARTITION

S

S

SMOKE BARRIER

1

1

1 HOUR FIRE BARRIER

1S

1S

1 HOUR FIRE BARRIER AND SMOKE BARRIER

2

2

2 HOUR FIRE BARRIER

2S

2S

2 HOUR FIRE BARRIER AND SMOKE BARRIER

SUITE ACCESS PATH

▶

SUITE EXIT ACCESS DOOR

EXIT ACCESS CORRIDOR

EXIT STAIR

⬅

MEANS OF EGRESS: EXIT

⬅

MEANS OF EGRESS: EXIT ACCESS

223

36"

MEANS OF EGRESS: OCCUPANT COUNT AND EXIT WIDTH

FEC

FIRE EXTINGUISHER CABINET (FEC)

FE

FIRE EXTINGUISHER (FE)

H

HAZARDOUS ROOM

NOTE:

Life safety plans and diagrams (G100 and G110) are intended to be printed in color as they contain color coded life safety data. Without a color print, information contained on this plan may be missing or misinterpreted.

Revisions

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Sheet Title
LIFE SAFETY PLAN -
LOWER LEVEL

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Sheet No.
G110