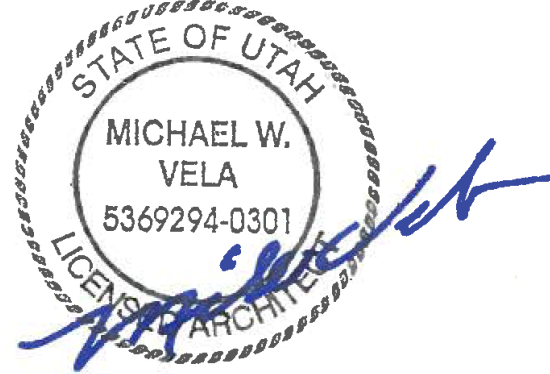
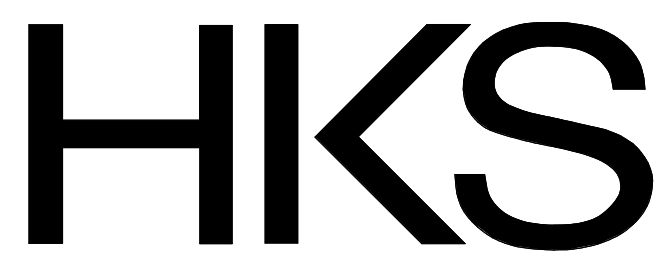


TIMPANOGOS REGIONAL HOSPITAL

MRI RETROFIT

OREM, UTAH



ARCHITECT

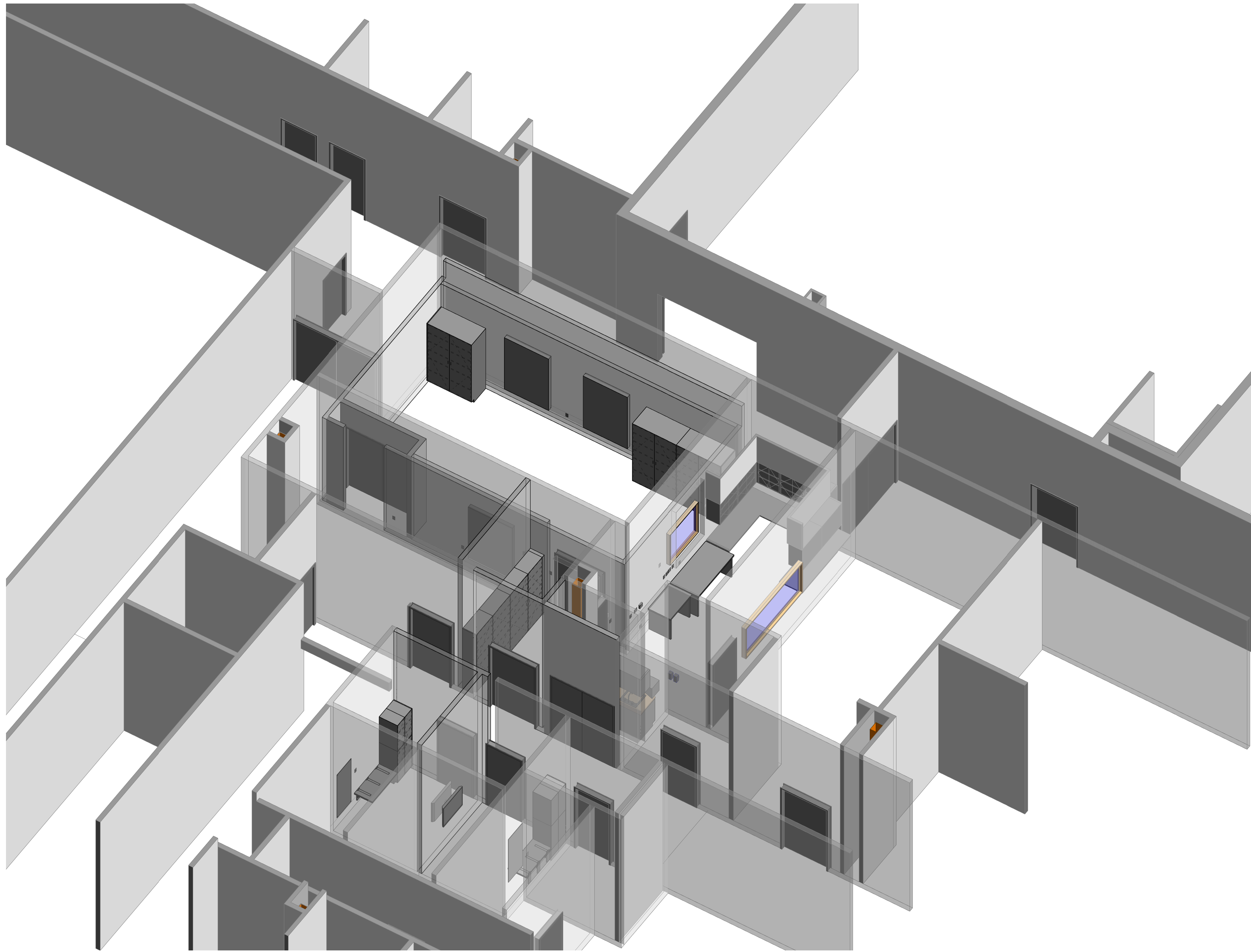
HKS ARCHITECTS, INC.
90 SOUTH 400 WEST, SUITE 110
SALT LAKE CITY, UT 84101

MECHANICAL & PLUMBING ENGINEER

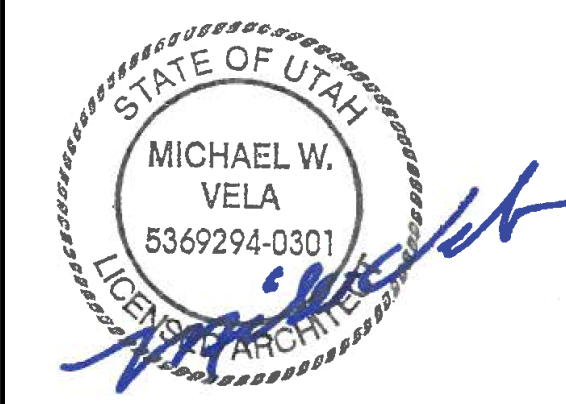
VAN BOERUM & FRANK ASSOCIATES, INC.
330 SOUTH 300 EAST
SALT LAKE CITY, UT 84111

ELECTRICAL ENGINEER

SPECTRUM ENGINEERS
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UT 84111



Construction Documents



BUILDING SUMMARY

PROJECT INFORMATION
PROJECT NAME: TAMPANOGOS REGIONAL HOSPITAL MRI RETROFIT
ADDRESS: 750 WEST 800 NORTH, OREM, UTAH
PROPOSED USE: HOSPITAL
OWNER/CONTACT PERSON: CHUCK WILSON, FACILITIES DIRECTORY 1-801-714-6200
ARCHITECT/CONTACT PERSON: GARY BLAZZARD (HKS ARCHITECTS) 1-801-532-2939

APPLICABLE CODES
-BUILDING CODE: 2018 IBC
-MECHANICAL: 2018 IMC
-PLUMBING: 2018 IPC
-ELECTRICAL: 2014 NEC
-FIRE CODE: 2018 IFC
-LIFE SAFETY CODE: NFPA 101
-ACCESSIBILITY CODE: 2009 ICC/ANSI 117.1
-ENERGY CODE: 2009 IECC
-SIGN CODE: N/A
-FM INSURED: NO

GENERAL BUILDING LIMITATIONS
-AGGREGATE AREA OF:
-HEIGHT OF BUILDING: EXISTING
-NUMBER OF STORES: 4
-MAXIMUM SINGLE FLOOR AREA: EXISTING
-TOTAL AREA OF BUILDING: EXISTING
-PENTHOUSE AND ROOF STRUCTURE: NONE
-HIGH RISE: YES
-PARKING SPACES PROVIDED: EXISTING
-PARKING SPACES REQUIRED: EXISTING
-ACCESSIBLE PARKING SPACES PROVIDED: EXISTING
FIRE PROTECTION SYSTEMS
-FIRE EXTINGUISHING SYSTEM: YES
TYPE: EXISTING
CLASS: EXISTING

Table with columns: ITEM, REQD RATING / HR, U/L/F/M # WHERE APPLICABLE. Rows include exterior walls, structural frame, shafts, floor construction, interior wall, and roof construction.

DRAWING ABBREVIATIONS

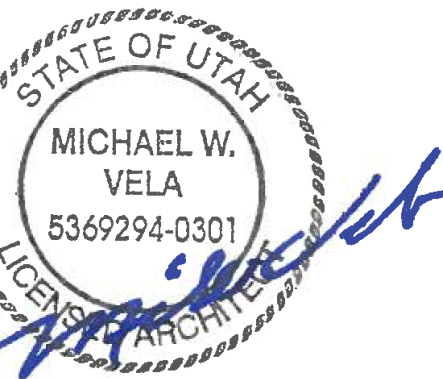
Large table listing drawing abbreviations under categories A through Z, such as ANCHOR BOLT, AREA DRAIN, etc.

LEGEND

Table for LEGEND DRAWING SYMBOLS, listing symbols for various components like MEDICAL GAS, COLUMN CENTERLINE, ACCESSORY, etc.

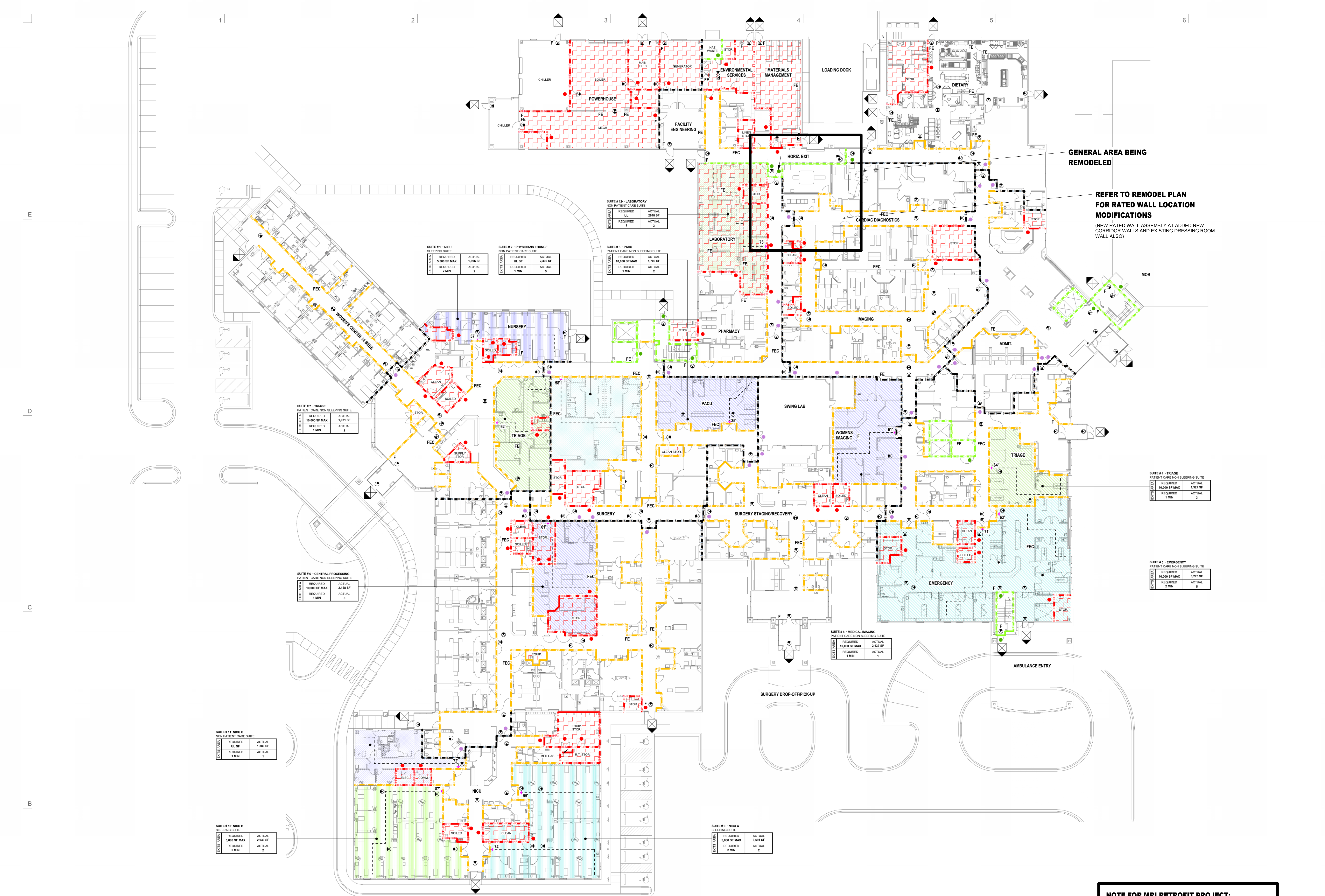
Table for LEGEND MATERIALS, listing materials and their corresponding hatching patterns, such as CONCRETE/PRECAST CONCRETE, SOIL, BRICK, CMU, etc.

TIMPANOGOS REGIONAL HOSPITAL
MRI RETROFIT
Orem, Utah



KEY PLAN

TIMPANOGOS HOSPITAL
Life Safety Drawings
750 W 800 NORTH OREM, UT 84057



GENERAL AREA BEING REMODELED

REFER TO REMODEL PLAN FOR RATED WALL LOCATION MODIFICATIONS
(NEW RATED WALL ASSEMBLY AT ADDED NEW CORRIDOR WALLS AND EXISTING DRESSING ROOM WALL ALSO)

1 LEVEL 01 - LIFE SAFETY PLAN

- NEW HAZARDOUS AREA (NFPA 10.3.2)
- EXISTING HAZARDOUS AREA (NFPA 10.3.2)
- SLEEPING SUITE (NFPA 10.2.5.1)
- PATIENT CARE NON-SLEEPING SUITE (NFPA 10.2.5.2)
- NON-PATIENT CARE SUITE (NFPA 10.2.5.1)
- SMOKE COMPARTMENT (NFPA 10.3.3)

- SYMBOLS
- EXIT SIGN
 - FIRE ALARM STATION
 - FIRE EXTINGUISHER CABINET
 - FIRE EXTINGUISHER
 - FIRE PULL STATION
 - PATH OF TRAVEL TO EXIT ACCESS DOORWAY
 - EXIT

- RATED WALL LEGEND
- SMOKE PARTITION (CORRIDOR): AN ENCLOSED EXIT ACCESS COMPONENT THAT PROVIDES A PATH OF TRAVEL TO AN EXIT.
 - WALL CONSTRUCTION: NON-FIRE-RESISTIVE RATED, "RESISTS THE UNMITIGATED MOVEMENT OF SMOKE"
 - DAMPER: SMOKE (BC)
 - DOORS: LIMIT THE TRANSFER OF SMOKE, POSITIVE LATCHING

- SMOKE BARRIER WALLS
- SUBGRADE FLOOR INTO SMOKE COMPARTMENTS, RESISTS FIRE AND SMOKE SPREAD (22.000)
 - WALL CONSTRUCTION: 1-HR FIRE-RESISTANCE RATING
 - DAMPER: FIRE SMOKE (LSC AND BC)
 - DOORS: 20 MIN RATED (LSC AND BC)

- FIRE BARRIER WALLS (1-HR)
- SEPARATE HAZARDOUS AREAS FROM ALL OTHER AREAS AND SPACES
 - WALL CONSTRUCTION: 1-HR FIRE-RESISTANCE RATING
 - DAMPER: FIRE (BC)
 - DOORS: 15 MIN RATED (LSC AND BC)

- FIRE BARRIER WALLS (2-HR)
- SEPARATE HAZARDOUS AREAS FROM ALL OTHER AREAS AND SPACES
 - WALL CONSTRUCTION: 2-HR FIRE-RESISTANCE RATING
 - DAMPER: FIRE (BC)
 - DOORS: 60 MIN RATED (LSC AND BC)

NOTE FOR MRI RETROFIT PROJECT:
DRAWING IS FROM OWNER'S RECORD
NO MODIFICATIONS ARE BEING MADE TO BOUNDARY WALL LAYOUTS, OTHER THAN THOSE NOTED ON THE REMODEL PLAN
NO CHANGES ARE BEING MADE TO THE EGRESS PATHS, OR EGRESS LOADS

EXISTING HEALTHCARE

NEXUS PROJECT #: 16053
CHECKED BY: GB
DRAWN BY: TK
DATE: 08/22/16

OVERALL LIFE SAFETY PLAN LEVEL 01

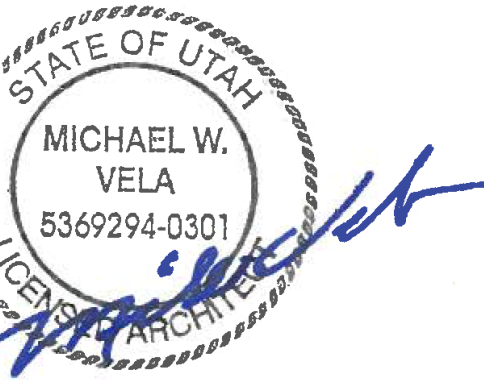
LS01

REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
23798.000
DATE
03/23/20
ISSUE
CONSTRUCTION DOCUMENTS
SHEET TITLE
LIFE SAFETY PLAN

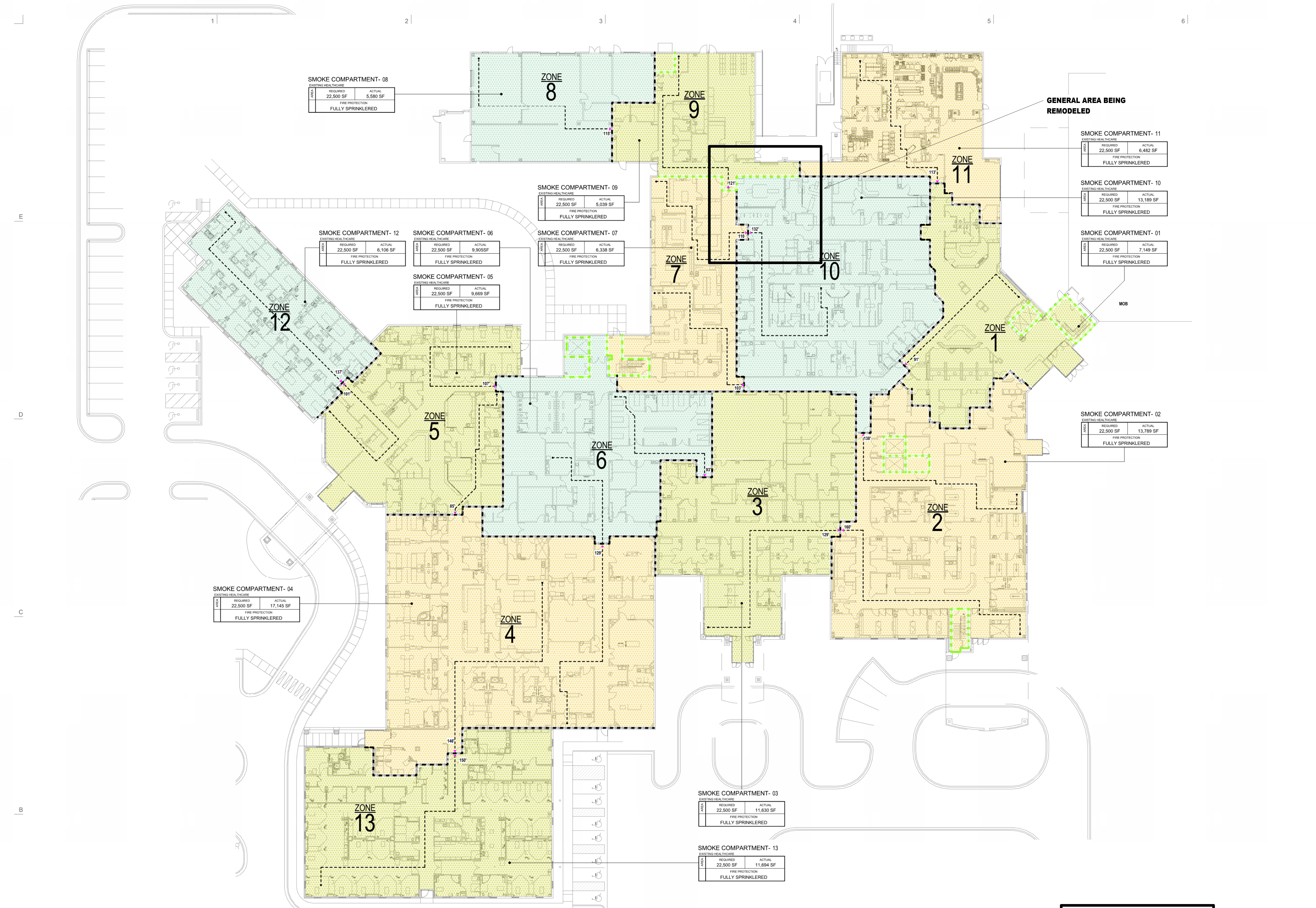
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**TIMPANOGOS REGIONAL HOSPITAL
MRI RETROFIT
Orem, Utah**



KEY PLAN

**TIMPANOGOS HOSPITAL
Life Safety Drawings
750 W 800 NORTH OREM, UT 84057**



1 LEVEL 01 - SMOKE COMPARTMENT PLAN

- NEW HAZARDOUS AREA
NFPA 19.2.1
- EXISTING HAZARDOUS AREA
NFPA 19.2.1
- SLEEPING SUITE
NFPA 19.2.5.7
- PATIENT CARE NON-SLEEPING SUITE
NFPA 19.2.5.7
- NON-PATIENT CARE SUITE
NFPA 19.2.5.7
- SMOKE COMPARTMENT
NFPA 19.3.7

- SYMBOLS**
- EXIT SIGN
 - FIRE ALARM STATION
 - FIRE EXTINGUISHER CABINET
 - FIRE EXTINGUISHER
 - FIRE PULL STATION
 - PATH OF TRAVEL TO EXIT
 - ACCESS DOORWAY
 - EXIT

- RATED WALL LEGEND**
- SMOKE PARTITION CORRIDOR:**
AN ENCLOSED EXIT ACCESS COMPONENT THAT PROVIDES A PATH OF TRAVEL TO AN EXIT.
 - WALL CONSTRUCTION:**
MIN FIRE RESISTANCE RATED, "RESISTS THE UNMOTIVATED MOVEMENT OF SMOKE"
 - DAMPER:**
SMOKE (BC)
 - DOORS:**
LIMIT THE TRANSFER OF SMOKE; POSITIVE LATCHING

- SMOKE BARRIER WALLS:**
SUBDIVIDES FLOOR INTO SMOKE COMPARTMENTS; RESISTS FIRE AND SMOKE SPREAD (2.00)
- WALL CONSTRUCTION:**
1-HR FIRE RESISTANCE RATING
- DAMPER:**
FIRE SMOKE (LSC AND BC)
- DOORS:**
20 MIN RATED (LSC AND BC)

- FIRE BARRIER WALLS (1-HR):**
SEPARATES HAZARDOUS AREAS FROM ALL OTHER AREAS AND SPACES
- WALL CONSTRUCTION:**
1-HR FIRE RESISTANCE RATING
- DAMPER:**
FIRE (BC)
- DOORS:**
45 MIN RATED (LSC AND BC)

- FIRE BARRIER WALLS (2-HR):**
SEPARATES HAZARDOUS AREAS FROM ALL OTHER AREAS AND SPACES
- WALL CONSTRUCTION:**
2-HR FIRE RESISTANCE RATING
- DAMPER:**
FIRE (BC)
- DOORS:**
90 MIN RATED (LSC AND BC)

NOTE FOR MRI RETROFIT PROJECT:
DRAWING IS FROM OWNER'S RECORD
NO MODIFICATIONS ARE BEING
MADE TO SMOKE WALL LAYOUTS
OR SMOKE ZONES

EXISTING HEALTHCARE

NEXUS PROJECT #: 16053
CHECKED BY: GB
DRAWN BY: TK
DATE: 08/22/16

OVERALL SMOKE COMPARTMENT

SC01

REVISION NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
23798.000

DATE
03/23/20

ISSUE
CONSTRUCTION DOCUMENTS

SHEET TITLE
LIFE SAFETY PLAN

SHEET NO.
ALS.02