1 A0.04 code plan

1/8" = 1'-0"

CODE DATA

PROJECT DESCRIPTION:

RENOVATIONS TO A PORTION OF THE EXISTING MEDVET CLEVELAND WEST LOCATED AT 14000 KEYSTONE PARKWAY, BROOK PARK, OHIO 44142 TO CREATE NEW SPECIALTY AREAS AS WELL AS ADDING A MRI TRAILER ON THE EAST SIDE OF THE BUILDING.
PROJECT CONSISTS OF SELECT DEMOLITION AND FITOUT INCLUDING WALLS, DOORS, CEILINGS, FINISHES, AND RELATED MEP ITEMS.

CODE SUMMARY:
SITE ZONING: EXISTING UNAFFECTED?

APPLICABLE BUILDING CODES:

OHIO BUILDING CODE (OBC)	2017 EDITION
OHIO PLUMBING CODE (OPC)	2017 EDITION
OHIO MECHANICAL CODE (OMC)	2017 EDITION
NATIONAL ELECTRICAL CODE (NEC)	2017 EDITION, NFPA 70
OHIO FIRE CODE (OFC)	2017 EDITION, NFPA 70
NFPA 13 FIRE SUPPRESSION	2016 EDITION
NFPA 72 FIRE ALARM SYSTEM	2016 EDITION
ENERGY COMPLIANCE	2012 IECC / ASHRAE 90.1 2010
ACCESSIBILITY	ICC A117.1-2009

EXISTING BUILDING DESIGN DATA:
- USE GROUP: B-BUSINESS
- CONSTRUCTION TYPE: IIIB

RENOVATED BUILDING DESIGN DATA:
- USE GROUP: B – BUSINESS (NO CHANGE)
- CONSTRUCTION TYPE: IIIB (NO CHANGE)

TYPE OF WORK PROPOSED:
INTERIOR ALTERATION (OBC CHAPTER 34)

PROJECT AREA: (2017 OBC, TABLE 1004.1.2)	AREA	OCCUPANTS
EXISTING BUILDING:	12,236 SF (N/C)	122 (N/C)
AREA OF WORK:	1,925 SF	N/C

FIRE SUPPRESSION AND MONITORING DATA
THE BUILDING IS FULLY SPRINKLED.
SPRINKLERS WILL BE MODIFIED TO ACCOMMODATE THE NEW TENANT LAYOUT.
AUTOMATIC FIRE DETECTION SYSTEM IS EXISTING. SYSTEM WILL BE MODIFIED TO ACCOMMODATE THE NEW TENANT LAYOUT.

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(OBC TABLE 601, TYPE IIIB)

PRIMARY STRUCTURAL FRAME:	0 HR
BEARING WALLS:	
EXTERIOR	0 HR (TABLE 602 DISTANCE GREATER THAN 30')
INTERIOR	0 HR
NONBEARING WALLS	
EXTERIOR (IBC TABLE 602):	0 HR
INTERIOR:	0 HR
FLOOR CONSTRUCTION:	0 HR
ROOF CONSTRUCTION:	0 HR
CORRIDORS (SPRINKLERED)	0 HR (OBC 1020.1)

EGRESS :

MIN. EGRESS WIDTH REQ. (OBC 1005.3.2):	18.3 IN.
EXISTING EGRESS WIDTH PROVIDED:	120 IN.
NUMBER OF EXITS REQ. (OBC 1006.3.1):	2
NUMBER OF EXITS PROVIDED:	3
MIN. CORRIDOR WIDTH (OBC 1020.2):	44"

MAX. COMMON PATH OF TRAVEL DISTANCE (SPRINKLERED) OBC 1006.2.1:	100'-0"
MAXIMUM EXIT ACCESS TRAVEL DISTANCE (SPRINKLERED) OBC 1017.2:	300'-0"
MAXIMUM DEAD END CORRIDOR LENGTH (SPRINKLERED) OBC 1020.4:	50'-0"

INTERIOR WALL AND CEILING FINISH REQUIREMENTS (OBC TABLE 803.11)

	CLASS
INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS:	B
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS:	C
ROOMS AND ENCLOSED SPACES:	C

PLUMBING
(OBC TABLE 2902.1):
CLASSIFICATION: BUSINESS
OCCUPANCY: B (122 Existing occupants = 61 Men & 61 Women)

	REQUIRED		PROVIDED		
FIXTURE	MEN	WOMEN	MEN	WOMEN	TOTAL:
WATER CLOSETS:	1	1	3	3	6
LAVATORIES:	2	2	4	4	8
DRINKING FOUNTAINS (EXISTING):	1 PER 100				2
OTHER:	SERVICE SINK (EXISTING)				2

LIFE SAFETY PLAN KEY

AREA OF WORK
EXISTING BUILDING. NOT IN SCOPE
COMMON PATH OF TRAVEL DISTANCE:
EXIT ACCESS TRAVEL DISTANCE:

WALL RATING LEGEND

ONE HOUR FIRE PARTITION (N/A)
TWO HOUR EXTERIOR BEARING WALL (N/A)

GENERAL LIFE SAFETY NOTES:
1. PROVIDE STENCIL OF WALL RATING ON ALL WALLS WITHIN THE LIMITS OF CONSTRUCTION. STENCIL TO BE RED, 3" HIGH LEGIBLE LETTERING, MINIMUM OF 5'-0" O/C ALONG THE FULL WALL LENGTH, ABOVE CEILING.
2. WALL RATINGS SHOWN ON EXISTING WALLS DENOTE EXISTING WALL RATINGS AS PROVIDED BY THE OWNER. WITHIN THE LIMIT OF CONSTRUCTION, REPAIR / FIRE/STOP WALLS TO MEET EXISTING WALL RATINGS.
3. REFER TO DOOR SCHEDULE FOR DOOR RATING REQUIREMENTS.

LIFE SAFETY DEVICES LEGEND

FEC — FIRE EXTINGUISHER CABINET
EXIT — EXIT DOOR
(EXST.) — EXISTING EXIT SIGN TO REMAIN

m+a
775 Yard Street, Suite 325
Columbus, Ohio 43212
p 614 764 0407
f 614 764 0237
www.ma-architects.com

MedVet Cleveland West

14000 KEYSTONE PKWY | BROOK PARK, OH 44135 |

STATUS:

REVISION:

PROJECT NUMBER:
18219

Sheet Name:
CODE PLAN

DATE:
11 MARCH 2019

SHEET NUMBER:
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