



Inc. Street NM 87 iacivil.c Isaacson & rque, 128 Mi Ibuquei 1828 | © 2020 Isaacson & Arfman, In This design, calculations, and concepts are owned by and remain the property of Isaacson & Arfman, Inc. and no part thereof shall be utilized by any person firm or corporation for any purpose whatsoever except with the written permission of Isaacson & Arfman, Inc. NOT FOR CONSTRUCTION Engineer (-)5 \mathbf{F} **IS**N H \mathbf{H} MI \mathbf{Z} SOM \mathbf{Z} (-)200 SA ∢ В SHEET TITLE FIRE HYDRANT LOCATION & ACCESS PLAN

SHEET NUMBER

FIRE

FP-24-019530

108 201

MIXED USE COMPLEX

OCCUPANCY GROUP R-2 & B

BUILDING IS TYPE V-A 64,380 SQ. FT. **BUILDING IS SPRINKELED, NFPA-13** FIRE FLOW IS 4,500 / 2 = 2,250 GPM. = 2 FIRE HYDRANTS 1 NEW FIRE HYDRANTS **1 EXISTING FIRE HYDRANT NEAR SITE**

MAX. BUILDING HEIGHT IS 48'-0" STAND PIPE IS PROVIDED. HIGHEST 4TH FLOOR LEVEL IS 36'-0"

FIRE DEPARTMENT CONNECTION, POST INDICATOR VALVE AND FIRE HYDRANT SHALL HAVE A MINIMUM DISTANCE OF 3' FROM ANY PERMANENT OBJECTS.

FIRE DEPARTMENT CONNECTION SHALL BE WITHIN 100' OF A FIRE HYDRANT.

BUILDING TO HAVE A PREMISES ID VISIBLE FROM CENTRAL AVE

BUILDING TO HAVE KNOX BOXES AT ENTRANCES

ALL GATES ARE ELECTRICALLY OPERATED WITH A KNOX KEY SWITCH. EMERGENCY ACCESS.

ALL ACCESS ROADS AND FIRE LANES HAVE GRADES LESS THAN 10% AND A LOAD CAPACITY OF 75,000 POUNDS.

ALL ACCESS ROADS AND FIRE PATHS WILL ACCOMMODATE A 28' MINIMUM TRUCK TURNING RADIUS

FIRE APPARATUS ROADS SHALL HAVE AN UNOBSTRUCTED HEIGHT NOT LESS THAN 13'-6".

THERE ARE NO OVERHEAD OBSTRUCTIONS ON SITE TO PROHIBIT LADDER TRUCK OPERATIONS

