PROJECT DESCRIPTION:

THIS PROJECT IS A NEW THREE STORY WOOD FRAMED MULTI-FAMILY STRUCTURE CONSISTING OF NINETEEN (19) DWELLING UNITS. THE FIRST FLOOR OF THE STRUCTURE CONSISTS OF FIVE (5) DWELLING UNITS, WITH THE SECOND AND THIRD FLOORS

SILVER AVE. S.E.

CONSISTING OF SEVEN (7) DWELLING UNITS.

BUILDING ADDRESS: 201 YALE BLVD. SE ALBUQUERQUE, NM 87106

CONSTRUCTION TYPE: TYPE V-B

PROPOSED

OCCUPANCY GROUP: R2 (APARTMENT HOUSE)

SITE ACREAGE: 0.386 ACRES

1st FLOOR: 4,892 GROSS SF **BUILDING GROSS** 2nd FLOOR: 5,382 GROSS SF HEATED SQUARE 3rd FLOOR: TOTAL BUILDING: 5,382 GROSS SF FOOTAGE: 15,656 GROSS SI

LEGAL DESCRIPTION:

201 YALE BLVD SE ALBUQUERQUE, NM 87106 *009 003BUENA VISTA HEIGHTS 2132 SILVER AVE SE

ALBUQUERQUE, NM 87106

*010 003BUENA VISTA HEIGHTS

UPC: 101505751621042411 101505751021042412

FIRE DEPARTMENT ACCESS:

TO THE ALLEY.

OF OPERATION TO ALLOW FIRE DEPARTMENT ACCESS.

OCCUPANT LOAD: PER IBC 2015, TABLE 1004.1.2

1st FLOOR = 4,892/200 =2nd FLOOR = 5,382/2003rd FLOOR = 5.382/200TOTAL OCCUPANTS:

FIRE PROTECTION: FULLY AUTOMATED SPRINKLER SYSTEM COMPLYING WITH NFPA 13R INSTALLED THROUGHOUT PER SECTION 903.2.8 GROUP R

DISTANCE TO HYDRANT=450'-0"

(NOT A REQUIRED HYDRANT) ~

EXISTING HYDRANT —

(NOT TO SCALE)

DISTANCE TO EXISTING

FIRE HYDRANT = 70'-0"

- EXISTING CURB TO BE

REMOVED AND REPLACED

EXISTING 6" WATER LINE

SFCONDARY FIRE 3

APPARATUS ACCESS

AND SECTION 903.3.1.2.

NOTE: SHOP DRAWINGS WILL BE SUBMITTED TO THE FIRE MARSHALL'S OFFICE FOR REVIEW AND APPROVAL OF ANY INSTALLATION OR MODIFICATION TO THE FIRE SPRINKLER SYSTEM. FIRE ALARM SYSTEM, KITCHEN SUPPRESSION SYSTEM, OR ANY OTHER FIRE RELATED SYSTEM. THE FIRE SPRINKLER SYSTEM WILL BE SUPERVISED WHEN REQUIRED BY THE 2015 INTERNATIONAL

EXISTING HYDRANT

EXISTING 6" WATER LINE —

ALLOWABLE STORIES: & HEIGHT:

ACTUAL BUILDING HEIGHT: FIRE RATINGS &

SEPARATION:

ACTUAL NUMBER OF STORIES: 3 STORIES 38'-0"

PER IBC 2015 TABLE 601:

3 STORIES PER TABLE 504.4 60' MAX HEIGHT PER TABLE 504.3

STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS AND TRUSSES: 0-HOUR RATING INTERIOR AND EXTERIOR BEARING WALLS: 0-HOUR RATING INTERIOR AND EXTERIOR NON-BEARING WALLS: O-HOUR RATING FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS: 0-HOUR RATING ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS: 0-HOUR RATING

SHAFT ENCLOSURES - MECHANICAL SHAFTS AND STAIRWELLS: THE FIRE RESISTANCE RATING FOR FIRE BARRIERS, SHAFTS, AND EXITS SHALL BE 1-HOUR PER SECTION 713.4. THE STRUCTURE IS 3 STORIES; THE SHAFT ASSEMBLY SHALL BE PROVIDED:

STAIRWELL SHAFT: 1-HOUR FIRE-RATED ASSEMBLY

PER IBC 2015, SECTION 708.3, EXCEPTION 2: DWELLING UNIT SEPARATION WALLS SHALL HAVE A FIRE RESISTANCE RATING OF 1/2 HOUR.

PER IBC 2015, SECTION 711.2.4.3, EXCEPTION 1: DWELLING FLOOR ASSEMBLIES SHALL A FIRE-RESISTANCE RATING OF AT LEAST 1/2- HOUR.

PER IBC 2015, TABLE 716.5, DOOR ASSEMBLIES IN A 1-HOUR FIRE BARRIER OF SHAFT ENCLOSURE AND EXIT ACCESS STAIRWAY, SHALL HAVE A FIRE RESISTANCE RATING OF 60 MINUTES.

PER IBC 2015, TABLE 716.5, DOOR ASSEMBLIES IN ALL OTHER 1-HOUR FIRE BARRIERS SHALL HAVE A FIRE RESISTANCE RATING OF 45 MINUTES.

OCCUPANCY SEPARATION:

FIRE FLOW

CALCULATIONS:

PERMIT NUMBER:FP 21-006840 APPROVED DATE: 01/31/22

ALBUQUERQUE FIRE MARSHAL'S

50% REDUCTION FOR FIRE SPRINKLER SYSTEM = 1,625

FLOW DURATION PER 2015 IFC: APPENDIX B, TABLE C105.1 FIRE HYDRANT

DISTRIBUTION: 1 FIRE HYDRANT REQUIRED PER APPENDIX C (1,625 GPM FIRE FLOW)

> 3 EXISTING FIRE HYDRANTS PROVIDED

> > AVERAGE SPACING BETWEEN HYDRANTS SHALL BE 500 FEET MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO HYDRANT SHALL BE 250 FEET

TOTAL BUILDING FIRE FLOW = 1,625 GALLONS/MINUTE FOR 2 HOUR

FIRE ACCESS ROAD REQUIREMENTS:

ACCESS ROAD SHALL NOT EXCEED 10% IN GRADE. ACCESS ROAD TO BE CONSTRUCTED OF ASPHALT MATERIAL CAPABLE OF SUPPORTING THE IMPOSED LOAD OF A FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS

FIRE ACCESS FOR BUILDING OVER 30 FOOT HEIGHT:

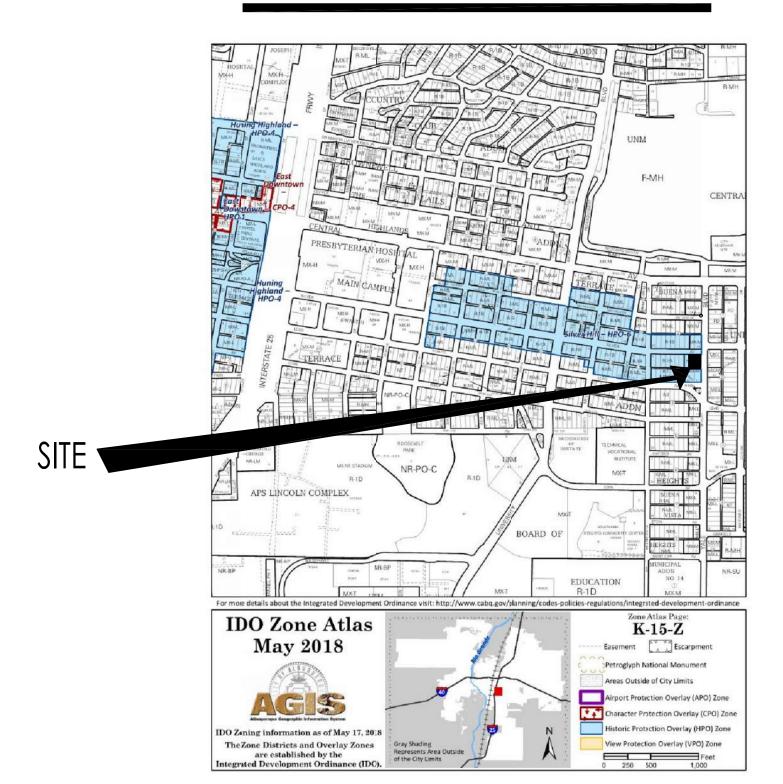
TWO MEANS OF FIRE APPARATUS ACCESS PROVIDED TO THE STRUCTURE:

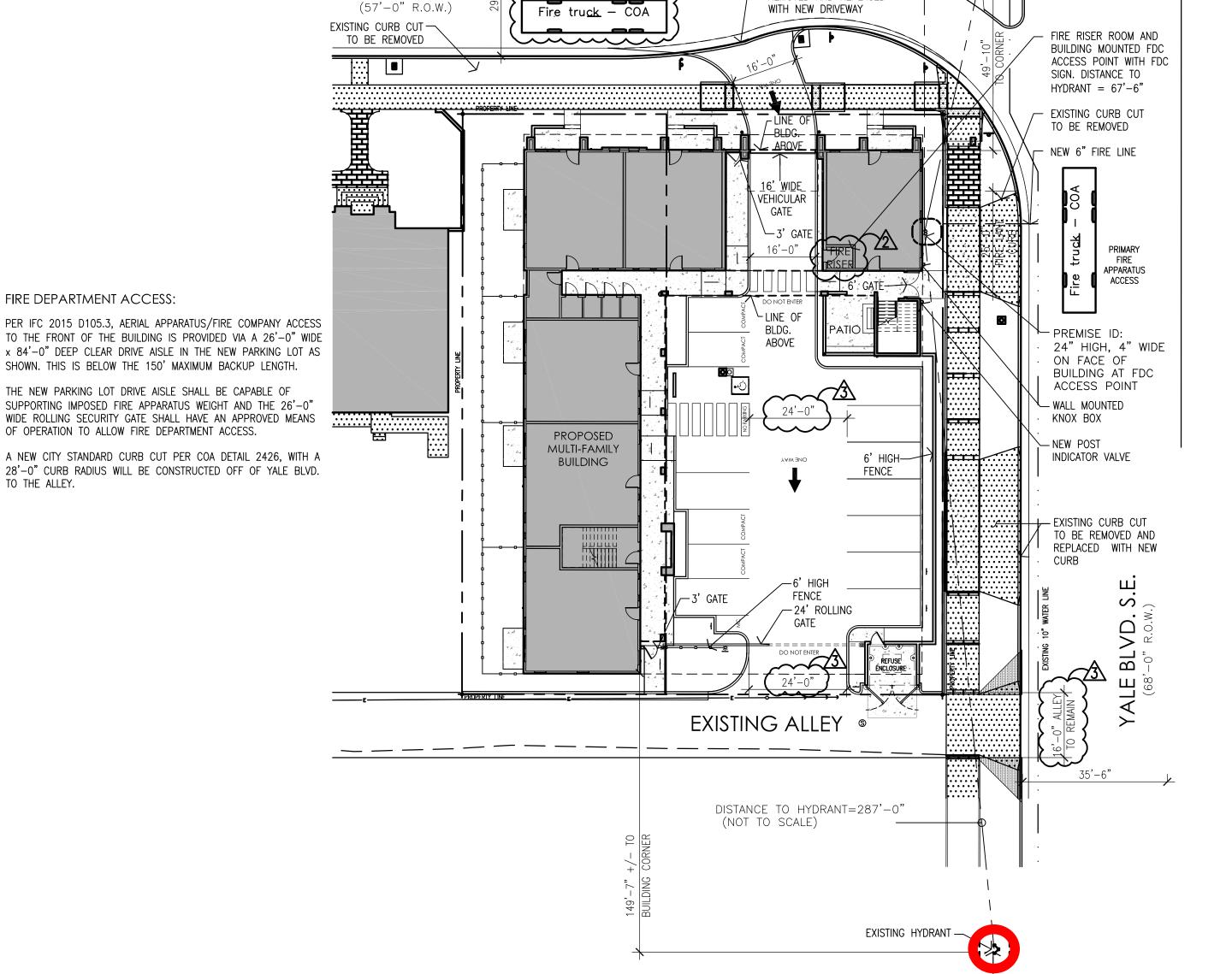
1. ALONG YALE BLVD. S.E. VIA ALLEY

VICINITY MAP



ZONING MAP







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P | 505.268.4144 F | 505.268.4244 www.mullenheller.com JOB NUMBER 21-15

LF/MW

1718 CENTRAL AVE SW | STE. D

ALBUQUERQUE, NM | 87109

PROJECT MGR DATE 01-13-22

DRAWN BY

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rador Multi-Fa Blvd. SE que, NM 87106 $\boldsymbol{\sigma}$

afety

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