

### AREA CALCULATIONS

MIXED-USE: BUSINESS (B) & RESIDENTIAL (R3)  
 CONSTRUCTION TYPE VB W/ BUILDING FIRE SPRINKLER AND (1) HOUR SEPARATION BETWEEN USES  
 (TWO-HOUR, REDUCED TO ONE BY FIRE SPRINKLERS)  
 EXISTING FIRST FLOOR RETAIL (B): 3,228 S.F.  
 1614 SALES /30 PER S.F.; 1614 STORAGE/ 100 = 70 OCCUPANTS  
 NEW FIRST FLOOR RETAIL (B): 900 S.F.  
 530 SALES /30 PER S.F.; 200 STORAGE/ 100 = 20 OCCUPANTS  
 TOTAL RETAIL (B): 4,132 S.F.; 90 OCCUPANTS  
 EXISTING SECOND FLOOR RESIDENTIAL (R3): 450 S.F.  
 NEW SECOND FLOOR RESIDENTIAL (R3): 1,025 S.F.  
 TOTAL RESIDENTIAL (B): 1,475 S.F. (6 MAX. OCCUPANTS)  
 TOTAL BUILDING AREA, BOTH FLOORS (MIXED-USE): 5,486  
 ALLOWABLE MAX. AREA FOR BUSINESS (IBC 2015 TABLE 506.2): 27,000 S.F.  
 5,603 S.F. (ACTUAL BLDG AREA) < 27,000 S.F. (ALLOWABLE AREA) => OK  
 24'-6" (ACTUAL BLDG HEIGHT) < 60' (ALLOWABLE HEIGHT) => OK

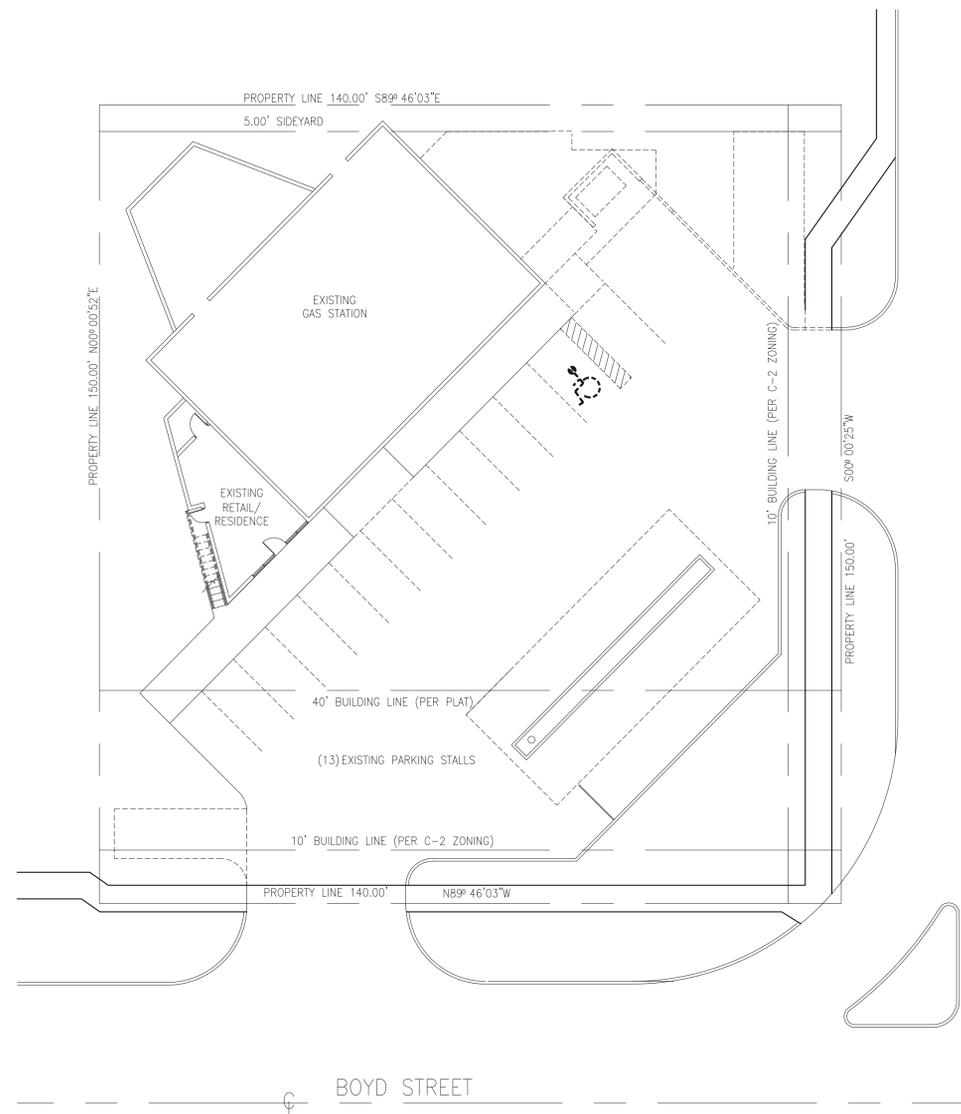
### LIFE SAFETY PLAN DATA

EXISTING MIXED-USE GROUP (R3) RESIDENTIAL FULLY SPRINKLERED GROUP (B) BUSINESS

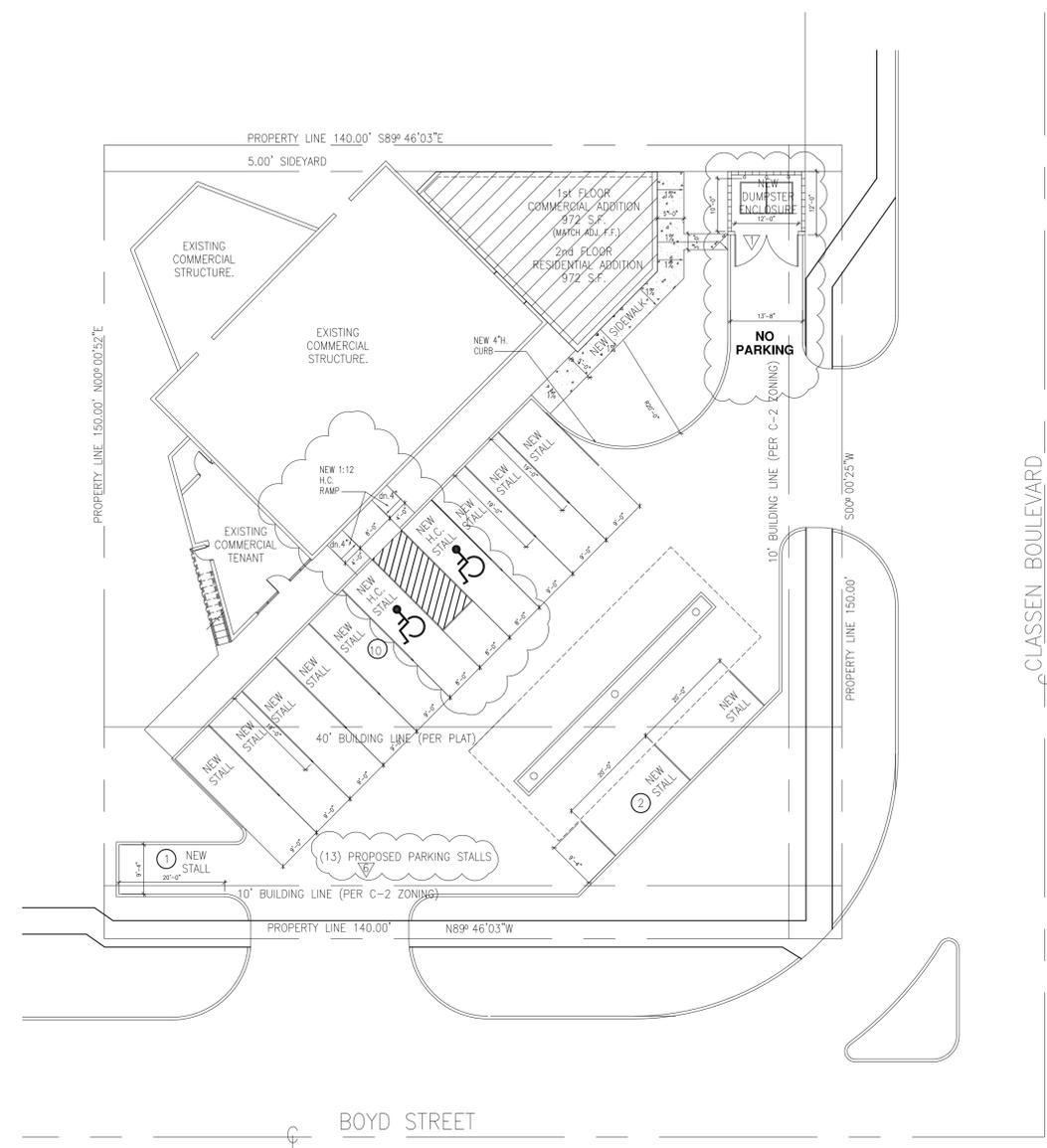
NFPA-101 LIFE SAFETY CODE 2015  
 NATIONAL FIRE CODE 2015  
 INTERNATIONAL BUILDING CODE 2015  
 INTERNATIONAL RESIDENTIAL CODE 2015  
 INTERNATIONAL PLUMBING CODE 2015  
 INTERNATIONAL MECHANICAL CODE 2015  
 INTERNATIONAL ENERGY CONSERVATION CODE 2006  
 NATIONAL ELECTRICAL CODE 2014

**MAX. TRAVEL DISTANCE - 2015 IBC**

-ALLOWED MAXIMUM TRAVEL DISTANCE TO EXIT : 250'-0"  
 -ACTUAL MAXIMUM TRAVEL DISTANCE= 52'-0" < 250'-0" => OK  
 OCCUPANCY LOAD 96 MAX. OCCUPANTS



**B**  
**A101**  
 EXISTING SITE PLAN  
 1/16"=1'-0"  
 N



**A**  
**A101**  
 NEW SITE PLAN  
 1/16"=1'-0"  
 N

ARCHITECT  
**VELO ARCHITECTURE**  
 3435 N.W. 11th St.  
 Norman, Oklahoma 73072  
 PHONE: 405.868.1152  
 CERTIFICATE OF AUTHORITY No. 02792 Expiration Date: 06.30.2019

CONSULTANT

SEALS

STATE OF OKLAHOMA  
 4823  
 03.12.19  
 NORMAN  
 LICENSED ARCHITECT

PROJECT

**ZAIN FUEL ADDITION**

1226 CLASSEN BOULEVARD, NORMAN OKLAHOMA 73071

SITE PLAN

MARK	DATE	DESCRIPTION
	01.18.2019	
	02.21.2019	
	03.12.2019	
	03.31.2019	
	04.03.2019	

PROJECT

IN CHARGE:

ISSUE:

ISSUE

02.21.2019

CONTENTS

**A101**

SHEET NUMBER