

# PROPOSED NEW FACILITY FOR: ASSURED SELF STORAGE

1011 N. MURPHY RD.  
LOT 1, BLOCK A, MURPHY LANDING ADDITION  
CITY OF MURPHY  
COLLIN COUNTY, TEXAS 75094

PROJECT INFORMATION & CODE DATA						
BUILDING	CLIMATE CONTROLLED	GROUP	STORES	CONST. TYPE	SFRK.	AREA (SQ.')
OFFICE	YES	B	1-STORY	II-B	NO	800
APARTMENT	YES	R-3	2-STORY	II-B	NO	1400
BUILDING A	NO	S-1	1-STORY	II-B	YES	4800
BUILDING B	ELIMINATED					
BUILDING C	YES	S-1	1-STORY	II-B	YES	2150
BUILDING D	NO	S-1	1-STORY	II-B	YES	3000
BUILDING E	NO	S-1	1-STORY	II-B	YES	4800
BUILDING F	YES	S-1	1-STORY	II-B	YES	10325
BUILDING G	NO	S-1	1-STORY	II-B	YES	3000
BUILDING H	YES	S-1	1-STORY	II-B	YES	1750
TOTAL BUILDING AREA						61025

SFRK. + PROVIDED WITH FIRE SPRINKLER NFPA B MET BY SYSTEM  
+ 2-HR FIRE RATED SEPARATION WALL BETWEEN OFFICE AND APARTMENT.

SITE INFORMATION:  
TOTAL LOT AREA = 3.422 ACRES

PARKING		
ITEM	REQUIRED	PROVIDED
ESTABLISHMENT	4 SPACES	5 SPACES
APARTMENT	2 SPACES	2 SPACES
TOTAL SPACES PROVIDED		7 SPACES (1) HC INCLUDED

FIRE RATINGS PROVIDED, PER IBC	
FUNCTION OF SPACE	WAREHOUSE (STORAGE S-U)
CONSTRUCTION TYPE	II-B
PRIMARY STRUCTURAL FRAME	Ø-HR
BEARING WALLS (EXTERIOR)	Ø-HR
BEARING WALLS (INTERIOR)	Ø-HR
NON BEARING WALLS + PARTITIONS (EXTERIOR)	Ø-HR (PROP. LINE > 10')
NON BEARING WALLS + PARTITIONS (INTERIOR)	Ø-HR
FLOOR/CEILING ASSEMBLY	Ø-HR
ROOF ASSEMBLY	Ø-HR

NOTES:  
1. BUILDING TO BE PROVIDED WITH NFPA 13 AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT.  
2. STAIRWAYS TO BE PROVIDED WITH EMERGENCY LIGHTING.  
3. EMERGENCY AND EXIT LIGHTING TO BE PROVIDED.  
4. PANIC HAMELERS TO BE PROVIDED AT EXIT AND STAIRWAY DOORS.  
5. TWO-WAY COMMUNICATION SYSTEMS TO BE PROVIDED AT STAIRWAYS AND ELEVATOR LOBBIES.

MEANS OF EGRESS - BLDG. C	
FUNCTION OF SPACE	WAREHOUSE
FLOOR AREA SF, PER OCCUPANT	500 GROSS
TOTAL FLOOR AREA	2150 SF.
TOTAL OCCUPANT LOAD	43 OCCUPANTS
EGRESS WIDTH PROVIDED	276 INCHES (6 DOORS)

MEANS OF EGRESS - BLDG. F	
FUNCTION OF SPACE	WAREHOUSE
FLOOR AREA SF, PER OCCUPANT	500 GROSS
TOTAL FLOOR AREA	10325 SF.
TOTAL OCCUPANT LOAD	21 OCCUPANTS
EGRESS WIDTH PROVIDED	146 INCHES (4 DOORS)

MEANS OF EGRESS - BLDG. H	
FUNCTION OF SPACE	WAREHOUSE
FLOOR AREA SF, PER OCCUPANT	500 GROSS
TOTAL FLOOR AREA	1750 SF.
TOTAL OCCUPANT LOAD	24 OCCUPANTS
EGRESS WIDTH PROVIDED	73 INCHES (2 DOORS)

ALLOWABLE BUILDING AREA + HEIGHT PER IBC - BLDG. C

GROUP	S-1 (STORAGE)
CONSTRUCTION TYPE	II-B
FIRE SPRINKLER SYSTEM	YES
TABULAR AREA PER FLOOR	52500 SF.
PROPOSED MAX. AREA PER FLOOR	21500 SF.
ALLOWABLE MAX. BUILDING HEIGHT	15 FEET
PROPOSED MAXIMUM BUILDING HEIGHT	15'-4"
MAXIMUM NUMBER OF STORES	3 STORES
PROPOSED NUMBER OF STORES	1 STORY
DATA USED, PER 2015 IBC SECT. 503 + 504	



1 NE PERSPECTIVE VIEW  
NOT TO SCALE

NOTE:  
A PROTECTIVE SCREEN AT LEAST 18-INCHES BELOW THE LEVEL OF THE FIRE SPRINKLER HEADS SHALL BE INSTALLED IN ALL STORAGE UNITS, PER CITY ORDINANCE.

DRAWING INDEX	
1	COVER SHEET WITH APPLICABLE CODES
2	A0 SITE PLAN (BUILDINGS ROOF PLAN)
3	A1 FLOOR PLANS - OFFICE/APARTMENT BUILDING
4	A2 ELEVATIONS - OFFICE/APARTMENT BUILDING
5	A3 FLOOR PLAN + ELEVATIONS - BUILDING A + E
6	A4 FLOOR PLAN - BUILDING C
7	A5 ELEVATIONS - BUILDING C
8	A6 FLOOR PLAN + ELEVATIONS - BUILDING D + G
9	A7 FLOOR PLAN - BUILDING F
10	A8 ELEVATIONS - BUILDING F
11	A9 FLOOR PLAN - BUILDING H
12	A10 ELEVATIONS - BUILDING H
13	A11 DOOR + WINDOW SCHEDULES
14	A12 INTERIOR ELEVATIONS - OFFICE + APARTMENT
15	A13 INTERIOR FINISH
16	A14 CEILING PLAN
17	A15 WALL SECTIONS + DETAILS
18	A16 FIRE RATINGS DETAILS
19	A17 ACCESSIBILITY STANDARDS
20	A18 ACCESSIBILITY STANDARDS
21	A19 ACCESSIBILITY STANDARDS
22	A20 ACCESSIBILITY STANDARDS
23	M1 MECHANICAL DETAILS + NOTES
24	M2 MECHANICAL FLOOR PLANS - OFFICE/APT. BLDG.
25	M3 MECHANICAL FLOOR PLAN - BUILDING C
26	M4 MECHANICAL FLOOR PLAN - BUILDING F
27	M5 MECHANICAL FLOOR PLAN - BUILDING H
28	M6 MECHANICAL HVAC SCHEDULES
29	E1 ELECTRICAL DETAILS, NOTES + FIXTURE SCHEDULE
30	E2 ELECTRICAL FLOOR PLANS - OFFICE/APRT. BLDG.
31	E3 ELECTRICAL FLOOR PLAN - C
32	E4 ELECTRICAL FLOOR PLAN - F
33	E5 ELECTRICAL FLOOR PLAN - H
34	E6 ELECTRICAL PANEL SCHEDULES
35	E7 ELECTRICAL RISER DIAGRAM
36	E8 ELECTRICAL SITE PLAN
37	P1 PIPING DETAILS, NOTES + SCHEDULE
38	P2 PIPING - SANITARY WASTE OFFICE/APRT. BLDG.
39	P3 PIPING - DOMESTIC WATER OFFICE/APRT. BLDG.
40	P4 PIPING FLOOR PLAN - BUILDING H
41	P5 PIPING DETAILS

CIVIL + STRUCTURAL DRAWINGS UNDER SEPARATE SETS.



0 VICINITY MAP  
NOT TO SCALE

TDLR NUMBER: EABPRJBS815181

DATE: OCTOBER, 2019

GENERAL CONTRACTOR:  
THE ASSURED GROUP  
4000 N. MACARTHUR BLVD., STE. A132  
IRVING, TX 75039  
PHONE: (972) 717-7668  
CONTACT: JAKE JACKSON

OWNER:  
THE ASSURED GROUP  
CONTACT: JAKE JACKSON (REPRESENTATIVE)  
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BUILDING CODE DATA:  
2015 INTERNATIONAL BUILDING CODE  
2015 INTERNATIONAL MECHANICAL CODE  
2015 INTERNATIONAL PLUMBING CODE  
2015 INTERNATIONAL ENERGY CONSERVATION CODE  
2015 INTERNATIONAL FIRE CODE W/ LOCAL AMENDMENTS  
2017 NATIONAL ELECTRICAL CODE  
2012 TEXAS ACCESSIBILITY STANDARDS

CONSULTANTS:  
DESIGN & ARCHITECTURAL  
JL BUILDING SYSTEMS, LLC.  
& PAUL DEELEY, ARCH.  
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