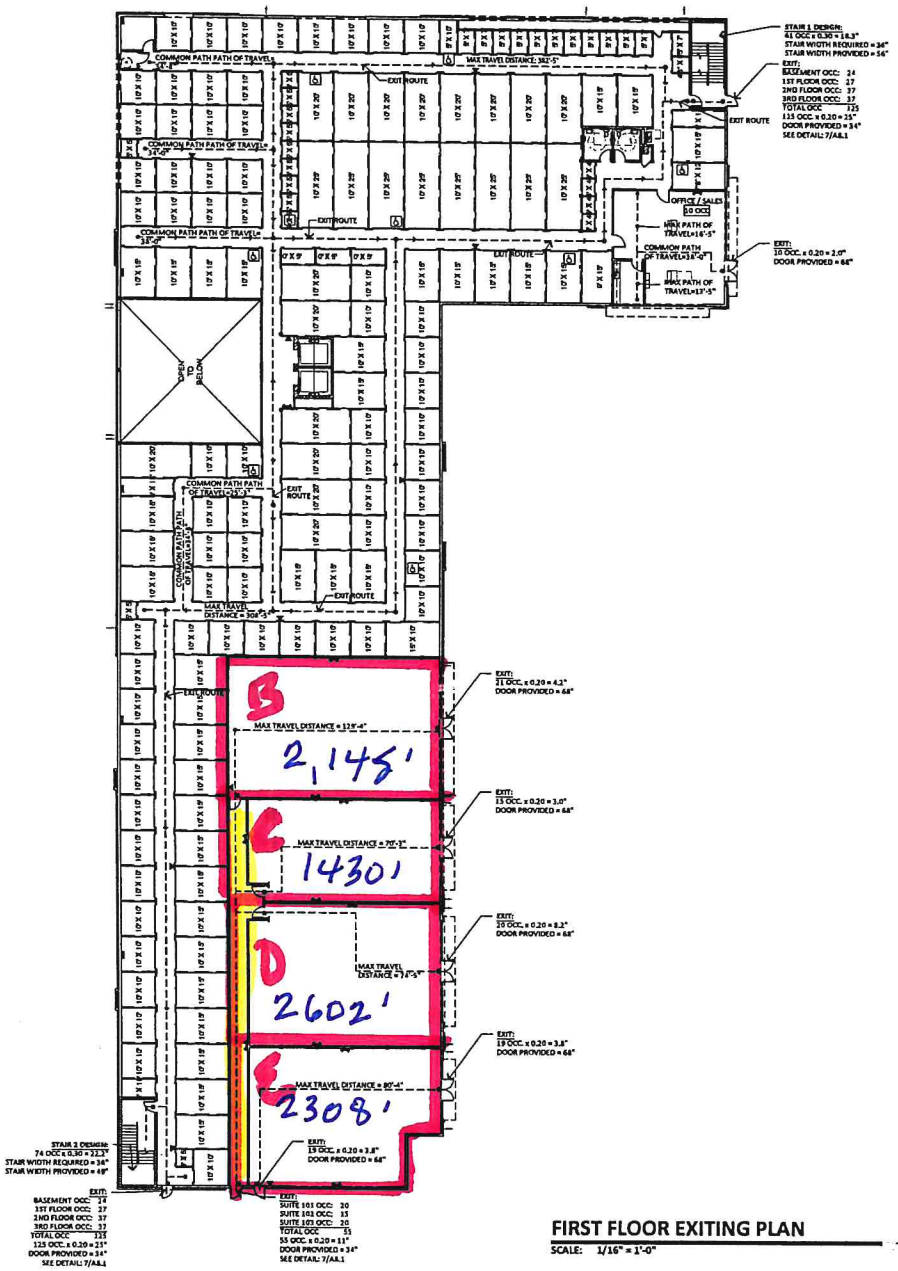

FIRST FLOOR EXITING PLAN

SCALE: 1/16" = 1'-0"

NORTH

1ST FLOOR UNIT MIX			
G.S.F = 36,618 S.F.			
L.S.F. = 18,625 S.F.			
50.8%			
CLIMATE CONTROLLED UNIT MIX SUMMARY			
UNIT SIZE	TOTAL	S.F. PER	AREA
5 X 4	4	20	80
5 X 5	13	25	325
5 X 7	12	35	420
5 X 10	2	50	100
5 X 15	1	75	75
7'8" X 12	1	115	115
9 X 15	1	135	135
10 X 5	3	50	150
10 X 10	63	100	6300
10 X 15	39	150	5850
10 X 20	14	200	2800
10 X 25	8	250	2000
15 X 10	1	150	150
TOTAL	162		18500

GENERAL NOTES

1. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
2. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, WILL BE ILLUMINATED TO A LEVEL OF NOT LESS THAN ONE FOOT-CANDLE AT THE WALKING SURFACE AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
3. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED AT ALL TIMES AND SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM (BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR)THAT WILL AUTOMATICALLY ILLUMINATE THE EXIT SIGNS FOR A DURATION OF NOT LESS THAN 90 MINUTES.
4. ALL AREAS OF BUILDING ARE ADA ACCESSIBLE, WITH THE EXCEPTION OF MECHANICAL, PLUMBING AND ELECTRICAL SPACES AND NON-PUBLIC AREAS AS ALLOWED PER CODE.
5. HORIZONTAL SLIDING DOORS. IN OTHER THAN GROUP H OCCUPANCIES, HORIZONTAL SLIDING DOORS PERMITTED TO BE A COMPONENT OF A MEANS OF EGRESS IN ACCORDANCE WITH EXCEPTION 6 OF SECTION 1010.1.4.3 SHALL COMPLY WITH ALL OF THE FOLLOWING CRITERIA:
   - 5.1. THE DOORS SHALL BE POWER OPERATED AND SHALL BE CAPABLE OF BEING OPERATED MANUALLY IN THE EVEN OF POWER FAILURE.
   - 5.2. THE DOORS SHALL BE OPENABLE BY A SIMPLE METHOD FROM BOTH SIDES WITHOUT SPECIAL KNOWLEDGE OR EFFORT.
   - 5.3. THE FORCE REQUIRED TO OPERATE THE DOOR SHALL NOT EXCEED 30 POUNDS (133 N) TO SET THE DOOR IN MOTION AND 15 POUNDS (67 N) TO CLOSE THE DOOR OR OPEN IT TO THE MINIMUM REQUIRED WIDTH.
   - 5.4. THE DOOR SHALL BE OPENABLE WITH A FORCE NOT TO EXCEED 15 POUNDS (67 N) WHEN A FORCE OF 150 POUNDS (1100 N) IS APPLIED PERPENDICULAR TO THE DOOR ADJACENT TO THE OPERATING DEVICE.
   - 5.5. THE DOOR ASSEMBLY SHALL COMPLY WITH THE APPLICABLE FIRE PROTECTION RATING AND, WHERE RATED, SHALL SELF-CLOSING OR AUTOMATIC CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH SECTION 715.4.8.3, SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 80 AND SHALL COMPLY WITH SECTION 715.
   - 5.6. THE DOOR ASSEMBLY SHALL HAVE AN INTEGRATED STANDBY POWER SUPPLY.
   - 5.7. THE DOOR ASSEMBLY POWER SUPPLY SHALL BE ELECTRICALLY SUPERVISED.
   - 5.8. THE DOOR SHALL OPEN TO THE MINIMUM REQUIRED WIDTH WITHIN 10 SECONDS AFTER ACTIVATION OF THE OPERATING DEVICE.
6. EXIT DOORS AT EXIT PASSAGE WAYS, EXIT DISCHARGE, AND EXIT STAIRWAYS SHALL BE IDENTIFIED BY TACTILE SIGNS COMPLYING WITH 2010 ADA.

LEGEND:

- ILLUMINATED EXIT SIGN
- FIRE EXTINGUISHER, 75' MAX DISTANCE; SEE XX/XX
- SYMBOL DENOTES ADA ACCESSIBLE UNIT SEE DETAIL XX/XX
- DENOTES ACCESSIBLE ROUTE FROM ACCESSIBLE STORAGE UNITS
- KNOX BOX
- 2HR RATED WALLS; SEE SHEET T1.1

BUILDING OCC. CALCS

FIRST LEVEL

OFFICE: 1,048 S.F. / 100 = 11 OCCUPANTS
RETAIL: 8,938 S.F./60 = 149 OCCUPANTS
STORAGE: 26,695 S.F. / 500 = 54 OCCUPANTS

GRAND TOTAL = 214 OCCUPANTS

ADA UNIT MIX:

ACCESSIBLE SELF-SERVICE STORAGE FACILITIES (TABLE 1108.3):

1 TO 100 5%, BUT NOT LESS THAN 1
OVER 200 10, PLUS 2% OF TOTAL NUMBER OF UNITS OVER 200

162 UNITS
5% OF 162 = 9

ACCESSIBLE SELF-SERVICE STORAGE UNITS REQUIRED: 09
ACCESSIBLE SELF-SERVICE STORAGE UNITS PROVIDED: 09

IRKAA
INC. ARCHITECTS, PLLC
2118 E. 7th STREET, SUITE 1
AUSTIN, TEXAS 78702
512-255-3900
www.IRKAA.com

FIRST LEVEL EXITING PLAN

MILES ROAD STORAGE
3801 MILES ROAD
SACHSE, TEXAS 75048

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design by: RWK
drawn by: BHA
checked by: NF

A0.2
project #: 19331.00