

BC 1004 OCCUPANT LOAD TABLE 1004.1	
MAXIMUM FLOOR AREA	ALLOWANCE PER OCCUPANT
FUNCTION OF SPACE DAY CARE AGE 2YRS - 6YRS	FLOOR AREA SF. PER OCCUPANT 30 NET

CLASS ROOM AREA: 4,710 SF.
NUMBER OF CHILDREN: 4,710 SF. / 30 = 157 CHILDREN
PROPOSED NUMBER OF CHILDREN: 157
PROPOSED NUMBER OF STAFF: 18
PROPOSED NUMBER OF OCCUPANT: (157+ 18)=175

BC-1004.6 - MEZZANINE LEVEL

THE OCCUPANT LOAD OF A MEZZANINE WITH EGRESS A ROOM OR AREA BELOW SHALL BE ADDED TO THAT ROOM OR AREA'S OCCUPANT LOAD, AND THE CAPACITY OF THE EXITS SHALL BE DESIGNED FOR THE TOTAL OCCUPANT LOAD THUS ESTABLISHED.

BC-1004.3 - POSTING OF OCCUPANT LOAD

EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANT SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT. SUCH SIGN SHALL ALSO COMPLY WITH SECTION 1028.12

27-148 - BALCONIES

WHEN AN INTERIOR BALCONY OR MEZZANINE OPENS TO FORM PART OF ANOTHER ROOM OR SPACE, ITS AREA SHALL BE ADDED TO THE AREA OF THE ROOM OR SPACE IN WHICH IT IS LOCATED TO COMPUTE THE VENTILATION REQUIRED FOR BOTH SPACES.

TITLE 27 / SUBCHAPTER 2
SUBCHAPTER 2 DEFINITION
FLOOR AREA (NET)

WHEN USED TO DETERMINE THE OCCUPANT LOAD OF A SPACE, SHALL MEAN THE HORIZONTAL OCCUPIABLE AREA WITHIN THE SPACE, EXCLUDING THE THICKNESS OF WALLS, AND PARTITIONS COLUMNS, FURRED-IN SPACES, FIXED CABINETS, EQUIPMENTS AND ACCESSORY SPACES SUCH AS CLOSETS, MACHINE AND EQUIPMENTS ROOMS, TOILETS, STAIRS, HALLS, CORRIDORS, ELEVATORS AND SIMILAR UNOCCUPIED SPACES.

TABLE 803.1
INTERIOR WALL AND CEILING FINISH
REQUIREMENTS BY OCCUPANCY

OCCUP	SPRINKLERED				NONSPRINKLERED			
	Exit enclosures and passageways ^a	Corridors	Rooms not enclosed spaces ^b	Exit enclosures and passageways ^a	Corridors	Rooms not enclosed spaces ^b	Exit enclosures and passageways ^a	Corridors
A-1, B, D, E	B	B	C	A	A ^c	B ^d		
A-2, A-3, A-4	B	B	C	A	A ^c	C		
B, E, M, R, T	B	B	B	A	A	D		
F	B	C	C	A	B	D		
H	B	B	CX	A	A	B		
I-1	B	C	C	A	A	B		
I-2	B	B	B ^e	A	A	B		
I-3	A	A	C	A	A	B		
I-4	B	B	B ^e	A	A	B		
R-2	B	B	C	A	A	C		
R-3	C	C	C	C	C	C		
S	B	C	C	A	B	C		
U	No restrictions				No restrictions			

For SI: 1 inch = 25.4 mm, 1 square foot = 0.0929 sq. m.

A. Class C interior finish materials shall be permitted for wallcovering or grouting of not more than 100 square feet of wall surface area in the room lobby where exposed directly to a noncombustible floor or vent flaring strips applied to a noncombustible floor and restricted as required by Section 803.1.1.

B. In exit enclosures of buildings less than three stories above grade floor of other than Group I, Class B interior finish for nonenclosed buildings and Class C interior finish for sprinklered buildings shall be permitted.

C. Requirements for rooms and enclosed spaces shall be based upon spaces enclosed by partitions. Where a fire resistance rating is required for structural reasons, the enclosing partitions shall extend from the floor to the ceiling. Partitions that do not comply with this shall be considered enclosing spaces and the rooms or spaces on both sides shall be considered rooms in determining the material requirements for rooms and enclosed spaces.

D. For Group I occupancy, finish shall be the governing factor regardless of the group classification of the building or structure.

E. Lobby areas in Group A-1, A-2 and A-3 occupancy shall not be less than Class B materials.

F. Class C interior finish materials shall be permitted in places of assembly with an occupant load of 300 persons or less.

G. For churches and places of worship, wood used for ornamental purposes, trusses, purling or chancel furnishings shall be permitted.

H. Class B material is required where the building exceeds two stories.

I. Class C interior finish material shall be permitted in administrative spaces.

J. Class C interior finish materials shall be permitted in rooms with a capacity of four persons or less.

K. Class B materials shall be permitted as wallcovering extending not more than six inches above the finished floor in exit enclosures.

L. Finish materials are provided for in other sections of this code.

M. Applies when the exit enclosures, exit passageways, corridors, or rooms and enclosed spaces are protected by a fire alarm system installed in accordance with Section 903.5.1.1 or 903.5.1.2.

TABLE 1108.22.1
ACCESSIBLE WHEELCHAIR SPACES

CAPACITY OF SEATING IN ASSEMBLY AREAS	MINIMUM REQUIRED NUMBER OF WHEELCHAIR SPACES
4 to 25	1
26 to 50	2
51 to 100	4
101 to 300	5
301 to 500	6
501 to 5,000	6, plus 1 for each 150, or fraction thereof, between 501 through 5,000
5,001 and over	36 plus 1 for each 200, or fraction thereof, over 5,000

CAPACITY OF BUILDING 175 PERSON, THERE 5 WHEEL CHAIR SPACES REQUIRED

GROSS BUILDING AREA = ((92.10+13.98) X 0.5)) X 100.00 = 8344.00 SF. GROSS

GROSS BUILDING AREA = 8334 SF.

STORAGE "A":	116 SF.
VESTIBULE:	69 SF.
WAITING AREA:	260 SF.
OFFICE:	65 SF.
STORAGE "B":	196 SF.
STORAGE "C":	123 SF.
TOILET (I):	182 SF.
BOYS TOILET (II):	95 SF.
GIRLS TOILET (III):	106 SF.
STAFF TOILET:	65 SF.
JANITOR'S CLOSET:	62 SF.
THERAPY ROOMS:	200 SF.
HALLWAYS:	1250 SF.

TOTAL : 2,911 SF.

NET AREA OF CLASSROOMS

= 8334 SF. - 2,911 SF. = 5,351 SF.

NET AREA OF CLASSROOMS = 5,351 SF.

NUMBER OF CHILDREN ALLOWED (30SF / CHILD) = 179

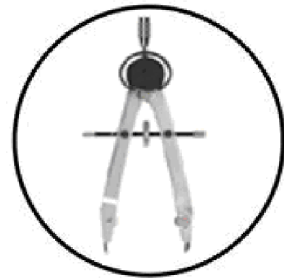
PROPOSED NUMBER OF CHILDREN ALLOWED (30SF / CHILD) = 157

157 IS LESS THAN 179, THEREFORE OK



Drawing Title
TITLE SHEET
Date 01/06/2020 Job No. 2020/01

Drawing No.
PA-002.00
SHEET 2 OF 4



MELDAN GROUP, LLC

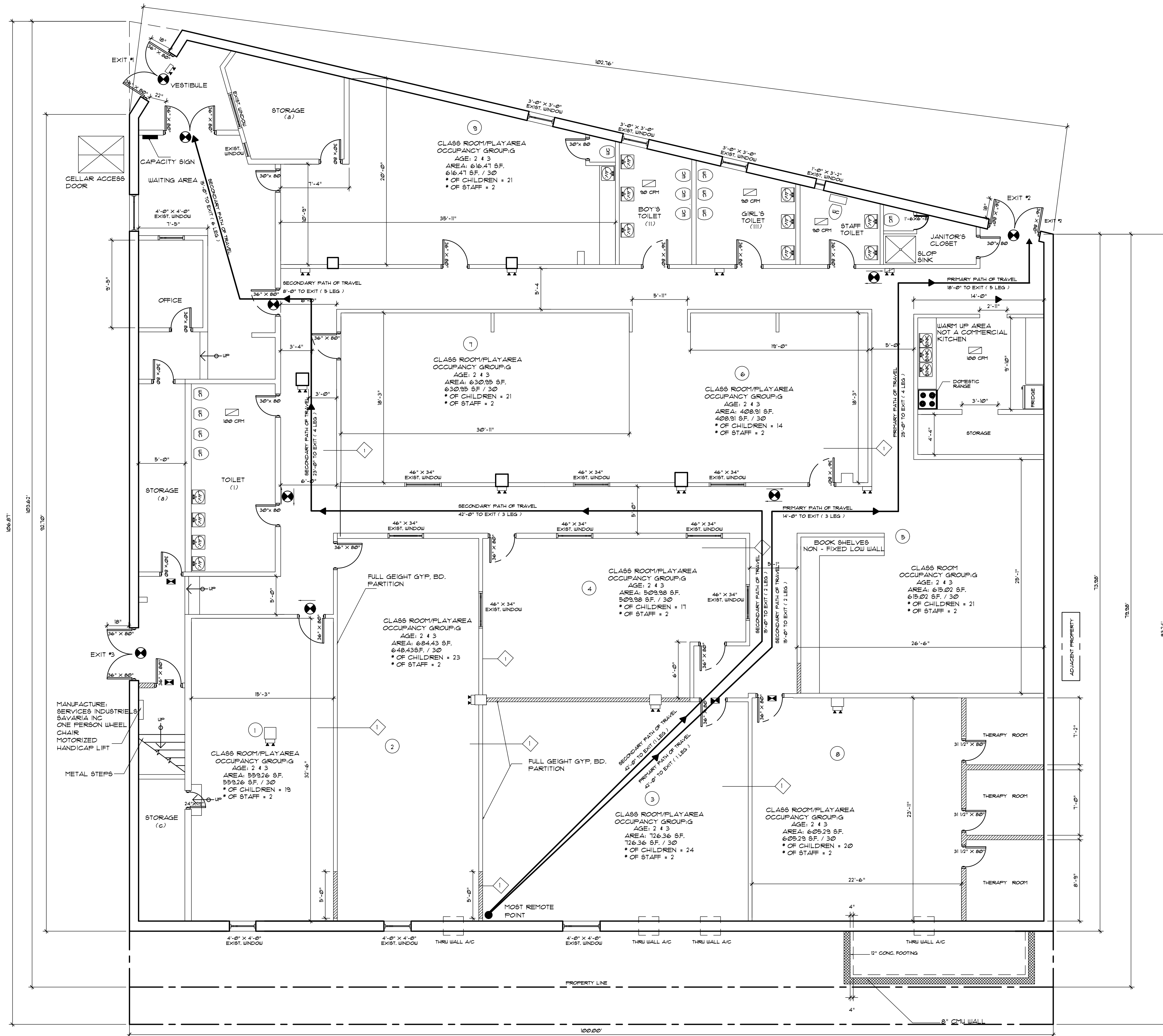
244 5TH AVENUE, SUITE 2604

NEW YORK, NY 10016

Ph: 646-434-8292, Fax:646-277-1165

email: bdirectservice@gmail.com

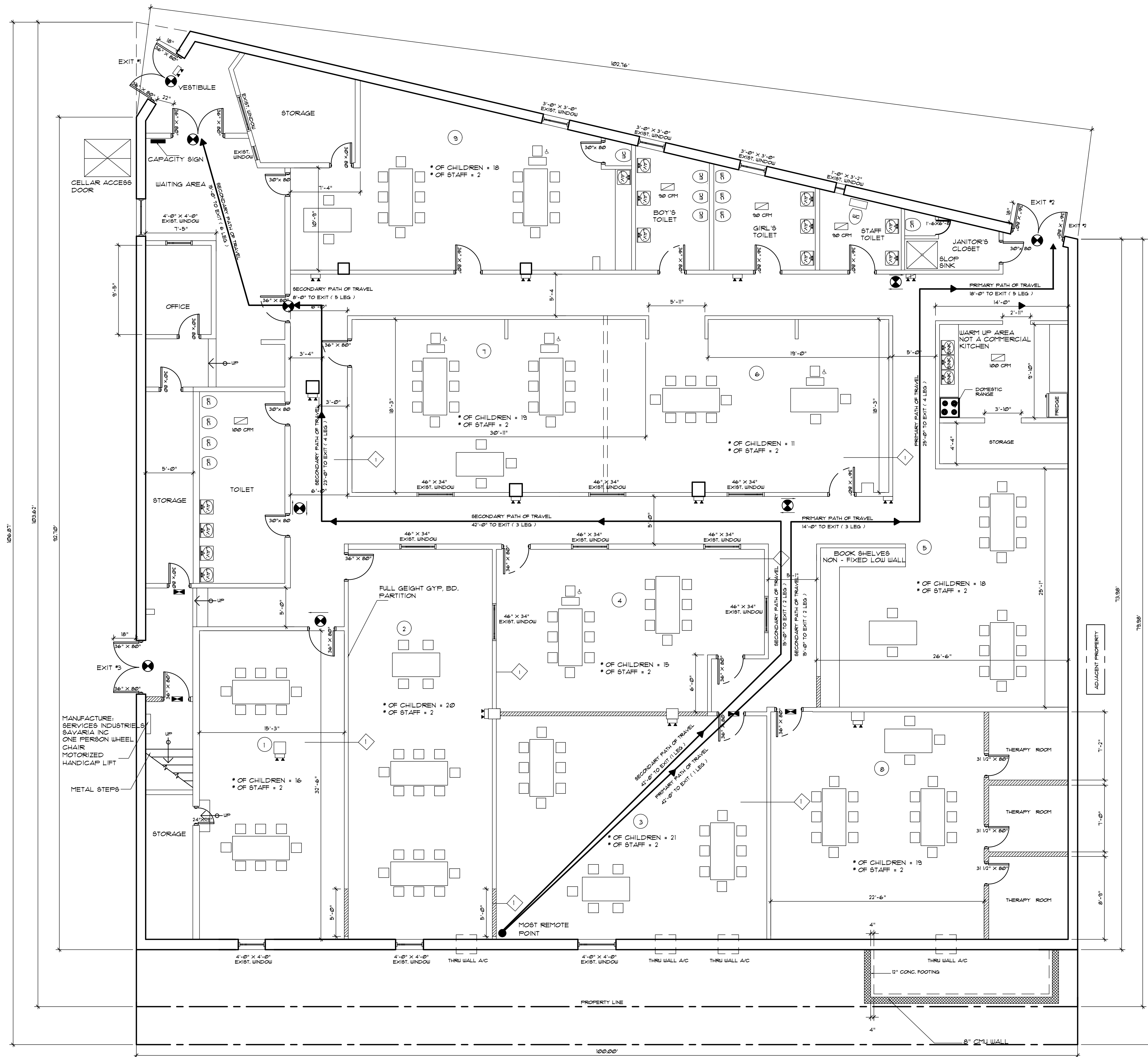
JOB APPLICATION NO.
Q00385759-11



FIRST FLOOR
SCALE: 1/8" = 1'-0"

- LEGEND
- EXIT SIGN
 - DIRECTIONAL EXIT SIGN
 - NOT AN EXIT SIGN
 - EMERGENCY LIGHT
 - PROPOSED PARTITION
 - EXISTING PARTITION
 - EXISTING PARTITION - (REMOVAL)

Engineer Consultant			
MELDAN GROUP, LLC 244 5TH AVENUE, SUITE 2604 NEW YORK, NY 10016 Ph: 646-434-8292, Fax: 646-277-1165 email: bdirectservice@gmail.com			
Location			
113-15 SPRINGFIELD BLVD QUEENS, NY 11429			
Stamp			
Project Title			
EXISTING SCHOOL			
Drawing Title			
FIRST FLOOR TRAVEL PLAN			
Scale As Shown	Job No. 2020/01	Date 01/06/2020	Drawing No. PA-003.00
Drawn MB	Checked JR	Approved JR	SHEET 3 OF 4
JOB APPLICATION NO. Q00385759-11			

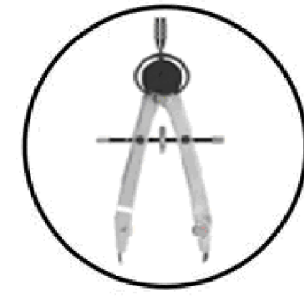


FIRST FLOOR
SCALE: 1/8" = 1'-0"

- LEGEND
- EXIT SIGN
 - DIRECTIONAL EXIT SIGN
 - NOT AN EXIT SIGN
 - EMERGENCY LIGHT
 - PROPOSED PARTITION
 - EXISTING PARTITION
 - EXISTING PARTITION - (REMOVAL)
 - HANDICAPPED SEATING



Engineer Consultant



MELDAN GROUP, LLC
244 5TH AVENUE, SUITE 2604
NEW YORK, NY 10016
Ph: 646-434-8292, Fax: 646-277-1165
email: bdirectservice@gmail.com

Location

**113-15 SPRINGFIELD BLVD
QUEENS, NY 11429**



Project Title

EXISTING SCHOOL

Drawing Title

**FIRST FLOOR SEATING
LAYOUT PLAN**

Scale	Job No.	Date	Drawing No.
As Shown	2020/01	01/06/2020	PA-004.00
Drawn	Checked	Approved	
MB	JR	JR	

SHEET 4 OF 4

JOB APPLICATION NO.
Q00385759-11