

CAPACITY CALCULATION

School District/BOCES Bay Shore UFSD
Project Control Number 58-05-01-03-0-019-002
Building Armory PreK Center

Date March 17, 2017
Project Manager DDJ
Project Type: New Building Add/Alt

Architect/Engineer Ine Rettig

Phone # 631-475-0349

Existing Elementary Spaces:

**Pre-K to 6th
(over 550 Sq. Ft.)**

10

600-635

**28.5 Sq. Ft. =
27 max.**

220

New Elementary Spaces:

<u>Use or Subject</u>	<u>No. of Rooms</u>	<u>Size (Sq.Ft.)</u>	<u>Maximum Calculation</u>	<u>Minimum Sq.Ft.</u>	<u>Capacity Calculated</u>
Pre-K to 6th (minimum 900 Sq.Ft., Pre-K & K;	<u>10</u>	<u>603</u>	28.5 Sq.Ft. = 27 max. 900 sq. ft. included but		<u>210</u>

Smart Buyd criteria for Prek
Total—New Spaces (without "Other Spaces, if needed") 210

Other Spaces, if needed:

MAX. SQ.FT.

Auditorium

70 Sq.Ft.,
max. 60

4,200

Cafeteria or

70 Sq. Ft.

1,872

Special Education Classrooms

Existing Spaces:

<u>Teacher-Student Ratio</u>	<u># of Rooms</u>	<u>Size (Sq.Ft.)</u>	<u>Calculated Capacity</u>
15:1	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
12:1	_____	_____	_____
12:1:1	2	_____	24
12:1+3:1	_____	_____	_____
8:1:1	_____	_____	_____
6:1	_____	_____	_____

TOTAL CAPACITY: 24

New Spaces:

<u>Teacher-Student Ratio</u>	<u># of Rooms</u>	<u>Size (Sq.Ft.)</u>	<u>Calculated Capacity</u>