

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> |
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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.

1,875

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> |
|------------------------------|-------------------|----------------------|----------------------------|
| | _____ | _____ | _____ |