

## 2007-8 Annual Visual Inspection

1. School District: Lindenhurst 2. SED Control #: 5801040300000009  
3. Building Name: Lindenhurst High School 4. SED District #: 58010403  
5. Survey Insect. Date: 7/27/2007 6. Building 911 Address: 300 Charles Street  
7. City: Lindenhurst 8. Zip: 11757 9.&10. C/O Status: CURRENT 08/01/08

### Building Age and Gross Square Footage

11. Yr. Original Building: 1960 12. Gross Sq.FT as Configured: 325086  
13. Number of Floors: 2

### Building Ownership and Occupancy Status

14. Building Use Status (Disposition as of 10/01/07): a.Occupied  
15. Building Ownership: a.Owned  
16. Purposes Building is Currently Used?:  
 Student Instructional Purposes  Other Purposes: \_\_\_\_\_  
 District Administration  Used by Other Organizations

### Building Users

17. Students registered to receive instruction in this building as of 10/1/07: 2398  
18. Of these, how many receive most of their instruction in:  
Permanent Instructional Spaces: 2398 Temporary Instructional Spaces: 0  
Non-instructional Spaces used as Instructional Spaces: 0  
 Cafeteria  Library  Storage Space  
 Gym  Lobby  Other (Describe): \_\_\_\_\_  
 Admin. Spaces  Stairwell

19. Grades Housed: 9-12 20. Days Building Closed for '06-'07: 0  
 21. Building used for instructional purposes in the summer?  
 22. Renovations or construction during past 12 months?

### Program Spaces

23. Number of General Purpose Classrooms: 101  
24. Gross Sq. FT of all Gen. Purpose Classrooms: 90900

25. Other Spaces Provided:

- N/A
- Admin
- Art
- Audio Visual
- Auditorium
- Cafeteria
- Computer Room
- Guidance
- Gym
- Health Suite
- Home & Careers
- Kitchen
- Lg. Grp. Instruction
- Library
- Multipurpose Rooms
- Music
- Pre-K
- Remedial Rooms
- Resource Rooms
- Science Labs
- Special Ed.
- Swimming Pool
- Teacher Resource
- Tech / Shop
- Other (Describe): \_\_\_\_\_

**Space Adequacy**

26. Rating of Space Adequacy: Fair
27. Estimated capital construction expenses anticipated through 2012-2013 (exclude maintenance): \$4,222,500
28. Overall building rating: S
29. Was overall building rating established after consulting with H&S committee?:
30. A/E Firm Name: ECG Engineering, LLC 32. A/E Firm Phone: 631-360-0006
31. A/E Firm Address: 22 Lawrence Ave, Suite 300, Smithtown 33. A/E Firm Email: info@ecgengineers.com
34. A/E Name: Lloyd Howell, PE 35. A/E License #: 16 52949

**Space Utilities**

Water:

- 36a. Type of service: Municipal 36b. Condition: Satisfactory
- 36c. Year of last reconstruct/replace: 2000 36d. Rem. useful life (yrs.): 0006
- 36e. Cost to reconstruct/replace: \$0.00 36f. Comments: One service for school, one for pool

Site Sanitary:

- 37a. Type of service: Municipal 37b. Condition: Satisfactory
- 37c. Year of last reconstruct/replace: 1986 37d. Rem. useful life (yrs.): 0011
- 37e. Cost to reconstruct/replace: \$330,000.00 37f. Comments: Add connection/install acid storage tank

Site Gas:

- 38a. Does building have gas service or liquid petroleum gas?:  38b. Condition: Satisfactory
- 38c. Year of last reconstruct/replace: 2005 38d. Rem. useful life (yrs.): 0011
- 38e. Cost to reconstruct/replace: \$0.00 38f. Comments: \_\_\_\_\_

Site Fuel Oil:

- 39a. Type of service: Fuel Tanks
- 39b1. # Above gnd: 0 39b1. Capacity (gal): 0
- 39b2. # Below gnd: 2 39b2. Capacity (gal): 32000
- 39c. Condition: Satisfactory 39d. Year of last reconstruct/replace: 1986
- 39d. Rem. useful life (yrs.): 0002 39e. Cost to reconstruct/replace: \$65,000.00
- 39f. Comments: Replace 12K tank at pool

Site Storm Drainage:

40a. Quality of drainage: Fair

40b. Cost to reconstruct/replace: \$0.00

40c. Comments: \_\_\_\_\_

Site Electrical, incl. Exterior Dist.:

41a. Utility Provide  Self Generate  Other 41b. Type of service: Below Ground

41c. Condition: Satisfactory 41d. Year of last reconstruct/replace: 2004

41e. Rem. useful life (yrs.): 0008 41f. Cost to reconstruct/replace: \$0.00

41g. Comments: \_\_\_\_\_

**Other Site Features**

Pavement (Roadways / Parking Lots):

42a. Concrete  Asphalt  Gravel  Other  None

42b. Condition: Satisfactory 42c. Year of last reconstruct/replace: 2006

42d. Rem. useful life (yrs.): 0009 42e. Cost to reconstruct/replace: \$0.00

42f. Comments: \_\_\_\_\_

Sidewalks:

43a. Concrete  Asphalt  Other

43b. Condition: Satisfactory 43c. Year of last reconstruct/replace: 2006

43d. Rem. useful life (yrs.): 0009 43e. Cost to reconstruct/replace: \$0.00

43f. Comments: \_\_\_\_\_

Playgrounds and Equipment:

44a. Condition: N/A 44b. Year of last reconstruct/replace: \_\_\_\_\_

44c. Rem. useful life (yrs.): \_\_\_\_\_ 44d. Cost to reconstruct/replace: \$0.00

44e. Comments: \_\_\_\_\_

Athletic Fields, Play Fields and Related Structures:

45a. Condition: Satisfactory 45b. Year of last reconstruct/replace: 2004

45c. Rem. useful life (yrs.): 0002 45d. Cost to reconstruct/replace: \$50,000.00

45e. Comments: Repair/replace fencing

**Substructure**

46a. Reinforced concrete  Masonry on concrete footing  Other

46b. Evidence of structural concerns:

46b1. Structural cracks  46b2. Heaving/Jacking  46b3. Decay/Corrosion

46b4. Water penetration  46b5. Unsupported areas  46b6. Other

46c. Condition: Satisfactory 46d. Year of last reconstruct/replace: 1960

46e. Rem. useful life (yrs.): 0018 46f. Cost to reconstruct/replace: \$0.00

46g. Comments: \_\_\_\_\_

## Building Envelope

### Structural Floors:

- 47a1. Reinforced Concrete slab on Grade  47a4. Wood Deck on Wood Trusses  
 47a2. Concrete/Metal Deck/Metal Joist  47a5. Wood Deck on Wood Joists  
 47a3. Precast Concrete Structural System  47a6. Concrete Deck on Wood Structure  
 47a7. Other: Concrete/metal deck/concrete beams

47b. Evidence of structural concerns with Beams/Joists/Trusses/Etc.:

- 47b1. Structural cracks  47b4. Deflection  
 47b2. Unsupported End  47b5. Seriously Damaged/Missing Components  
 47b3. Rot/Decay/Corrosion  47b6. Other Problems \_\_\_\_\_

47c. Evidence of structural concerns with structural floor deck:

- 47c1. Cracks  47c2. Deflection  47c3. Rot/Decay/Corrosion

47d. Condition: Satisfactory 47e. Year of last reconstruct/replace: 1960

47f. Rem. useful life (yrs.): 0016 47g. Cost to reconstruct/replace: \$0.00

47h. Comments: \_\_\_\_\_

### Exterior Walls / Columns:

- 48a. Concrete  Masonry  Steel  Wood  Other

48b. Evidence of structural concerns with Columns/Base Plates/Connections/Etc.:

- 48b1. Structural cracks  48b2. Rot/Decay/Corrosion  48b3. Other Problems: \_\_\_\_\_

48c. Evidence of concerns with Exterior Cladding:

- 48c1. Cracks/Gaps  48c4. Moisture Penetration  
 48c2. Inadequate Flashing  48c5. Rot/Decay/Corrosion  
 48c3. Efflorescence  48c6. Other Problems: \_\_\_\_\_

48d. Condition: Satisfactory 48e. Year of last reconstruct/replace: 2007

48f. Rem. useful life (yrs.): 0016 48g. Cost to reconstruct/replace: \$20,000.00

48h. Comments: Ongoing repointing

### Chimneys:

- 49a. Masonry  Concrete  Metal  Other  N/A

49b. Condition: Satisfactory 49c. Year of last reconstruct/replace: 1985

49d. Rem. useful life (yrs.): 0002 49e. Cost to reconstruct/replace: \$80,000.00

49f. Comments: Replace pool boiler room chimney

### Parapets:

- 50a. Masonry  Concrete  Metal  Other  N/A

50b. Condition: \_\_\_\_\_ 50c. Year of last reconstruct/replace: \_\_\_\_\_

50d. Rem. useful life (yrs.): \_\_\_\_\_ 50e. Cost to reconstruct/replace: \$0.00

50f. Comments: \_\_\_\_\_

Exterior Doors:

51a. Condition of Exterior Doors: Satisfactory 51b. Condition of Ext. Door Hdw: Satisfactory  
 51c. Exit doors have magnetic locking devices? 51d. Safety/Security features are adequate?: Yes  
51e. Year of last reconstruct/replace: 2007 51f. Rem. useful life (yrs.): 0010  
51g. Cost to reconstruct/replace: \$0.00 51h. Comments: \_\_\_\_\_

Exterior Steps, Stairs, and Ramps:

52a. Condition: Satisfactory 52b. Year of last reconstruct/replace: 1960  
52c. Rem. useful life (yrs.): 0008 52d. Cost to reconstruct/replace: \$0.00  
52e. Comments: \_\_\_\_\_

Fire Escapes:

53a. Does the building have 1 or more fire escapes 53b. Condition: N/A  
 53c. Safety features are adequate? 53d. Year of last reconstruct/replace: \_\_\_\_\_  
53e. Rem. useful life (yrs.): \_\_\_\_\_ 53f. Cost to reconstruct/replace: \$0.00  
53g. Comments: \_\_\_\_\_

Windows:

54a. Aluminum  Steel  Vinyl  Solid Wood  Wood w/ Ext. Cladding  Other  
54b. Condition: Satisfactory 54c. All rescue windows are operable?: Yes  
54d. Year of last reconstruct/replace: 2004 54e. Rem. useful life (yrs.): 0006  
54f. Cost to reconstruct/replace: \$0.00 54g. Comments: \_\_\_\_\_

Roof & Skylights:

55a. Type of roof construction:

- 55a1. Metal deck on metal trusses / joists  55a4. Concrete on metal deck on metal trusses / joist
- 55a2. Wood deck on wood trusses / joists  55a5. Other: \_\_\_\_\_
- 55a3. Wood deck on metal trusses / joists

55b. Type of roofing material:

- 55b1. Single ply membrane  55b4. Pre-formed metal  55b7. Other: \_\_\_\_\_
- 55b2. Built-up  55b5. IRMA
- 55b3. Asphalt single  55b6. Slate

55c. Evidence of structural concerns with beams/joists/trusses/etc.:

- 55c1. Structural cracks  55c4. Deflection
- 55c2. Unsupported ends  55c5. Seriously damaged / missing components
- 55c3. Rot/Decay/Corrosion 55c6. Other Problems: \_\_\_\_\_

55d. Evidence of structural concerns with structural floor deck:

- 55d1. Cracks  55d2. Deflection  55d3. Rot/Decay/Corrosion
- 55e. Does the building have skylights?

55f. If yes, what material are the skylights made of?: \_\_\_\_\_

55g. Condition: \_\_\_\_\_

55h. Evidence of concerns with roofing, skylights, flashing and drains:

55h1. Failures/Splits/Cracks?: No 55h4. Poorly func. roof drains?: No  
55h2. Rot/Decay/Corrosion?: No 55h5. Evidence of water pen.?: Yes  
55h3. Inad. Flashing/curbs/pitch?: No 55h6. Other Concerns: No

55i. Condition: Satisfactory 55j. Year of last reconstruct/replace: 2000

55k. Rem. useful life (yrs.): 0005 55l. Cost to reconstruct/replace: \$20,000.00

55m. Comments: Drain/clean lines & roof drains

### Interior Spaces

#### Interior Bearing Walls & Fire Walls:

56a. Condition: Satisfactory 56b. Year of last reconstruct/replace: 1960

56c. Rem. useful life (yrs.): 0013 56d. Cost to reconstruct/replace: \$0.00

56e. Comments: \_\_\_\_\_

#### Other Interior Walls:

57a. Condition: Satisfactory 57b. Year of last reconstruct/replace: 1960

57c. Rem. useful life (yrs.): 0013 57d. Cost to reconstruct/replace: \$0.00

57e. Comments: Some cracks observed

#### Floor Finishes:

58a. Type of floor finishes in instructional spaces:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> 58a1. Carpet                            | <input type="checkbox"/> 58a4. Hard flooring |
| <input checked="" type="checkbox"/> 58a2. Resilient tiles or sheet flooring | <input type="checkbox"/> 58a5. Other         |
| <input checked="" type="checkbox"/> 58a3. Wood                              | <input type="checkbox"/> 58a6. N/A           |

58b. Type of floor finishes in common areas:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> 58b1. Carpet                            | <input checked="" type="checkbox"/> 58b4. Hard flooring |
| <input checked="" type="checkbox"/> 58b2. Resilient tiles or sheet flooring | <input type="checkbox"/> 58b5. Other                    |
| <input type="checkbox"/> 58b3. Wood   | <input type="checkbox"/> 58b6. N/A                      |

58c. Condition: Satisfactory 58d. Year of last reconstruct/replace: 2006

58e. Rem. useful life (yrs.): 0009 58f. Cost to reconstruct/replace: \$0.00

58g. Comments: \_\_\_\_\_

#### Ceilings:

59a. Condition: Satisfactory 59b. Year of last reconstruct/replace: 1960

59c. Rem. useful life (yrs.): 0002 59d. Cost to reconstruct/replace: \$1,600,000.00

59e. Comments: Replace

Other Interior Walls/Lockers:

60a. Condition of Wall Units: Satisfactory 60b. Year of last reconstruct/replace: 1960  
60c. Rem. useful life (yrs.): 0006 60d. Cost to reconstruct/replace: \$0.00  
60e. Comments: \_\_\_\_\_

Interior Doors:

61a. Condition of int. door units: Satisfactory 61b. Condition of int. door hardware: Satisfactory  
61c. Year of last reconstruct/replace: 2003 61d. Rem. useful life (yrs.): 0002  
61e. Cost to reconstruct/replace: \$45,000.00 61f. Comments: Replace as required/upgrade main office

Interior Stairs:

62a. Condition: Satisfactory 62b. Year of last reconstruct/replace: 1960  
62c. Rem. useful life (yrs.): 0010 62d. Cost to reconstruct/replace: \$5,000.00  
62e. Comments: Repair some railings

Elevators, Lifts and Escalators:

63a. Condition: Satisfactory 63b. Year of last reconstruct/replace: 1960  
63c. Rem. useful life (yrs.): 0005 63d. Cost to reconstruct/replace: \$0.00  
63e. Comments: \_\_\_\_\_

Interior Electrical Dist.:

Interior electrical supply meets current needs?

64b. Condition: Satisfactory 64c. Year of last reconstruct/replace: 2000  
64d. Rem. useful life (yrs.): 0008 64e. Cost to reconstruct/replace: \$0.00  
64f. Comments: \_\_\_\_\_

Lighting Fixtures:

65a. Condition: Satisfactory 65b. Year of last reconstruct/replace: 2005  
65c. Rem. useful life (yrs.): 0008 65d. Cost to reconstruct/replace: \$0.00  
65e. Comments: \_\_\_\_\_

Communication Systems:

66a. Systems adequate?: No  
66b. Condition: Excellent 66c. Year of last reconstruct/replace: 2007  
66d. Rem. useful life (yrs.): 0010 66e. Cost to reconstruct/replace: \$0.00  
66f. Comments: \_\_\_\_\_

Swimming Pool and Systems:

67a. Condition: Satisfactory 67b. Year of last reconstruct/replace: 1990  
67c. Rem. useful life (yrs.): 0010 67d. Cost to reconstruct/replace: \$536,000.00  
67e. Comments: Reconstruct pool/remove dome exhaust

**Plumbing (Excluding HVAC)**

Water Dist. Systems:

68a. Iron  Galvanized  Copper  Lead  PVC  Other  N/A  
68b. Condition: Satisfactory 68c. Year of last reconstruct/replace: 2000  
68d. Rem. useful life (yrs.): 0013 68e. Cost to reconstruct/replace: \$2,000.00  
68f. Comments: Replace main shut off valve

Plumbing Drainage System:

69a. Iron    Galvanized    Copper    Lead    PVC    Other    N/A  
69b. Condition: Satisfactory      69c. Year of last reconstruct/replace: 1960  
69d. Rem. useful life (yrs.): 0006      69e. Cost to reconstruct/replace:      \$0.00  
69f. Comments: \_\_\_\_\_

Hot Water Heaters:

70a. Oil       Natural Gas    Electricity    Other    N/A  
70b. Condition: Satisfactory      70c. Year of last reconstruct/replace: 2003  
70d. Rem. useful life (yrs.): 0002      70e. Cost to reconstruct/replace:      \$3,500.00  
70f. Comments: Replace in boiler room

Plumbing Fixtures:

71a. Condition: Satisfactory      71b. Year of last reconstruct/replace: 1960  
71c. Rem. useful life (yrs.): 0008      71d. Cost to reconstruct/replace:      \$0.00  
71e. Comments: \_\_\_\_\_

**HVAC Systems**

HVAC System Type:

72a. Central HVAC system?  
 72b. Constant Volume    Variable Air Volume    DualDuct / Multizone    Other

Heat Generating Systems:

73a. Boiler / Hot Water    Boiler / Steam    Furnace / Forced Air    Other  
73b. Condition: Satisfactory      73c. Year of last reconstruct/replace: 2002  
73d. Rem. useful life (yrs.): 0008      73e. Cost to reconstruct/replace:      \$0.00  
73f. Comments: \_\_\_\_\_

Heating Fuel / Energy Systems:

74a. Condition: Satisfactory      74b. Year of last reconstruct/replace: 2002  
74c. Rem. useful life (yrs.): 0005      74d. Cost to reconstruct/replace:      \$0.00  
74e. Comments: \_\_\_\_\_

Cooling / AC Generating Systems:

75a. Condition: Satisfactory      75b. Year of last reconstruct/replace: 2001  
75c. Rem. useful life (yrs.): 0008      75d. Cost to reconstruct/replace:      \$100,000.00  
75e. Comments: Upgrade/convert in auditorium

Air Handling and Ventilation Equipment:

76a. Condition: Satisfactory      76b. Year of last reconstruct/replace: 2000  
76c. Rem. useful life (yrs.): 0004      76d. Cost to reconstruct/replace:      \$586,000.00  
76e. Comments: Equip w/pre-filters & HEPA filters/replace univents

Piped Heating and Cooling Dist. Systems:

77a. Condition: Satisfactory      77b. Year of last reconstruct/replace: 2007  
77c. Rem. useful life (yrs.): 0002      77d. Cost to reconstruct/replace:      \$260,000.00

77e. Comments: Replace w/pool tank & Remove asbestos

Ducted Heating and Cooling Dist. Systems:

78a. Condition: Satisfactory 78b. Year of last reconstruct/replace: 2001

78c. Rem. useful life (yrs.): 0006 78d. Cost to reconstruct/replace: \$20,000.00

78e. Comments: Duct cleaning needed, airways for gym return air

HVAC Control Systems:

79a. Condition: Satisfactory 79b. Year of last reconstruct/replace: 2007

79c. Rem. useful life (yrs.): 0010 79d. Cost to reconstruct/replace: \$0.00

79e. Comments: \_\_\_\_\_

**Fire Safety Systems**

Fire Alarm Systems:

80a. Condition: Satisfactory 80b. Year of last reconstruct/replace: 2000

80c. Rem. useful life (yrs.): 0007 80d. Cost to reconstruct/replace: \$0.00

80e. Comments: \_\_\_\_\_

Smoke Detection Systems:

81a. Condition: Satisfactory 81b. Year of last reconstruct/replace: 2000

81c. Rem. useful life (yrs.): 0007 81d. Cost to reconstruct/replace: \$0.00

81e. Comments: \_\_\_\_\_

Fire Supression Systems:

82a. Condition: Satisfactory 82b. Year of last reconstruct/replace: 2004

82c. Rem. useful life (yrs.): 0008 82d. Cost to reconstruct/replace: \$0.00

82e. Comments: \_\_\_\_\_

Emergency Lighting Systems:

83a. Condition: Satisfactory 83b. Year of last reconstruct/replace: 2000

83c. Rem. useful life (yrs.): 0007 83d. Cost to reconstruct/replace: \$0.00

83e. Comments: \_\_\_\_\_

Emergency Standby Power Systems:

84a. Building has an emergency or standby power system

84b. Condition: Satisfactory 84c. Year of last reconstruct/replace: 1960

84d. Rem. useful life (yrs.): 0004 84e. Cost to reconstruct/replace: \$500,000.00

84f. Comments: Replace generator and switch

**Accessibility**

85. Is there an accessible exterior route for persons with disabilities?

86. Is there an accessible interior route for persons with disabilities for goods/services & restrooms?

87a. Cost of Improvements to provide accessible interior and exterior routes: \$0.00

87b. Comments: \_\_\_\_\_

**Environmental / Comfort / Health**

88a. General appearance: Good

88b. Comments: \_\_\_\_\_

89a. Cleanliness: Good

88b. Comments: \_\_\_\_\_

90a. Acoustics: Good

90b. Comments: \_\_\_\_\_

91a. Types of lighting in general purpose classrooms:

91a1. Daylight  91a4. Incandescent

91a2. Fluorescent- NOT Full Spectrum  91a5. Other

91a3. Fluorescent- Full Spectrum  91a6. N/A

91b. Overall rating: Good

91c. Comments: \_\_\_\_\_

92. Is there evidence of active infestations of:

92a. Rodents  92b. Wood Boring/Eating Insects  92c. Cockroaches  92d. Other Vermin

**Indoor Air Quality**

93. Is mold visible in or around the following areas?

93a1. Classrooms: No 93a4. Other areas: No

93a2. Common areas: No 93a4. Specify: \_\_\_\_\_

93a3. Supply/Return grills: No

93b. Est. cost for improvements: \$0.00 93c. Comments: \_\_\_\_\_

94. Humidity/moisture- Are any of the following found in or around these areas?

94a. In Classrooms 94b. In Other Areas

94ab1. Visible water damage: No No

94ab2. Active leaks in roof: No Yes

94ab3. Active plumbing leaks: No No

94ab4. Moisture/Condensation: Yes Yes

94c. Rating of humidity/moisture condition in building: Poor

95. Ventilation: Are there fresh air intakes near the following?

95a1. Near bus loading area: No

95a2. Truck delivery areas: No

95a3. Near garbage disposal areas No

95b. Accumulated dirt, dust, debris around fresh air intakes?: No

95c. Fresh air intakes free of blockage?: Yes

95d. Accumulated dirt, dust, debris in ductwork?: Yes

95e. Dampers functioning as designed?: No

95f. Condition of air filters: Fair

95g. Outside air is adequate for occupant load: Unable to Determine

95h. Rating of ventilation/indoor air quality: Unable to Determine

95i. Comments: \_\_\_\_\_

**Indoor Air Quality Plan**

96a. Does the school district use EPA's Tools for Schools Program? Yes

96b. If not, is some other IAQ management plan used? \_\_\_\_\_

**American Red Cross**

97a. Is there a written agreement with the American Red Cross for the use of this building as an emergency shelter? Yes

97b. Does this building have an emergency generator to support sheltering operations? (lights, HVAC, etc.)? Yes

**Contacts**

99. District Director of Facilities: John Drenckhahn

100. Director Phone Number: 631-226-6442

101. Health & Safety Comm. Member: Robert Cozzetto

102. H&S Comm. Member Number: 631-884-0382

103. Code Enf. Official: Lou Mira

104. Registry Number: 1195-0587B