

## 2007-8 Annual Visual Inspection

1. School District: Lindenhurst 2. SED Control #: 5801040300000011  
3. Building Name: Harding Elementary School 4. SED District #: 58010403  
5. Survey Inspect. Date: 7/27/2007 6. Building 911 Address: 2 Harding Avenue  
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: 58700  
13. Number of Floors: 1

### 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: 279  
18. Of these, how many receive most of their instruction in:  
Permanent Instructional Spaces: 279 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: PRE-K-5 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: 20  
24. Gross Sq. FT of all Gen. Purpose Classrooms: 18000

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: Good
27. Estimated capital construction expenses anticipated through 2012-2013 (exclude maintenance): \$1,237,500
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
31. A/E Firm Address: 22 Lawrence Ave, Suite 300, Smithtown
34. A/E Name: Lloyd Howell, PE
32. A/E Firm Phone: 631-360-0006
33. A/E Firm Email: info@ecgengineers.com
35. A/E License #: 16 52949

**Space Utilities**

Water:

- 36a. Type of service: Municipal 36b. Condition: Satisfactory
- 36c. Year of last reconstruct/replace: 2001 36d. Rem. useful life (yrs.): 0007
- 36e. Cost to reconstruct/replace: \$0.00 36f. Comments: \_\_\_\_\_

Site Sanitary:

- 37a. Type of service: Municipal 37b. Condition: Satisfactory
- 37c. Year of last reconstruct/replace: 1997 37d. Rem. useful life (yrs.): 0006
- 37e. Cost to reconstruct/replace: \$0.00 37f. Comments: \_\_\_\_\_

Site Gas:

- 38a. Does building have gas service or liquid petroleum gas?:  38b. Condition: Satisfactory
- 38c. Year of last reconstruct/replace: 1978 38d. Rem. useful life (yrs.): 0008
- 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: 1 39b2. Capacity (gal): 10000
- 39c. Condition: Satisfactory 39d. Year of last reconstruct/replace: 1995
- 39d. Rem. useful life (yrs.): 0018 39e. Cost to reconstruct/replace: \$0.00
- 39f. Comments: \_\_\_\_\_

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: 1964

41e. Rem. useful life (yrs.): 0005    41f. Cost to reconstruct/replace: \$100,000.00

41g. Comments: Install 10KW Solar Panel System

**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: Satisfactory    44b. Year of last reconstruct/replace: 1999

44c. Rem. useful life (yrs.): 0005    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: 1999

45c. Rem. useful life (yrs.): 0005    45d. Cost to reconstruct/replace: \$175,000.00

45e. Comments: Replace bleachers, backstops, fences

**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: 1964

46e. Rem. useful life (yrs.): 0008    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: \_\_\_\_\_

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: 1964

47f. Rem. useful life (yrs.): 0013    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: 1964

48f. Rem. useful life (yrs.): 0008    48g. Cost to reconstruct/replace: \$0.00

48h. Comments: \_\_\_\_\_

Chimneys:

- 49a. Masonry     Concrete     Metal     Other     N/A

49b. Condition: Satisfactory    49c. Year of last reconstruct/replace: 1961

49d. Rem. useful life (yrs.): 0008    49e. Cost to reconstruct/replace: \$0.00

49f. Comments: Minimum height

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.): 0015  
51g. Cost to reconstruct/replace: \$0.00 51h. Comments: \_\_\_\_\_

Exterior Steps, Stairs, and Ramps:

52a. Condition: Satisfactory 52b. Year of last reconstruct/replace: 1961  
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: 1994 54e. Rem. useful life (yrs.): 0006  
54f. Cost to reconstruct/replace: \$350,000.00 54g. Comments: Replace

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: Concrete panels on metal trusses  
 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: 1995  
55k. Rem. useful life (yrs.): 0005 55l. Cost to reconstruct/replace: \$60,000.00  
55m. Comments: Drain/clean lines & roof drains

### Interior Spaces

#### Interior Bearing Walls & Fire Walls:

56a. Condition: Satisfactory 56b. Year of last reconstruct/replace: 1961  
56c. Rem. useful life (yrs.): 0008 56d. Cost to reconstruct/replace: \$0.00  
56e. Comments: Long horizontal crack in west wall of gym\*

#### Other Interior Walls:

57a. Condition: Satisfactory 57b. Year of last reconstruct/replace: 1961  
57c. Rem. useful life (yrs.): 0008 57d. Cost to reconstruct/replace: \$0.00  
57e. Comments: \_\_\_\_\_

#### Floor Finishes:

58a. Type of floor finishes in instructional spaces:

- |   |  |
|---|--|
| <input 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 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: Excellent 58d. Year of last reconstruct/replace: 2005  
58e. Rem. useful life (yrs.): 0008 58f. Cost to reconstruct/replace: \$0.00  
58g. Comments: \_\_\_\_\_

#### Ceilings:

59a. Condition: Excellent 59b. Year of last reconstruct/replace: 2000  
59c. Rem. useful life (yrs.): 0005 59d. Cost to reconstruct/replace: \$0.00  
59e. Comments: \_\_\_\_\_

Other Interior Walls/Lockers:

60a. Condition of Wall Units: Satisfactory 60b. Year of last reconstruct/replace: 1961  
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: 2001 61d. Rem. useful life (yrs.): 0007  
61e. Cost to reconstruct/replace: \$50,000.00 61f. Comments: Replace 10K per year

Interior Stairs:

62a. Condition: N/A 62b. Year of last reconstruct/replace: \_\_\_\_\_  
62c. Rem. useful life (yrs.): \_\_\_\_\_ 62d. Cost to reconstruct/replace: \$0.00  
62e. Comments: \_\_\_\_\_

Elevators, Lifts and Escalators:

63a. Condition: Satisfactory 63b. Year of last reconstruct/replace: 2001  
63c. Rem. useful life (yrs.): 0008 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: 1998  
64d. Rem. useful life (yrs.): 0002 64e. Cost to reconstruct/replace: \$350,000.00  
64f. Comments: Upgrade

Lighting Fixtures:

65a. Condition: Satisfactory 65b. Year of last reconstruct/replace: 2006  
65c. Rem. useful life (yrs.): 0009 65d. Cost to reconstruct/replace: \$0.00  
65e. Comments: \_\_\_\_\_

Communication Systems:

66a. Systems adequate?: Yes  
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: N/A 67b. Year of last reconstruct/replace: \_\_\_\_\_  
67c. Rem. useful life (yrs.): \_\_\_\_\_ 67d. Cost to reconstruct/replace: \$0.00  
67e. Comments: \_\_\_\_\_

**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.): 0008 68e. Cost to reconstruct/replace: \$0.00  
68f. Comments: \_\_\_\_\_

Plumbing Drainage System:

69a. Iron     Galvanized     Copper     Lead     PVC     Other     N/A

69b. Condition: Satisfactory    69c. Year of last reconstruct/replace: 1997

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: 2007

70d. Rem. useful life (yrs.): 0002    70e. Cost to reconstruct/replace: \$7,500.00

70f. Comments: Replace

Plumbing Fixtures:

71a. Condition: Satisfactory    71b. Year of last reconstruct/replace: 2001

71c. Rem. useful life (yrs.): 0005    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: Excellent    73c. Year of last reconstruct/replace: 2007

73d. Rem. useful life (yrs.): 0020    73e. Cost to reconstruct/replace: \$0.00

73f. Comments: \_\_\_\_\_

Heating Fuel / Energy Systems:

74a. Condition: Satisfactory    74b. Year of last reconstruct/replace: 1995

74c. Rem. useful life (yrs.): 0008    74d. Cost to reconstruct/replace: \$0.00

74e. Comments: \_\_\_\_\_

Cooling / AC Generating Systems:

75a. Condition: N/A    75b. Year of last reconstruct/replace: \_\_\_\_\_

75c. Rem. useful life (yrs.): \_\_\_\_\_    75d. Cost to reconstruct/replace: \$0.00

75e. Comments: \_\_\_\_\_

Air Handling and Ventilation Equipment:

76a. Condition: Satisfactory    76b. Year of last reconstruct/replace: 1995

76c. Rem. useful life (yrs.): 0005    76d. Cost to reconstruct/replace: \$0.00

76e. Comments: \_\_\_\_\_

Piped Heating and Cooling Dist. Systems:

77a. Condition: Satisfactory    77b. Year of last reconstruct/replace: 2007

77c. Rem. useful life (yrs.): 0006    77d. Cost to reconstruct/replace: \$50,000.00

77e. Comments: Remove asbestos

Ducted Heating and Cooling Dist. Systems:

78a. Condition: Satisfactory 78b. Year of last reconstruct/replace: 1961

78c. Rem. useful life (yrs.): 0005 78d. Cost to reconstruct/replace: \$20,000.00

78e. Comments: Clean ductwork

HVAC Control Systems:

79a. Condition: Satisfactory 79b. Year of last reconstruct/replace: 1999

79c. Rem. useful life (yrs.): 0006 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.): 0002 80d. Cost to reconstruct/replace: \$75,000.00

80e. Comments: Upgrade for ADA

Smoke Detection Systems:

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

81c. Rem. useful life (yrs.): 0008 81d. Cost to reconstruct/replace: \$0.00

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

Fire Supression Systems:

82a. Condition: N/A 82b. Year of last reconstruct/replace: \_\_\_\_\_

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

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

Emergency Lighting Systems:

83a. Condition: Satisfactory 83b. Year of last reconstruct/replace: 1998

83c. Rem. useful life (yrs.): 0006 83d. Cost to reconstruct/replace: \$0.00

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

Emergency Standby Power Systems:

84a. Building has an emergency or standby power system

84b. Condition: N/A 84c. Year of last reconstruct/replace: \_\_\_\_\_

84d. Rem. useful life (yrs.): \_\_\_\_\_ 84e. Cost to reconstruct/replace: \$0.00

84f. Comments: \_\_\_\_\_

**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: Yes Yes

94ab3. Active plumbing leaks: No No

94ab4. Moisture/Condensation: No No

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

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?: Yes

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? No

97b. Does this building have an emergency generator to support sheltering operations? (lights, HVAC, etc.)? No

**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