

| Health Life Safety Items and Other Needed Work Identified by the Architect and |   |              |                  |     |          |                              |              |              |              |              |              |              |              |              | 2031 NEW HLS STUDY |              |              |              |              |              |
|--|---|--------------|------------------|-----|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|--------------|--------------|--------------|--------------|--------------|
|  |   |              |                  |     |          | 1                            | 2            | 3            | 4            | 5            | 6            | 7            | 8            | 9            | 10                 | 1            | 2            | 3            | 4            | 5            |
| DRAFT 04.22.2022   |   |              |                  |     |          | 20% Contingency Fees/Testing | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion       | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion | 4% Escalaion |
| Category   | Description   | Initial Cost | Life Exp         | HLS | Priority | 2022 Cost                    | 2023 Cost    | 2024 Cost    | 2025 Cost    | 2026 Cost    | 2027 Cost    | 2028 Cost    | 2029 Cost    | 2030 Cost    | 2031 Cost          | 2032 Cost    | 2033 Cost    | 2034 Cost    | 2035 Cost    | 2036 Cost    |
| ELIZABETH IDE ES   |   |              |                  |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
| SITE   |   |              |                  |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Site Gate: Recommendation by local first responders to include exit gate in existing fence on the north edge of the property for safety evacuations from the site | \$1,800      | N/A              | N/A | 4        |                              |              |              |              |              |              |              |              |              |                    |              | \$ 2,771     |              |              |              |
| ACCESSIBILITY  |   |              |                  |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Provide continuous sidewalk at exit pathway from Resource Areas to staff parking lot  | \$5,184      | N/A              | C   |          |                              |              |              |              |              |              |              | \$ 6,822     |              |                    |              |              |              |              |              |
| EXTERIOR   |   |              |                  |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | At masonry lintels above multiple exterior doors, grind rusted areas, prep and repaint  | \$9,072      | 3-5 YRS          | B   | 2        |                              |              |              |              |              | \$ 11,037    |              |              |              |                    |              |              |              |              |              |
|  | Tuckpoint masonry joints where cracking has occurred to prevent moisture damage   | \$2,496      | 3-5 YRS          | C   | 3        |                              |              |              |              |              |              |              | \$ 3,285     |              |                    |              |              |              |              |              |
|  | Replace sealant at deteriorated window sill joints  | \$6,000      | 3-5 YRS          | C   | 3        |                              |              |              |              |              |              |              | \$ 7,896     |              |                    |              |              |              |              |              |
|  | Address recurring roof leak   | \$0          | STABLE/WAR RANTY | N/A | 5        |                              |              |              |              |              |              |              |              |              |                    |              | \$ -         |              |              |              |
|  | Address bubbled roof membrane location  | \$0          | STABLE/WAR RANTY | N/A | 5        |                              |              |              |              |              |              |              |              |              |                    |              | \$ -         |              |              |              |
|  | At standing water on roof adjacent to mechanical curbs, install sloped insulation to direct water to drain  | \$1,800      | STABLE           | N/A | 5        |                              |              |              |              |              |              |              |              |              |                    |              | \$ 2,771     |              |              |              |
|  | At exterior door to play area, replace sill hardware/weatherstripping to deter moisture infiltration  | \$360        | 3-5 YRS          | C   | 3        |                              |              |              |              |              |              |              | \$ 474       |              |                    |              |              |              |              |              |
|  | At exterior walls, replace failing sealant at masonry control joints  | \$2,640      | 3-5 YRS          | C   | 3        |                              |              |              |              |              |              |              | \$ 3,474     |              |                    |              |              |              |              |              |
|  | At Media Center exterior window sills, smooth sharp edges and secure metal at the mitered joint sill (sharp)  | \$600        | ASAP             | B   | 2        | \$ 600                       |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
| INTERIOR   |   |              |                  |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | At the Gymnasium, replace the worn tile floor system with cushioned vinyl floor to improve safety   | \$153,600    | 3-5 YRS          | C   | 3        |                              |              |              |              |              |              |              | \$ 202,127   |              |                    |              |              |              |              |              |
|  | At existing Gym Doors, replace failing doors and hardware to maintain fire rating   | \$4,800      | 1-2 YRS          | B   | 2        |                              | \$ 4,992     |              |              |              |              |              |              |              |                    |              |              |              |              |              |
| MECHANICAL   |   |              |                  |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Room 135: Diagnose HVAC concerns- through temperature control system -TBD   | \$0          |                  | N/A | 5        |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Toilet (120): Install floor drain for backflow maintenance  | \$3,900      | 3-5 YEARS        | C   | 3        |                              |              |              |              |              |              |              |              |              |                    | \$ 5,773     |              |              |              |              |
|  | Toilet (153): Install floor drain for backflow maintenance  | \$3,900      | 3-5 YEARS        | C   | 3        |                              |              |              |              |              |              |              |              |              |                    | \$ 5,773     |              |              |              |              |

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|  | BAS Controls: Replace outdated Building Automation (temperature controls) system to optimize energy efficiency and prevent ventilation deficiencies | \$384,000    | BEYOND   | C   | 3        |                              |              |              |              | \$ 449,226   |              |              |              |              |                    |              |              |              |              |              |
| ELECTRICAL   |   |              |          |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Intercom System (B198): Replace intercom system in full   | \$61,560     | BEYOND   | B   | 2        |                              | \$ 64,022    |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Exterior Lighting : Replace all remaining original fixtures with LED  | \$29,880     | 1-3 YRS  | C   | 3        |                              |              |              |              |              |              |              | \$ 39,320    |              |                    |              |              |              |              |              |
|  | Electrical Panels - A106, C109: Move tables intruding on 3ft panel clearance  | \$0          | DONE     | A   | 1        | \$ -                         |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Fire Hood - Kitchen: install a shunt trip device to prevent safety  | \$7,200      | 1-3 YRS  | B   | 2        |                              | \$ 7,488     |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Camera Coverage: Add security cameras to increase interior and exterior surveillance coverage   | \$24,120     | 3-5 YRS  | C   | 3        |                              | \$ 25,085    |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Intrusion Detection: Diagnose/replace   | \$30,960     | 1-3 YRS  | C   | 3        |                              |              |              |              |              |              | \$ 39,174    |              |              |                    |              |              |              |              |              |
|  | Interior Lighting: Replace interior lighting with LED   | \$464,400    | 3-5 YRS  | C   | 3        |                              |              |              |              |              |              |              |              | \$ 635,563   |                    |              |              |              |              |              |
|  | Fire Alarm System: Replace with fire alarm system with voice evac   | \$93,000     | 1-3 YRS  | D   | 4        |                              |              |              |              |              |              |              |              |              | \$ 96,720          |              |              |              |              |              |
|  |   |              |          |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
| LAKEVIEW JH SITE   |   |              |          |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Parking Lot and Track: Repair and replace damaged asphalt sections  | \$299,165    | 1-3 YRS  | C   | 3        |                              |              |              |              |              |              |              |              |              |                    | \$ 442,837   |              |              |              |              |
|  | Concrete Plaza: Replace concrete sidewalk   | \$93,562     | 1-3 YRS  | C   | 3        |                              |              |              |              |              |              |              |              | \$ 128,046   |                    |              |              |              |              |              |
|  | Right Turn Lane: Add Outbound Right-turn Lane   | \$537,074    | 7-10 YRS | N/A | 4        |                              |              |              |              |              |              |              |              |              |                    |              | \$ 826,801   |              |              |              |
|  | Circle drive lane: Remove and replace damaged asphalt   | \$76,406     | 1-3 YRS  | N/A | 4        |                              |              |              |              |              |              |              |              |              |                    |              |              | \$ 122,328   |              |              |
| EXTERIOR   |   |              |          |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Tuckpointing various locations: Provide masonry repair and tuckpointing to prevent moisture damage  | \$5,400      | 3-5 YRS  | C   | 3        |                              |              |              |              |              |              |              |              | \$ 7,390     |                    |              |              |              |              |              |
|  | Roof - Area 1: Replace roof system with modified bitumen roof   | \$1,134,360  | 1-3 YRS  | B   | 2        |                              |              |              | \$ 1,276,001 |              |              |              |              |              |                    |              |              |              |              |              |
|  | Roof - Area 2: Replace roof system with modified bitumen roof   | \$392,400    | 1-3 YRS  | B   | 2        |                              |              | \$ 424,420   |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Roof - Area 3: Replace roof system with modified bitumen roof   | \$396,900    | 1-3 YRS  | B   | 2        |                              |              | \$ 429,287   |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Metal Wall Panel: TBD - replacement or prep and repaint/replace trim components due to rusting  | \$768,000    | 3-5 YRS  | C   | 3        |                              |              |              |              |              |              |              |              |              | \$ 1,093,103       |              |              |              |              |              |
|  | Masonry Control Joints - Gym Walls: Remove and replace sealant at multiple locations  | \$4,800      | 3-5 YRS  | C   | 3        |                              |              |              |              |              |              |              |              | \$ 6,569     |                    |              |              |              |              |              |

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| ACCESSIBILITY  |  | \$0          |                    |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Drinking Fountains - Multiple: Adjust mounted height of drinking fountains   | \$6,000      | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 8,211     |                    |              |              |              |              |              |
|  | Group bathrooms (2) locations: Correct entries to provide required maneuver clearances   | \$12,000     | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 16,423    |                    |              |              |              |              |              |
|  | Locker rooms (2) locations: Correct entries to provide required maneuver clearances  | \$12,000     | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 16,423    |                    |              |              |              |              |              |
|  | Where knob Hardware exists, replace with lever door hardware   | \$15,300     | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 20,939    |                    |              |              |              |              |              |
| INTERIOR   |  |              |                    |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | At the Hot Water Heater: Abate exposed asbestos  | \$14,400     | BEYOND             | B   | 2        | \$ 14,400                    |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Masonry Interior Walls: Repair masonry and provide control/movement joints where warranted   | \$21,600     | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 29,561    |                    |              |              |              |              |              |
|  | Carpet Flooring: Replace worn carpet throughout.   | \$408,000    | 7-10 YRS           | N/A | 4        |                              |              |              |              |              |              |              |              |              |                    |              |              |              | \$ 679,350   |              |
|  | Replace damaged/rusted lockers in the Locker Rooms   | \$30,000     | 7-10 YRS           | N/A | 4        |                              |              |              |              |              |              |              |              |              |                    |              |              |              | \$ 49,952    |              |
|  | Where sagging/stained ACT Ceiling tiles occur, replace acoustic tiles/grid system to remain  | \$252,000    | IN HOUSE IN PHASES | N/A | 4        |                              |              |              |              |              |              |              |              |              |                    |              |              | \$ 403,460   |              |              |
|  | Vestibule at 217/137: Replace and install missing aluminum frame trim  | \$600        | 7-10 YRS           | N/A | 5        |                              |              |              |              |              |              |              |              |              |                    |              |              | \$ 961       |              |              |
|  | Science Classrooms: replace upper cabinets and secure to wall properly   | \$5,760      | 7-10 YRS           | N/A | 5        |                              |              |              |              |              |              |              |              |              |                    |              |              | \$ 9,222     |              |              |
| MECHANICAL   |  |              |                    |     |          |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Sprinkler Pipe Leak: Replace fittings as required to eliminate leak in Sprinkler Room  | \$2,400      | BEYOND             | B   | 2        | \$ 2,400                     |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Mechanical Room (A144): Replace failing water heater equipment to provide means of properly tempering the building's hot water supply. | \$85,800     | SUMMER 2022        | B   | 2        | \$ 85,800                    |              |              |              |              |              |              |              |              |                    |              |              |              |              |              |
|  | Toilet: Install floor drain for backflow maintenance   | \$3,900      | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 5,337     |                    |              |              |              |              |              |
|  | Toilet :Install floor drain for backflow maintenance   | \$3,900      | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 5,337     |                    |              |              |              |              |              |
|  | Toilet : Install floor drain for backflow maintenance  | \$3,900      | 3-5 YRS            | C   | 3        |                              |              |              |              |              |              |              |              | \$ 5,337     |                    |              |              |              |              |              |
|  | Building-wide: Replace galvanized steel piping with coper piping for domestic water supply   | \$544,800    | 10+ YRS            | N/A | 4        |                              |              |              |              |              |              |              |              |              |                    |              |              |              |              | \$ 943,417   |
|  | Roof: Replace Rooftop Air Handler-1*** with energy efficient equipment which meets current ventilation requirements                    | \$299,400    | 1-3 YRS            | C   | 3        |                              |              |              |              |              |              | \$ 378,837   |              |              |                    |              |              |              |              |              |



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