



List of major Scope Items to be Estimated and Prioritized

1. New Classroom Ventilation

- a. RTU's (2 per wing)
- b. Structural Upgrades
- c. Controls
- d. Ceiling Soffits (may require sprinkler modification) or exposed round duct
- e. Remove UV's from Wing 3
- f. Replace ceilings in classroom wing corridors

2. New Classroom Heating

- a. Replace fin tube in Wings 1 and 2

3. New Classroom Lighting (Wings 1, 2 and 3)

- a. Remove and dispose of existing lighting
 - i. Wings 1 and 2: (2 rows, surface mounted 2-lamp linear fluorescent wraps)
 - ii. Wing 3: 3 rows, 2x4, 3-lamp fluorescent lay-in)
- b. Install new 2x2 lay-in LED fixtures
- c. Replace ceiling tiles
- d. Reinstall ceiling projector in exg a/v ceiling plate
- e. Lighting control system
- f. Replace lighting in classroom wing corridors

4. Add Power and Data

- a. All three wings

5. Replace Classroom Built-ins

- a. See Scope Plan for quantities
- b. Replace sinks in sink bases

6. Replace Classroom Flooring

- a. Abate VAT in classrooms (See Scope Plan). Corridors have been abated
 - i. Would recommend test for mastic below VAT
- b. Install new VCT and wall base in corridor and classrooms in classroom wings

7. Replace Classroom Doors and Hardware

- a. Wings 1 & 2 HM frame to remain

- b. Wing 3 replace wood frames with HM

8. Replace window wall system

- a. Wings 1 and 2: Remove existing continuous single pane aluminum window wall system
 - i. Approximately 8' tall by entire length
 - ii. Existing base 4" brick & 4" CMU, back up interior with 2" rigid before installing fin tube
 - iii. Confirm PCB condition
- b. Replace with thermally broken aluminum storefront system
 - i. 40% spandrel glass with cavity filled insulation
 - ii. 60% glazing system with 1" IGU, low "E" glass
Note west elevations to be tinted to reduce heat load
 - iii. Operable awning windows (approx. 6 - 1'-6" x 3' per classroom)
- c. Wing 3: Replace sliding door/windows
 - i. Remove existing sliding door system (1 per classroom)
 - ii. Replace existing CMU infill with thermally broken aluminum storefront system (see above)
 - iii. Aluminum Storefront base wall similar to above

9. New Admin/Entrance

- a. Entrance Addition
- b. Interior renovation

10. Site Improvements

- a. See concept Site Plan
- b. Exterior Lighting
 - i. Replace building mounted HID with LED
 - ii. Install pole lighting at parking areas

11. Toilet Rooms

- a. New/reconfigured toilet rooms per plan layout (shown shaded blue on Scope Plan)

12. Upgrade Heating Plant

- a. Replace original boiler
- b. Install combustion air system
- c. New controls
- d. New hot water piping to classroom wings

- e. New tankless heaters/ storage tank
- f. New mixing valve & circulation pump

13. Electrical Distribution

- a. Eliminate old antiquated electrical equipment
- b. Eliminate aluminum feeders
- c. Eliminate Non-metallic sheathed (Romex) cabling
- d. Remove the original switchboard currently used as a junction and extend feeders in main electric room
- e. Add receptacle circuits throughout (particularly in classrooms)

14. Emergency Lighting

- a. New inverter system with new Life-Safety lighting system
- b. Generator connect to Life-Safety Lighting, minimal mechanical equipment with freeze protection and to kitchen cooler and freezer

15. Fire Alarm System

- a. Replace Fire Alarm System

16. CCTV

17. Intrusion Detection System

18. Intercom/Paging System

Note:

- Harvey to determine approximate costs of major scope items presented above.
- JBC to prioritize major scope items that can be funded through available funds.
- Based on agreed to scope, Harriman to finalize design documents.

Phase 1 Schedule

- 1. Complete Gym fit-up drawings (arch and elec): 5/26
- 2. Complete Phase 1 scope determination: 6/6
- 3. Complete Phase 1 DD Set: 7/13
 - a. 5 weeks (with 7/4 holiday)

Dover School Department
Garrison Elementary School Renovation
Phase 1 Scope Determination

- 4. Complete Early Foundation/Steel: 7/20
- 5. Establish DD Estimate: 8/3
- 6. Complete CD: 8/24
- 7. Bids Due to Harvey: 9/24
- 8. Establish GMP:

