

MATHEMATICS
September 30, 2010

I. PROGRAM REQUIREMENTS

Refer to the project-specific Schedule of Spaces for student stations, square footage, and for any requirements that may differ from the prototype requirements listed below:

- 14 Classrooms
 - 1 "I Can Learn" Classroom
 - 1 Department Head Office
 - 1 Teacher Planning/Material Storage Rm
 - 2 Staff Toilet Rooms

II. PROGRAM FURNITURE AND EQUIPMENT

Refer to the Furniture and Equipment List for Owner-provided furniture and equipment.

III. SPECIAL CONSIDERATIONS

1. Heating/Ventilation/Air Conditioning

Standard, refer to the General Design Requirements section.

2. Acoustical

Standard, refer to the General Design Requirements section.

3. Floor

Standard, refer to the General Design Requirements section.

4. Walls

Standard, refer to the General Design Requirements section.

5. Ceiling

Standard, refer to the General Design Requirements section.

6. Lighting

Standard, refer to the General Design Requirements section.

7. Windows

Standard, refer to the General Design Requirements section.

8. Doors

Standard, refer to the General Design Requirements section.

9. Water

Provide one (1) toilet and one (1) wall-mounted lavatory with cold water in each Staff Toilet Room.

10. Communications

Provide a clock, speaker and intercom handset in each Classroom and in the Teacher Planning/Material Storage Room.

Provide a clock and speaker (no intercom handset) in the Department Head Office, in accordance with the General Design Requirements section and SDHC standards.

Provide a data outlet with adjacent power outlet in each Classroom, and in the Teacher Planning/Material Storage Room and Department Head Office, in accordance with the General Design Requirements section and SDHC standards.

In addition, in the "I Can Learn" Classroom, provide power poles with the appropriate number of data and associated power outlets to serve approximately 26 computer workstations. Data cables are to terminate at a dedicated 48-port patch panel located in the nearest systems room.

Provide a TV bracket with DVD/VCR bracket, CCTV jack, and adjacent power outlet in each Classroom, in accordance with SDHC standards.

11. Electrical

Standard, refer to the General Design Requirements section.

12. Gas and Air

Not applicable

13. Safety

Standard, refer to the General Design Requirements section.

14. Fencing

Not applicable

15. Service Drives

Not applicable

16. Parking

Not applicable

17. Contractor-Provided Equipment and Casework

Not applicable

18. Contractor-Provided Instructional Aids

Classrooms (each)

Provide a 12' wide x 4' high regular markerboard with a 4' wide x 4' high grid markerboard on one (1) side (grid to be 2" x 2") and a 4' wide x 4' high tackboard on the other side, bottom to be mounted 36" above the floor.

Provide a wall-mounted audio-visual projection screen, approximately 70" x 70", centered over the markerboard.

19. Other Considerations

"I Can Learn" is a system of interactive software used for teaching mathematics. This Classroom will house 25 student computers, 1 teacher computer, printer and server. The layout of the computer tables will be determined by the Owner during design.

SPACE RELATIONSHIPS

