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## Laura MacArthur Elementary

### Greenspace Safety

#### Site Optimization

This urban school site has the benefit of:

1. Multi-story building design to reduce footprint
2. Building location to maximize and efficiency
3. Separate staff, visitor and bus parking areas
4. Purchase of 11 residential homes to expand site and connect to adjacent park

The reasons that the parcels were chosen at this site are they are contiguous with property already owned by the school district and there is a master plan to connect the school to Memorial Park. Portions of Central Avenue and Cody Street would be closed for safety and greenspace issues and has been discussed with the City of Duluth.

#### **Evaluation Process for site expansion:**

**Evaluated:** existing vehicular and pedestrian traffic patterns

Existing site drainage patterns

**Identified:** existing utility locations

Parks and other green space

Locations of city, county or state owned property near site

City of Duluth school facility parking ordinances

Potential solutions to efficiently meet educational adequacy requirements.

Potential solutions to create safe separation of pedestrian and vehicular traffic

Potential solutions to provide efficient traffic patterns.

Potential solutions that meet all applicable building codes

**Explored:** local, regional and national best practice models

**Located:** existing facility parameters that may affect potential solutions.

**Consulted:** The Minnesota Department of Education.

