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## Ordean School

### Safety Greenspace Parking

#### Site Optimization

This large (for Duluth) school site will be enhanced by:

1. Purchase of land on the **west side** for softball field, tennis courts, and soccer field.
2. Potential creation of a second entrance off of Superior St. to ease congestion on 40<sup>th</sup> Ave. and keep students off neighborhood streets.
3. Multi-story building design to reduce footprint.
4. Separate student parking, bus drop-off, and parent drop-off locations.
5. Building location to maximize greenspace.
6. Planned parking capacity of 450 exceeds City of Duluth requirement, and is larger than existing parking at current Central HS (401), East HS (184), and Denfeld HS (242).
7. Bus loop parking to be striped for added event parking.

The reason these three parcels were selected was the least impact on the adjacent community. Safety was also a concern as students would not have to cross 40<sup>th</sup> Avenue which is high traffic street. Significant Greenspace can be accomplished by the one parcel and the other two parcels may provide an alternate access for safety reasons.

#### **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