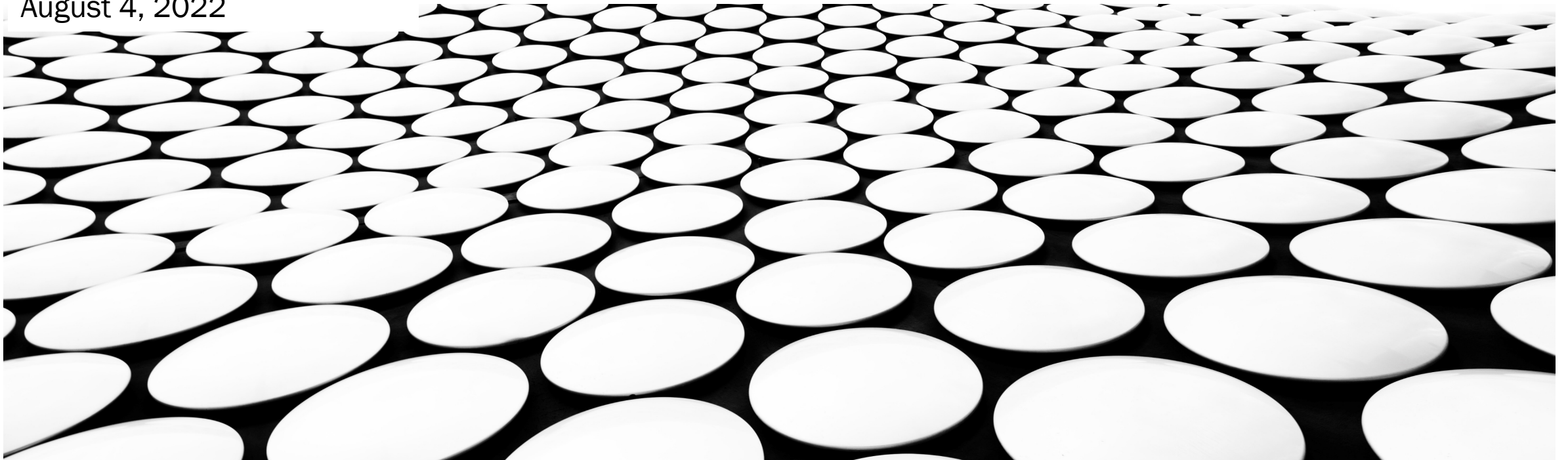

SOUND MITIGATION WALL – WOODLAND BRANCH

PROJECT FINDINGS

Infrastructure Subcommittee
August 4, 2022



POTENTIAL OPPORTUNITY & PROJECT APPROACH

- The Los Altos Woodland Branch Library consists of one open space area that are conceptually “divided” into two sections, the Adult area and the Children’s area
 - There are no internal walls to physically separate the adult section from the children’s section.
 - There is no separate quiet area for adults to work/read.
 - School children either studying alone or in groups and school children being tutored make up a large portion of the library patrons during weekday afternoons and all day on the weekends.
- The Infrastructure Subcommittee has been investigating various means for creating a quiet adult area.
- Our approach entailed:
 - Meeting with an architect who suggested constructing one or two walls of soundproof glass with door(s) in order to separate the library into two sections thereby providing a quiet adult area.
 - Investigating glass-walled soundproof rooms at other library locations
 - Morgan Hill
 - Cupertino Library
 - Obtaining initial cost estimates and preliminary drawings

KEY FINDINGS:

- Only one glass wall with one or two doors would be required to create a quiet adult space.
- Rough cost estimates are \$700 per running linear foot = approx. \$40,000 to provide one glass wall from the front door to the back wall. This estimate includes materials and installation
- The panels could be held together either by mullions which would go between each panel or by caulking. (See examples in next slide)
- A mechanical engineer would need to be consulted to determine if any adjustments to the HVAC would be necessary.
- Bryant Bao suggested that this project, if implemented, would best be carried out in conjunction with a reassessment to determine the optimal internal layout of the Woodland Branch.

EXAMPLES OF GLASS WALLED QUIET AREAS IN LOCAL LIBRARIES

Morgan Hill



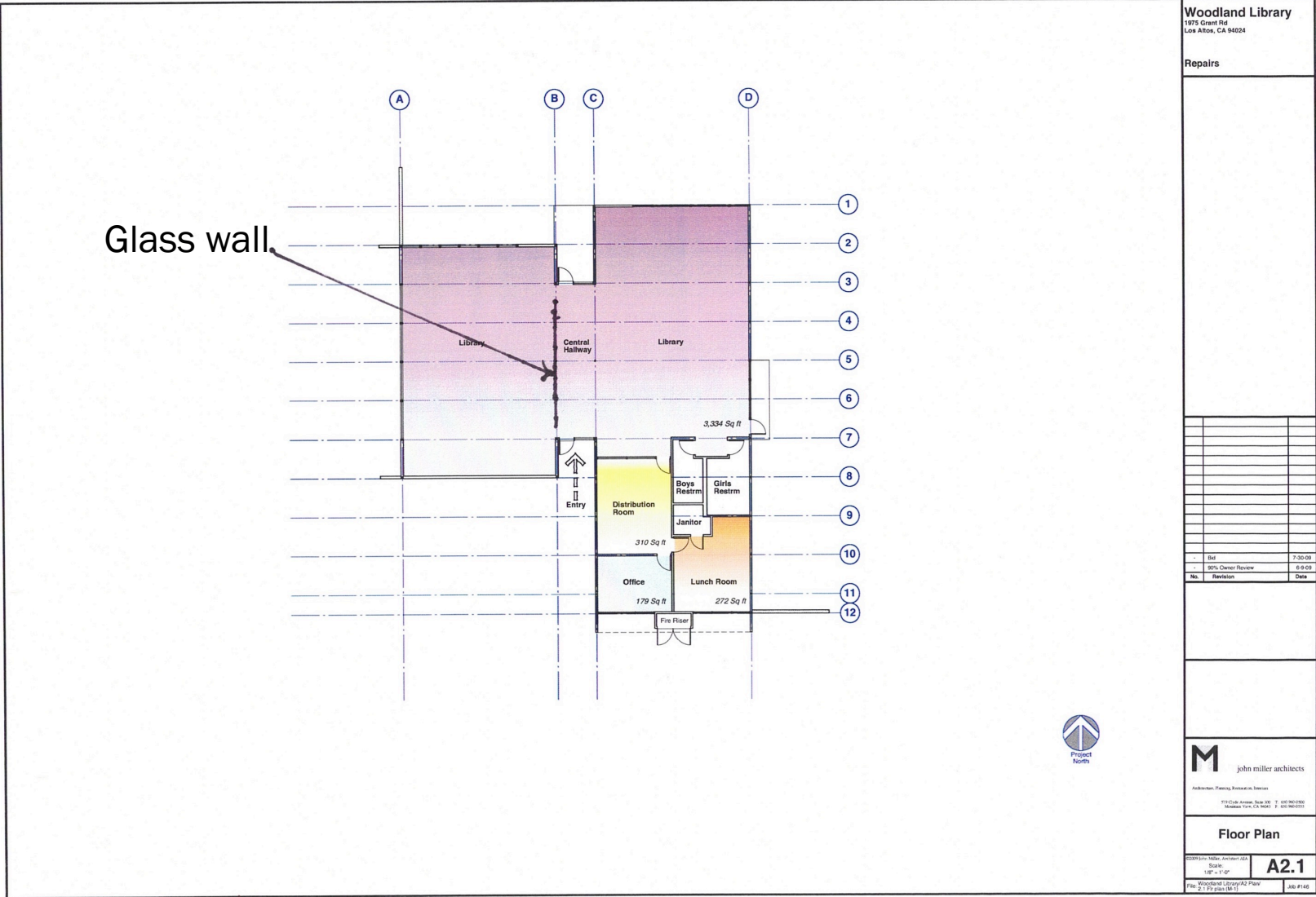
Glass panels connected with mullions

Cupertino



Glass panels connected with caulking

LOCATION OF PROPOSED SOUND MITIGATION GLASS WALL AT WOODLAND



PHOTOS SHOWING LOCATION FOR PROPOSED GLASS WALL AT WOODLAND

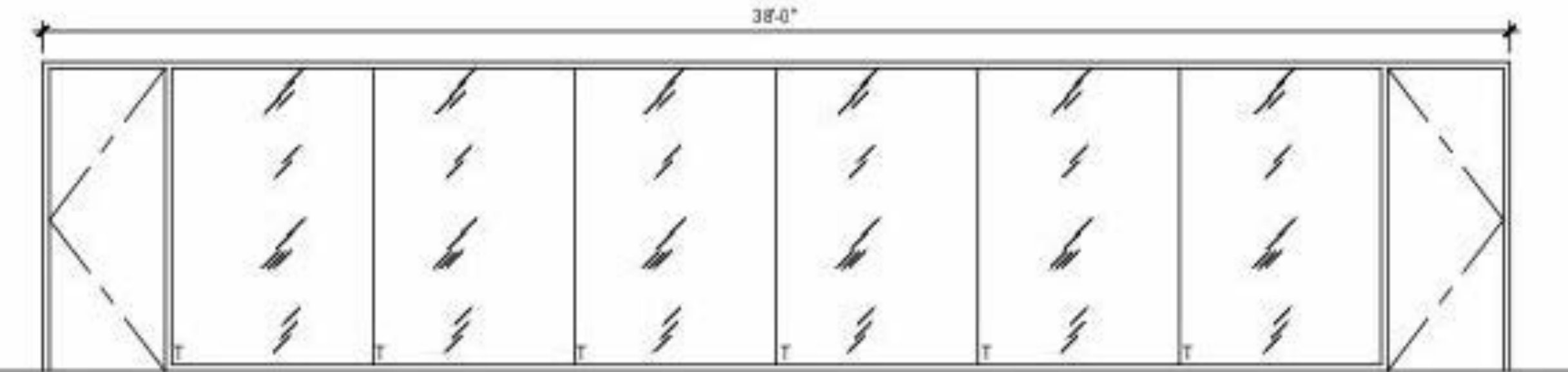
8 foot high ceiling section – left side



8 foot high ceiling section – right side



SIDE VIEW OF PROPOSED GLASS WALL WITH TWO DOORS



○ SINGLE FLUSH
W/ SIDELIGHT

NEXT STEPS:

- 1. Review of project proposal by Commission
- 2. If approved by Commission, submit to SCCLD.
- 3. Review by SCCLD.