I. INTRODUCTION

The Preuss School’s Education Subcommittee and Long Range Planning Subcommittee have identified a programmatic need for additional classroom space to support technology and engineering coursework. In 2015 the Preuss School in collaboration with UC San Diego staff applied for and were awarded grant funds via California State Proposition Z for a Fabrication Lab. The Fabricating Lab would be housed in a new modular building placed in the northeast corner of the Preuss School campus (Figure 1). Acceptance of the includes an agreement between UC San Diego and San Diego Unified School district for the Fab Lab to stay in place for 20 years on this site. That agreement may be extended if both parties agree to do so.

Students learn in the classroom and online about various projects and applications. They then apply what they have learned in labs using power and hand tools. Currently these types of activities include, work benches, vises, dust collection, classroom tables, extension cords, rolling carts and secure storage within improvised locations, including hallways and outdoor space. This is less than ideal and in some cases causes safety concerns. The Fabrication Lab would help provide an appropriate space for these activities.

II. PROJECT DESCRIPTION

The existing site is occupied by an old trailer which would be removed as well as some Eucalyptus trees and an outdoor storage area that covers approximately .25 acres. The 2,700 GSF modular building would be located adjacent two existing modular class rooms. The project proposes minor site improvements that include a linear retaining wall and planted buffer to the north between the Preuss School and utility plant. In addition, hardscape improvements to allow fire access and ADA path of travel from the adjacent site will be required (Figure 2).

III. PLANNING PARAMETERS

The proposed site is within the current Preuss School campus and is consistent in terms of land use for their programs. The New modular building would match the existing modular buildings on the site. Several mature Eucalyptus trees would need to be removed to create the pad for the new modular building and some site grading will be required.

V. RECOMMENDATION

UC San Diego is working with San Diego Unified School District towards the use of these grant funds in the development of the site and will retain an architect to assist in the preparation of Preuss School Fabrication Lab Site Evaluation.
construction plans. Upon completion of Schematic Design the project will return for comment. The Committee is asked to endorse the site for the Fabrication Lab.
Legend
- Modular Building 2700 SF
- Enhanced Paving 2050 SF
- Landscape Planting 1200 SF
- Landscape Buffer 4700 SF

Notes
- Will require 120 linear feet of retaining wall to prepare pad
- Provide budget for lighting and site furnishings
- Assume 10' setback from existing fence to the west
- Would require the removal of a 600 SF existing trailer

Preuss School Fabrication Lab
Site Evaluation
FIGURE 2