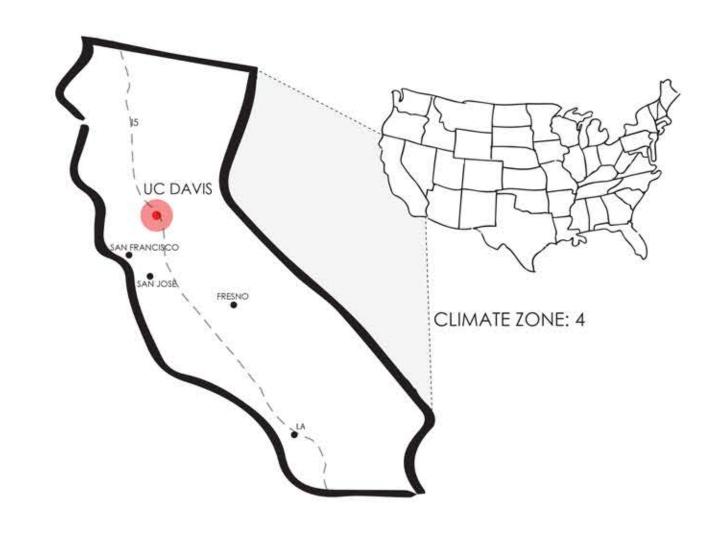
# EXISTING RETROFIT FOR ENHANCED PERFORMANCE



Cruess Hall on the
University of California,
Davis campus. It is a
22,000 sf structure built
in 1959. Over the years it
has had many uses
included being a meat
processing plant and is
to become a multi-use
space which will include
an auditorium and
wood shop to name a
few.

UC DAVIS CRUESS HALL ENVELOPE ANALYSIS

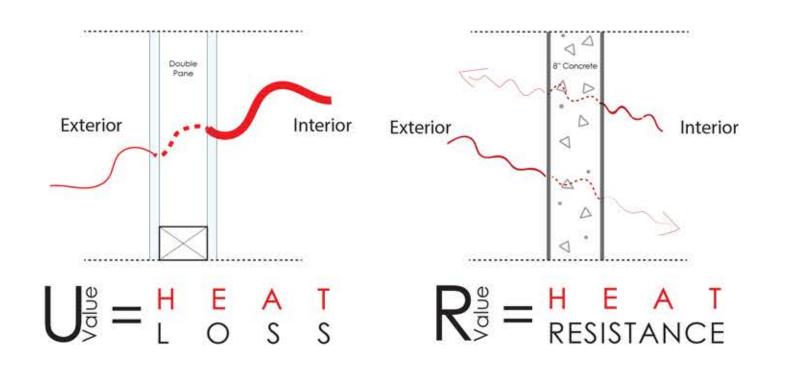
## LOCATION: CALIFORNIA

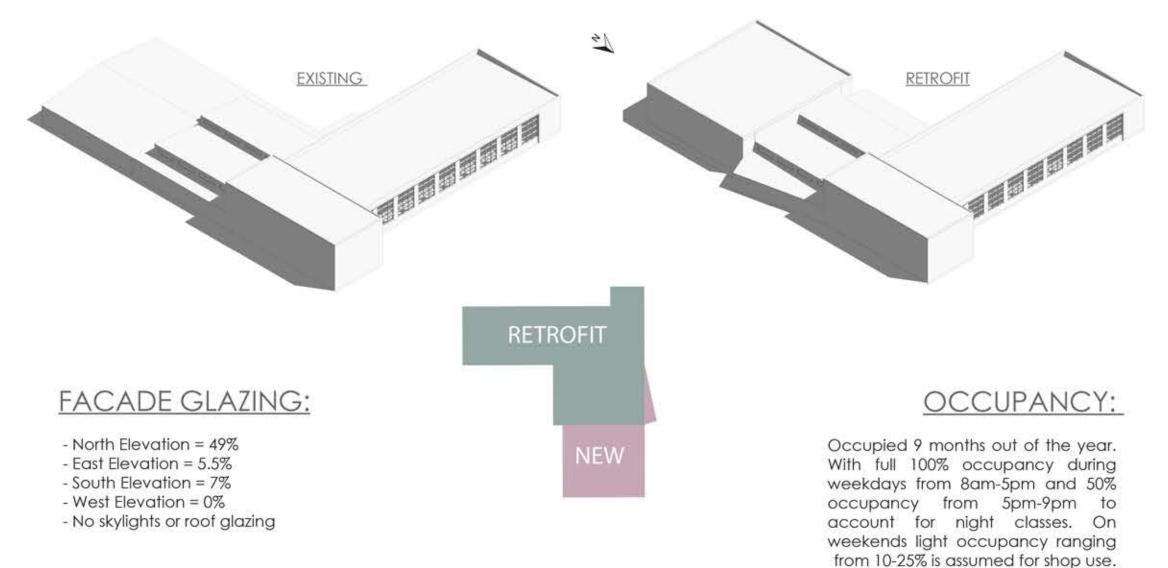


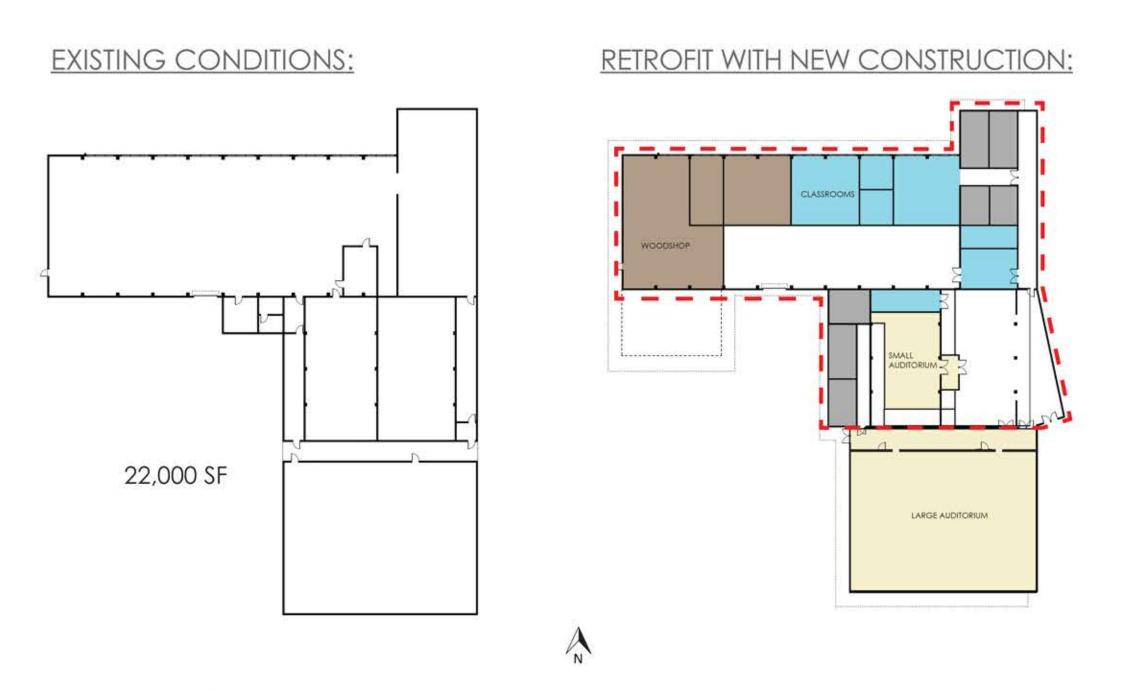
# WHAT IS BEING MEASURED?



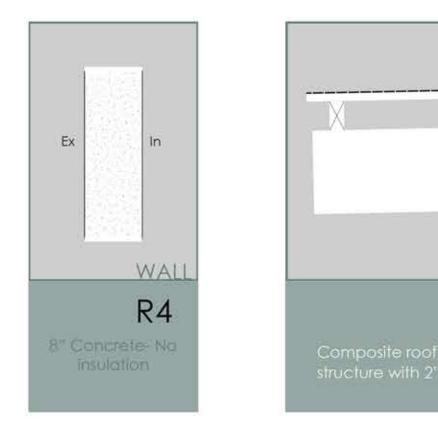
ANNUAL ENERGY USE ÷ TOTAL SF = EUI

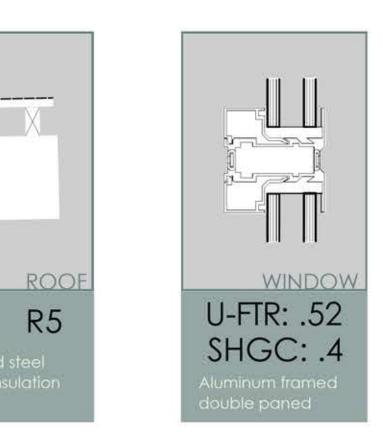






#### EXISTING ASSEMBLY

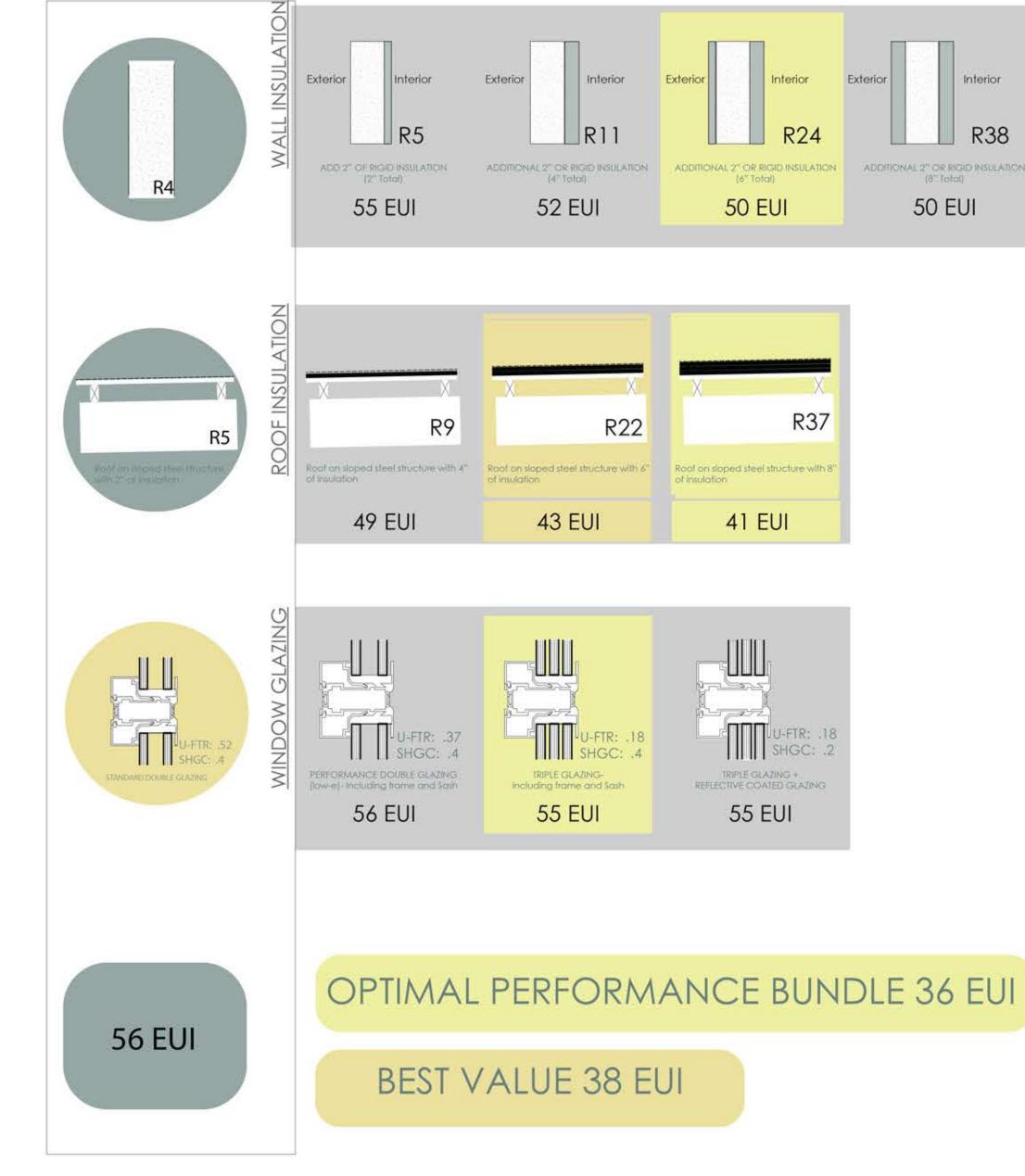




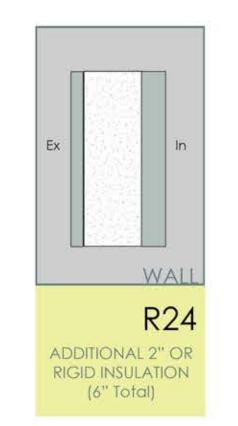


# SCHOOL OF ARCHITECTURE CORY GRIFFIN; NICOLE DE JONG; JOE WILSON

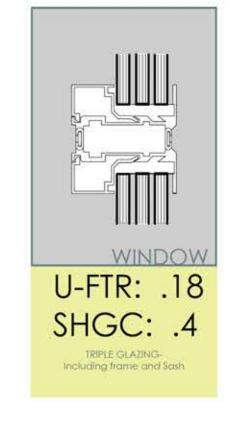
## TESTING RETROFIT OPTIONS



# **OPTIMAL ASSEMBLY**







Annual Energy Consumption: 948,598 kBTU

EUI: 36







