





QLEAR

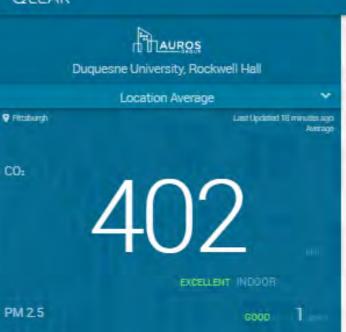
TOTAL VOC

TEMPERATURE

HUMIDITY

PM 10

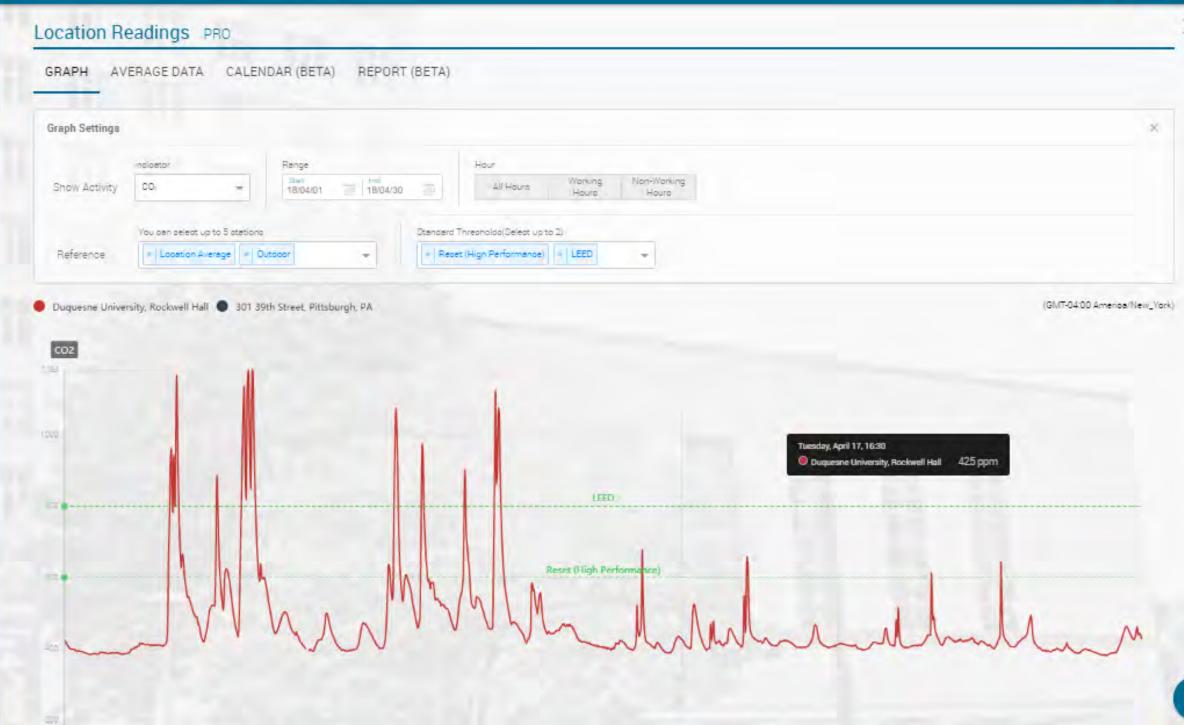




good 0.06

73

50.67



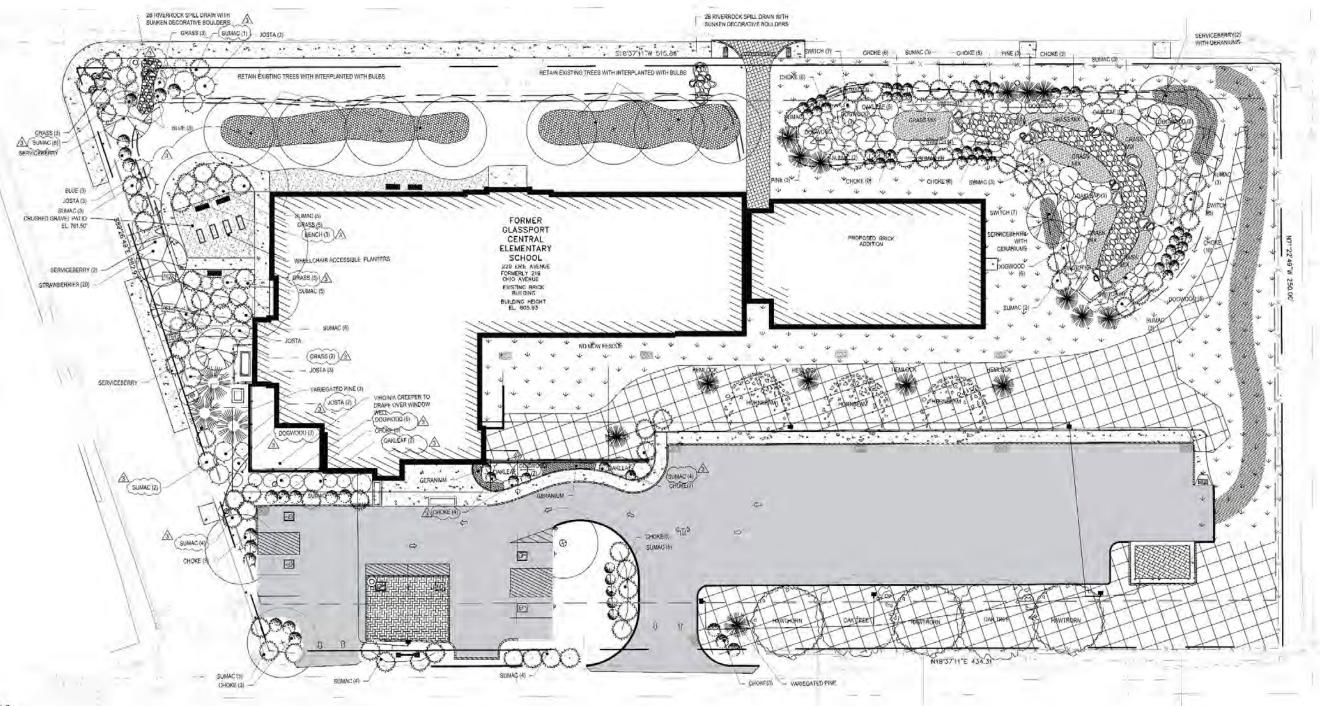




TWO BUILDINGS IN ONE

## Glassport Retirement Residence













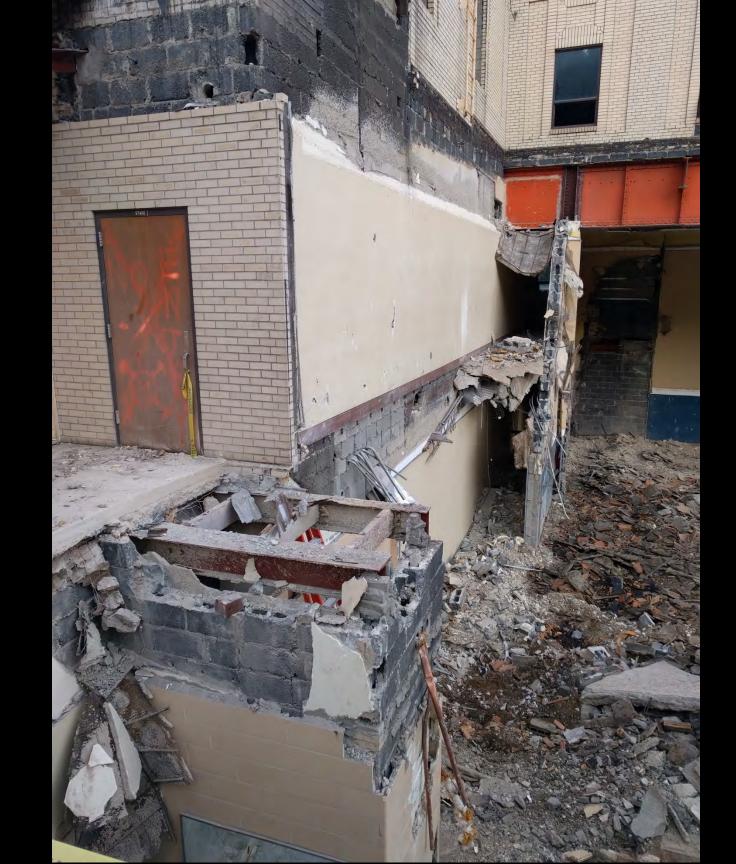






### Need for New Wall

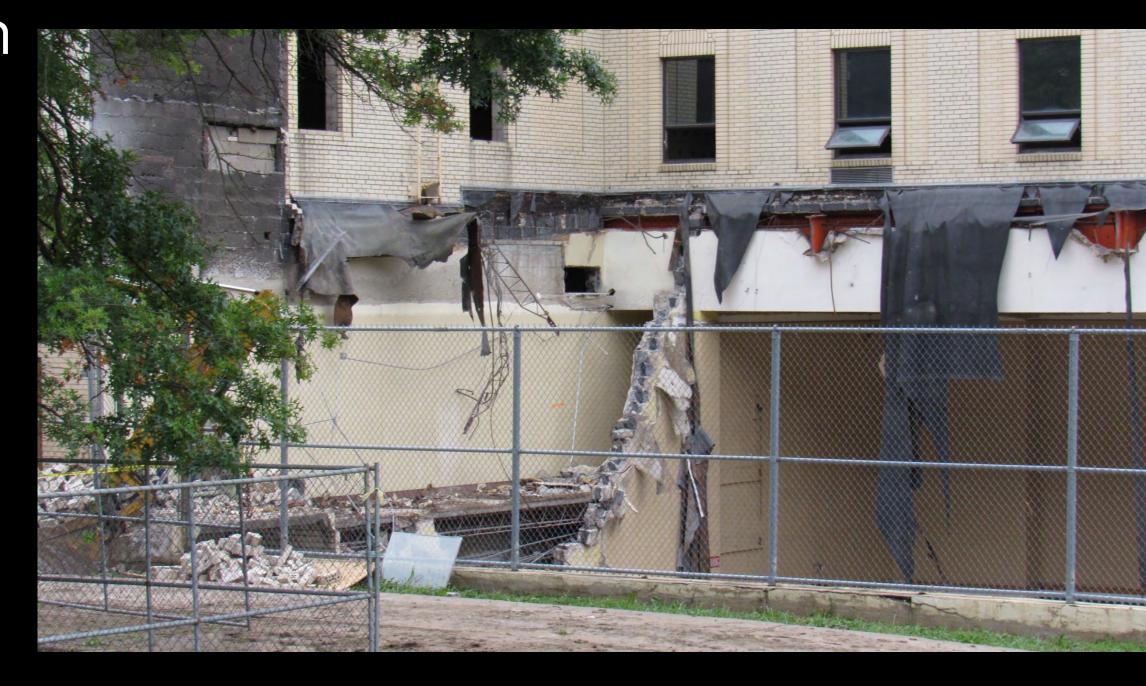
- 1. Contractor wanted plumb surface for insulation attachment.
- 2. Contractor concerned about air sealing uneven wall surface.
- 3. Existing wall contained holes and protrusions.
- 4. Two plaster walls not in same plane.



# Demolition



# Demolition

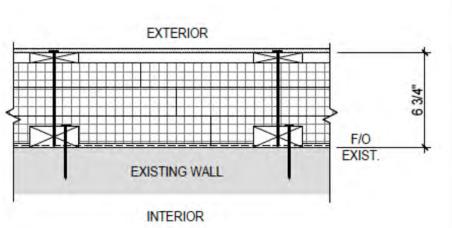


## Demolition

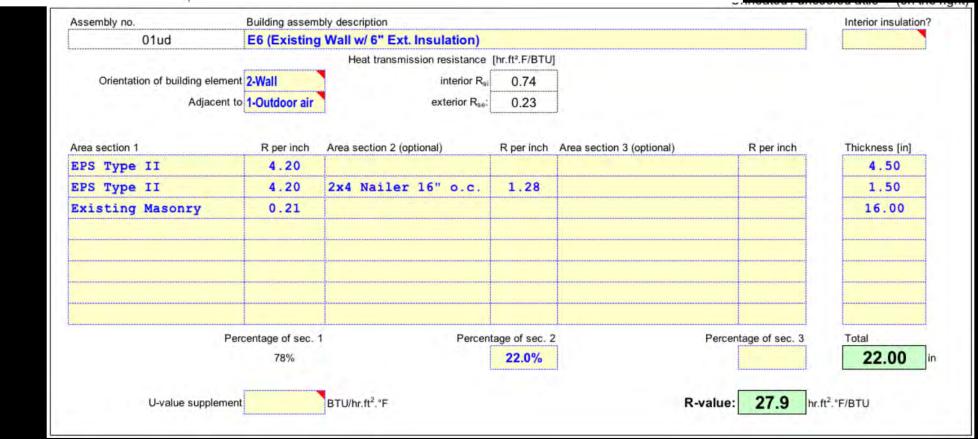


# Evolution: Original Concept

EXTERIOR WALL
CLADDING OVER
EXISTING WALL W/ INSUL

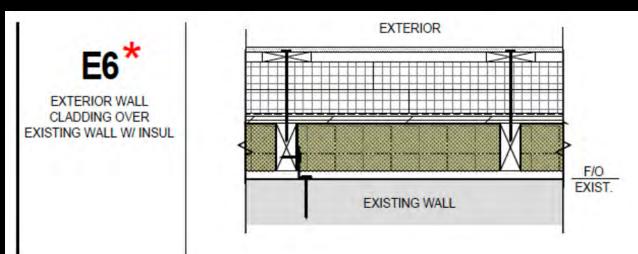


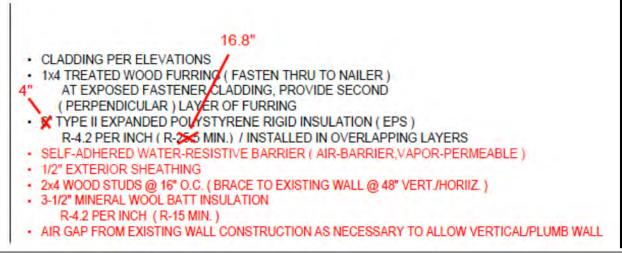
- CLADDING PER ELEVATIONS
- 1x4 TREATED WOOD FURRING (FASTEN THRU TO NAILER) AT EXPOSED FASTENER CLADDING, PROVIDE SECOND (PERPENDICULAR) LAYER OF FURRING
- 6" TYPE II EXPANDED POLYSTYRENE RIGID INSULATION (EPS)
   R-4.2 PER INCH (R-25.5 MIN.) / INSTALLED IN OVERLAPPING LAYERS
- 2x4 TREATED WOOD NAILER ATTACHED TO EXISTING WALL
- SELF-ADHERED WATER-RESISTIVE BARRIER (AIR-BARRIER, VAPOR-PERMEABLE)
- EXISTING CONSTRUCTION

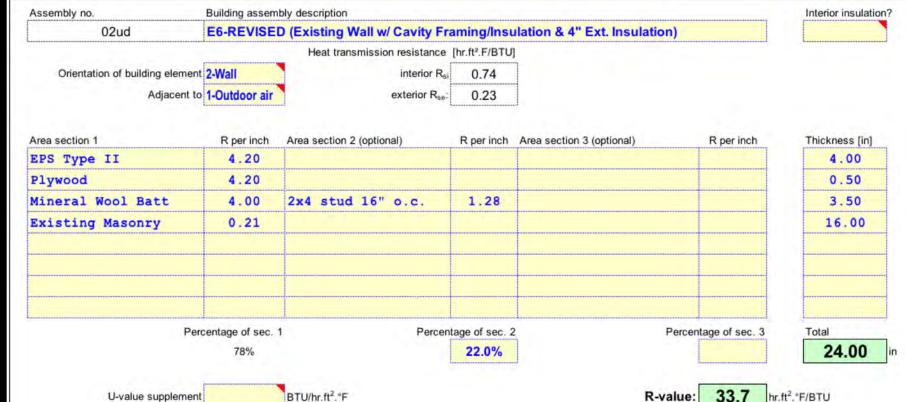




### Evolution: New Concept









## New Wall





## New Wall



### New Wall

