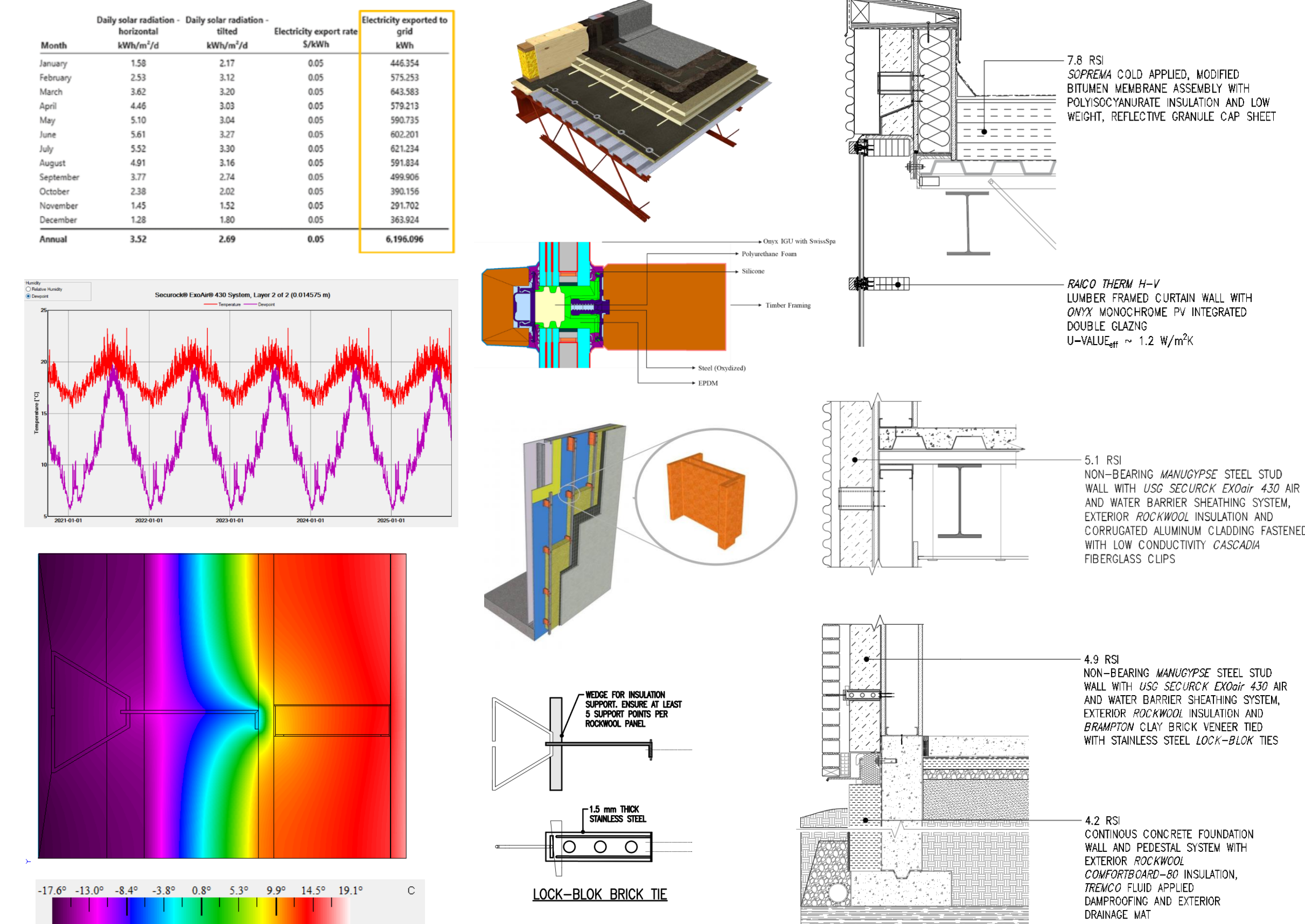




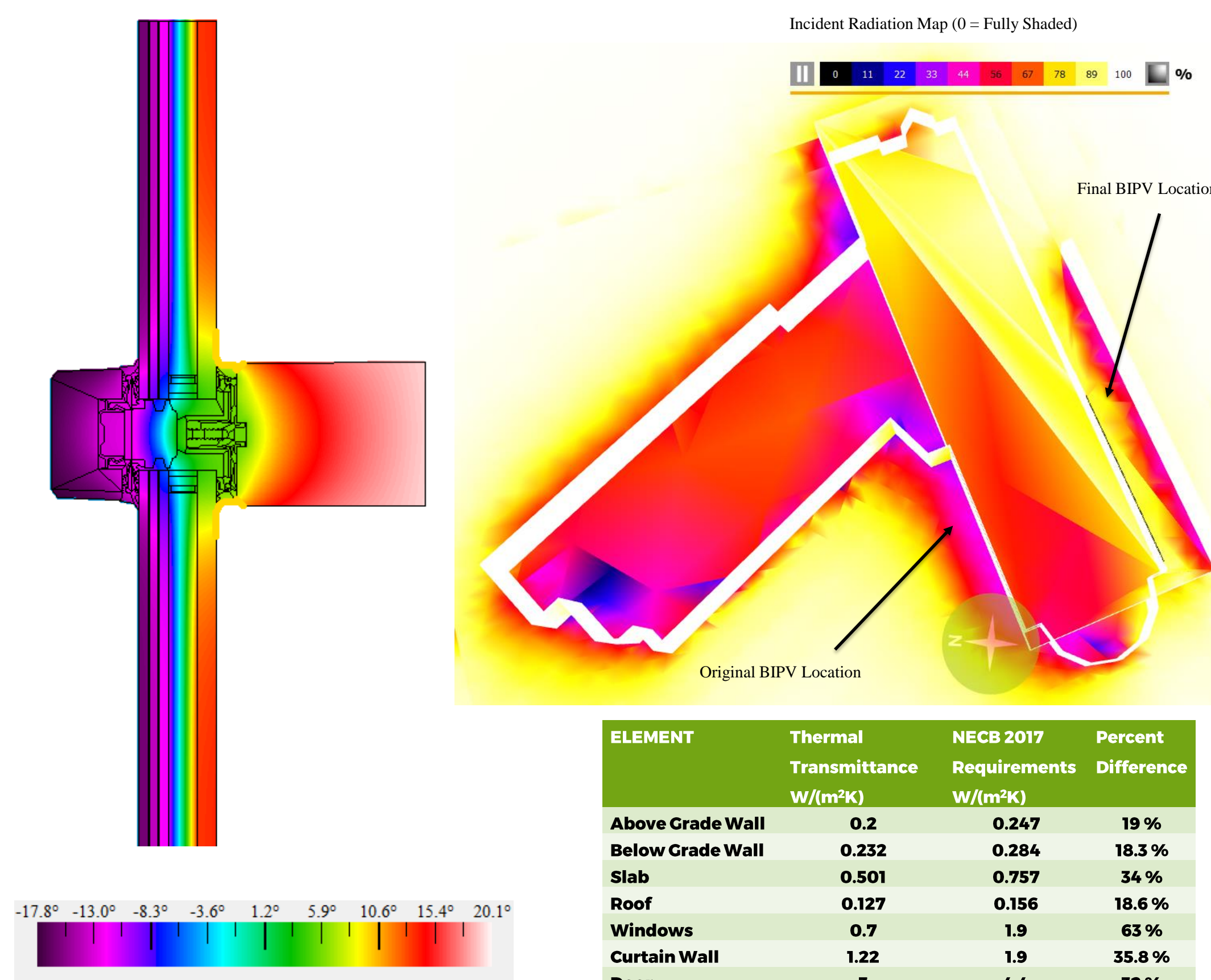
EAST HILL ELEMENTARY CAPSTONE PROJECT - ALPHA TEAM



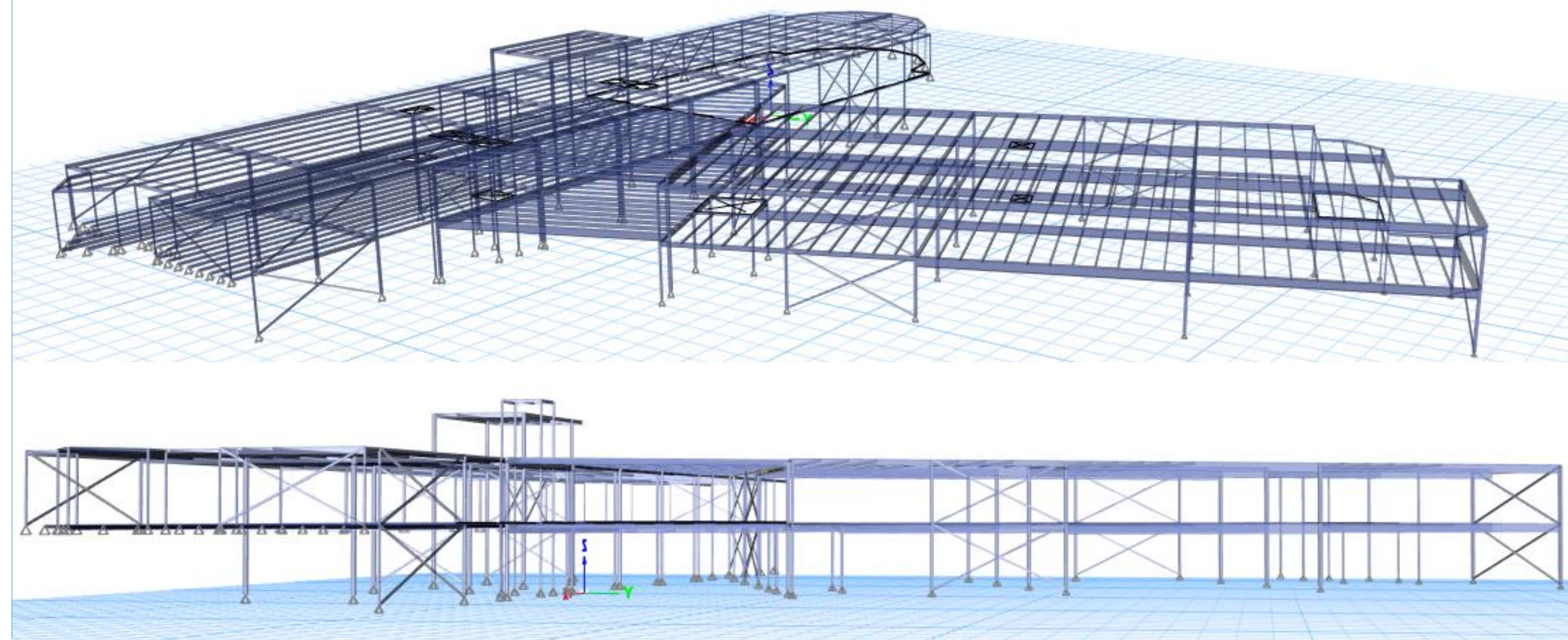
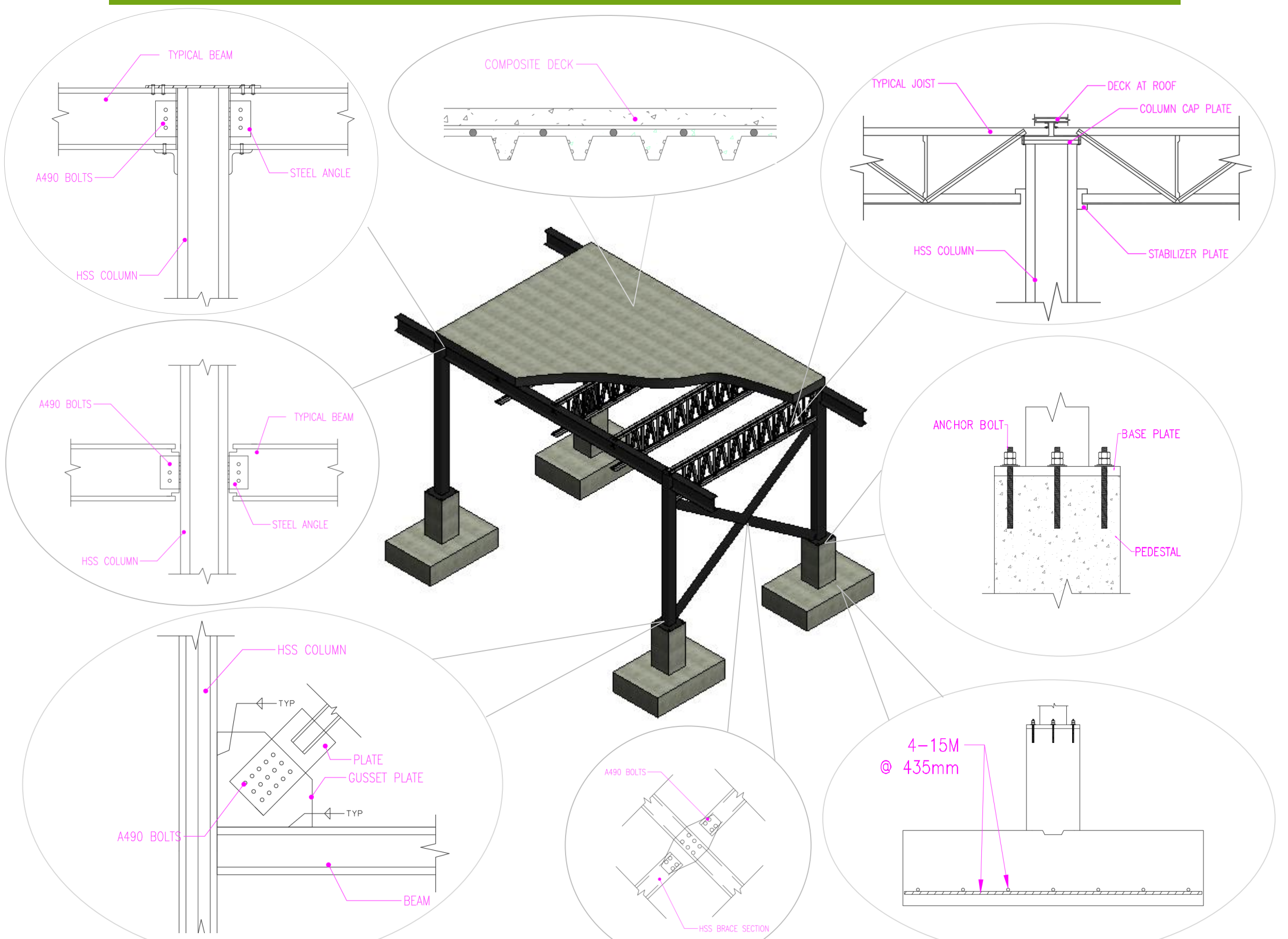
ENVELOPE



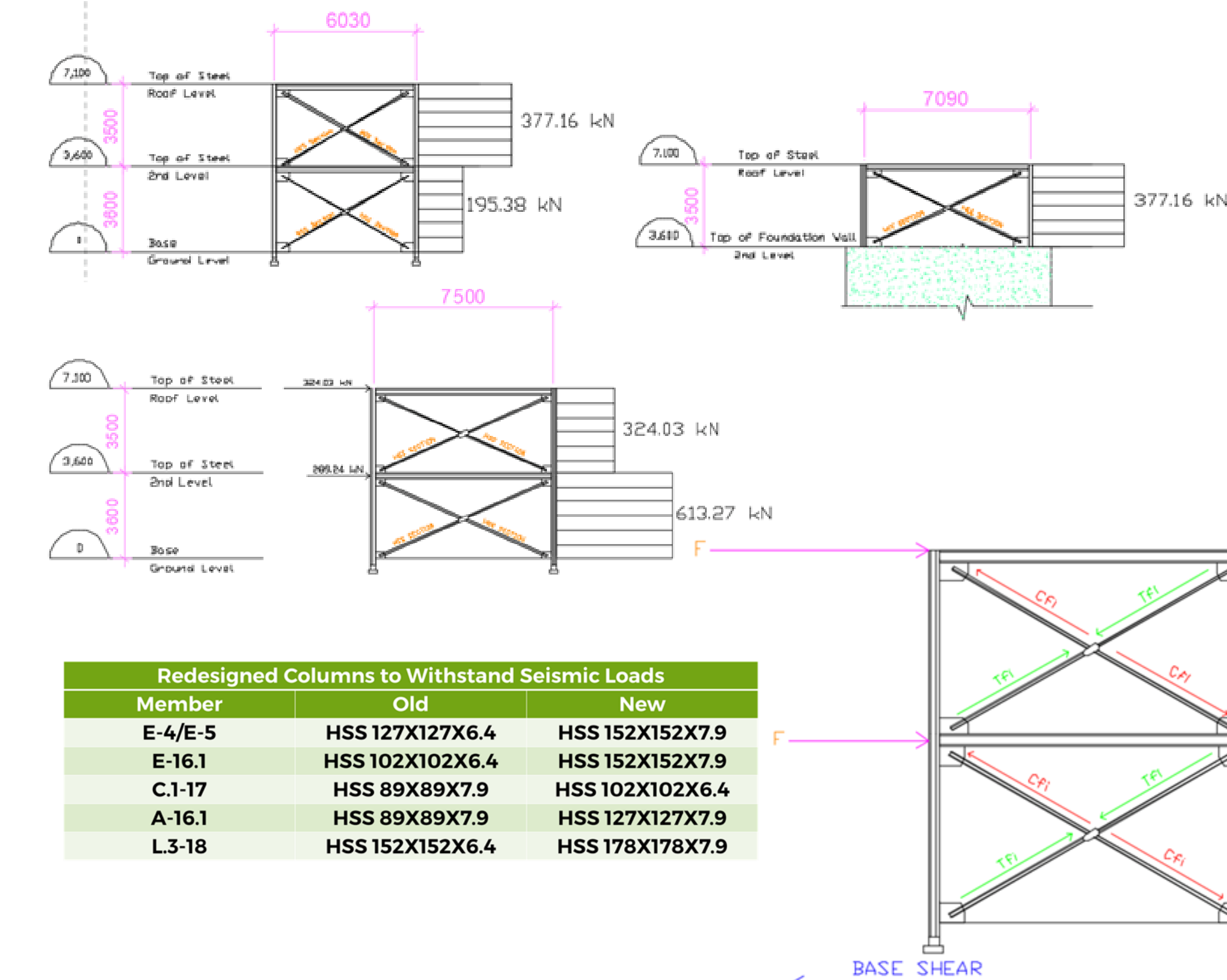
MAIN RESULTS



STRUCTURE



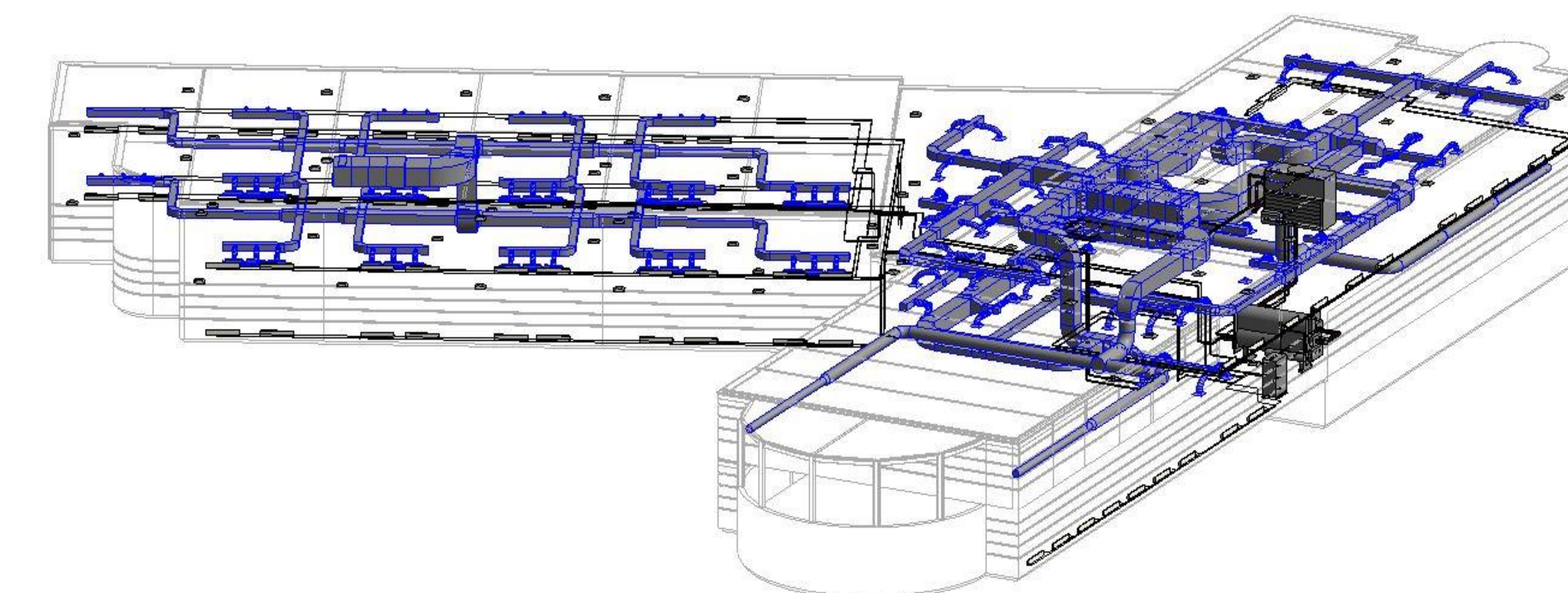
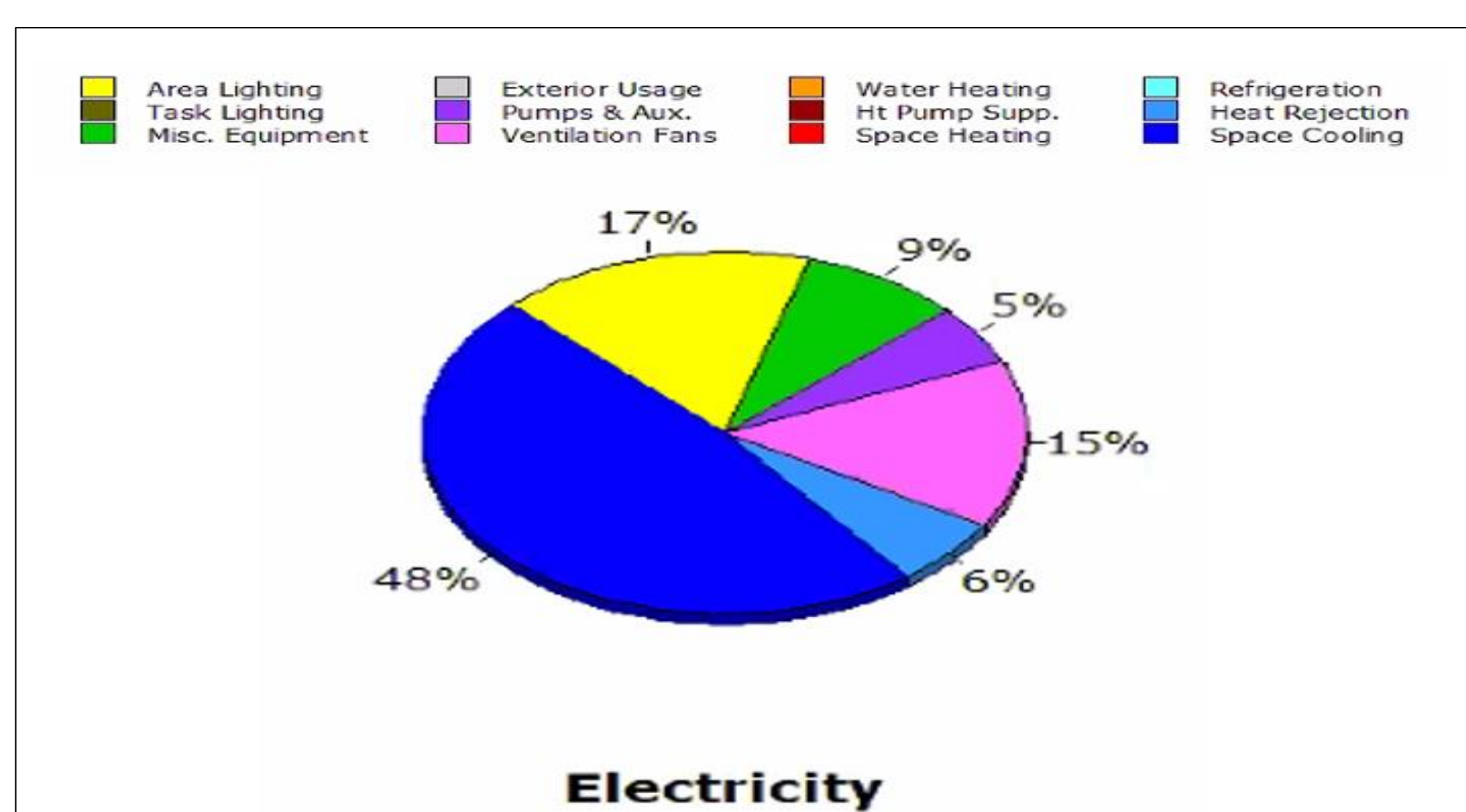
MAIN RESULTS



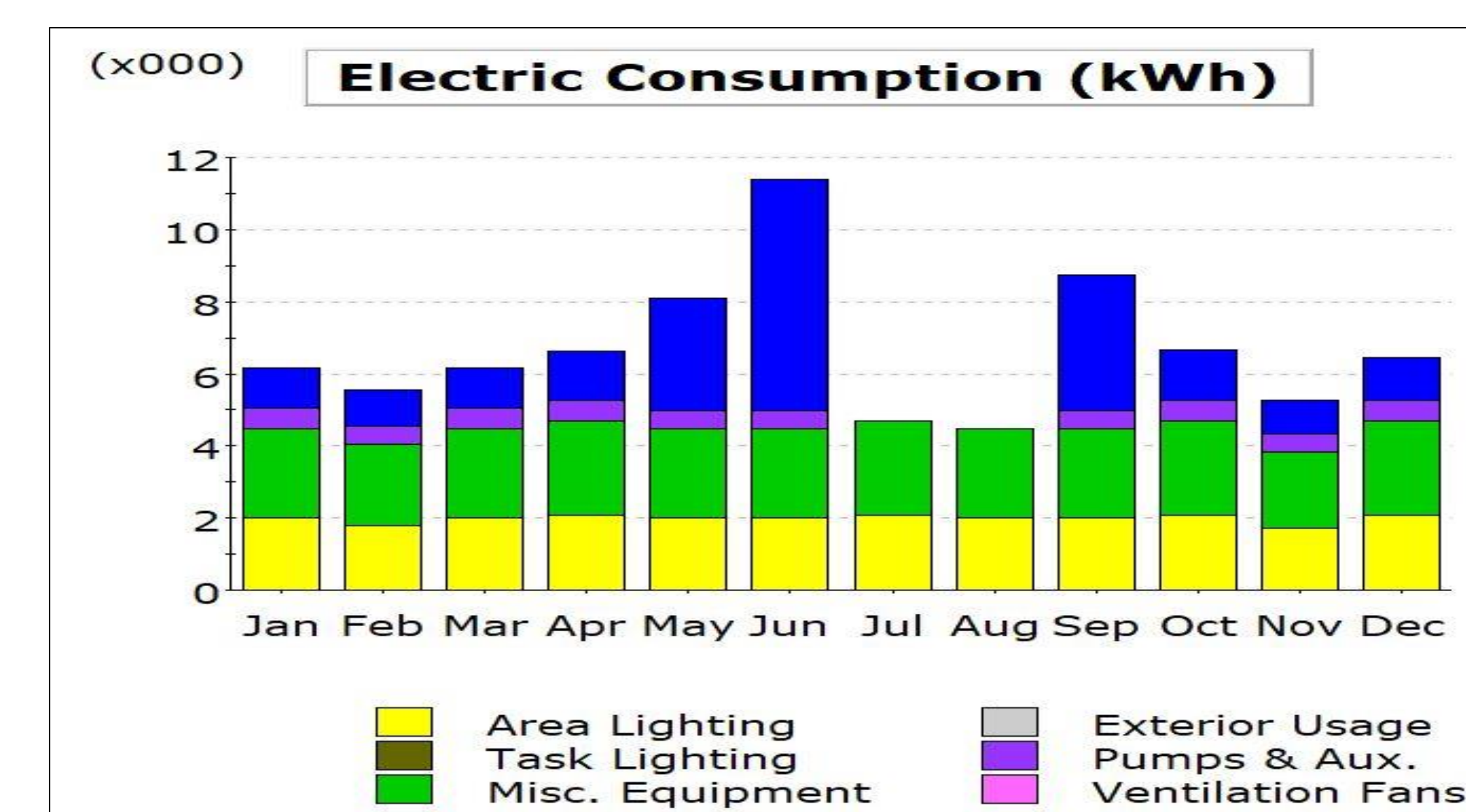
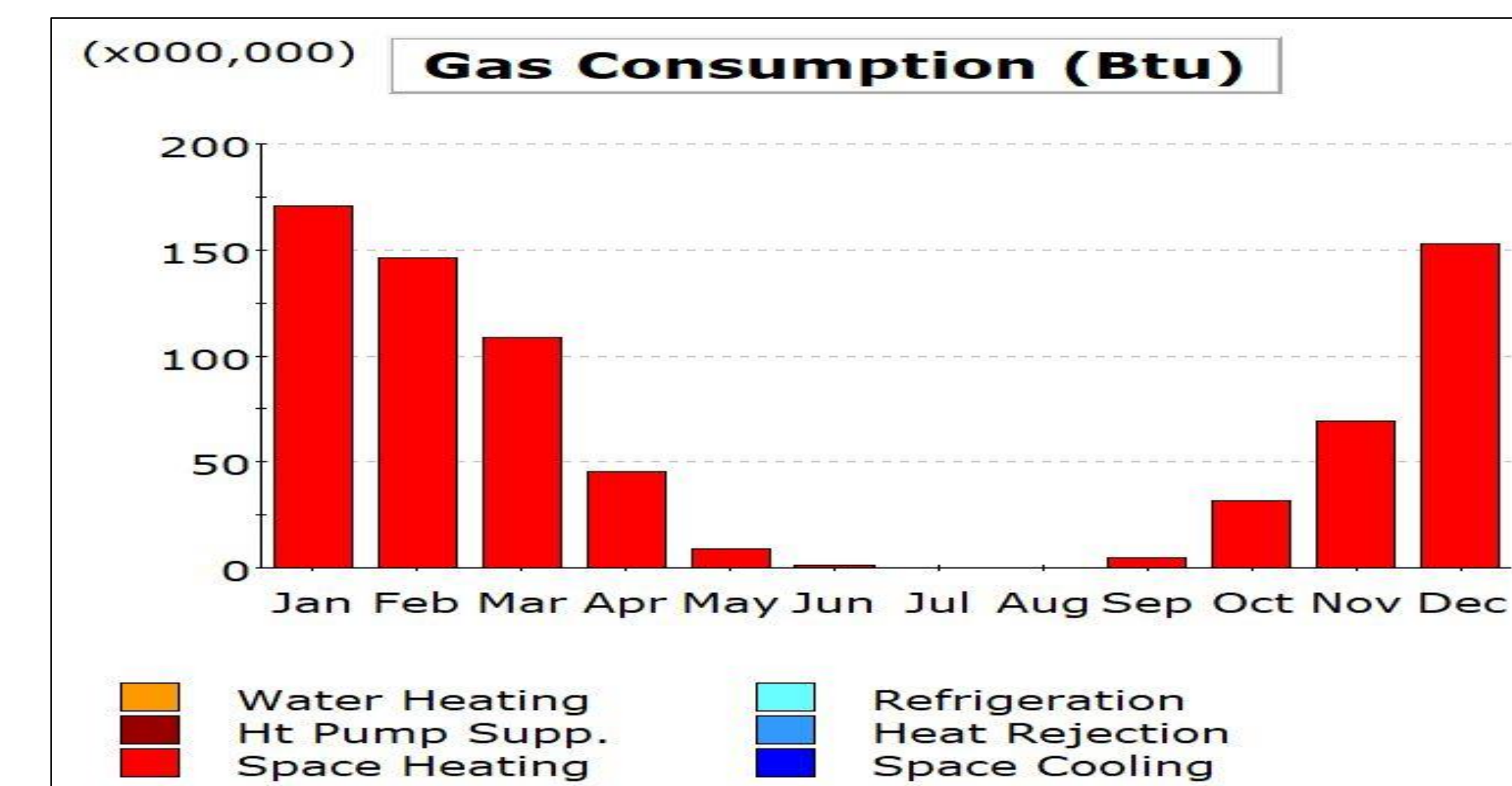
HVAC

DESIGN DESCRIPTION

WING 1:	Multiple AHUs with a main VAV system
WING 2:	DOAS with chilled beams & hydronic baseboards
ENERGY CONSUMPTION:	171 kWh/m ² *year



MAIN RESULTS



SUB-TEAM

LCC (\$/m²)

GWP (ton eq. CO₂/m²)

STRUCTURAL

468.2

0.165

ENVELOPE

222.5

0.048

HVAC

404.2

0.817