POUDRE SCHOOL DISTRICT'S

2008 ELEMENTARY SCHOOL

Timnath, Colorado

TYPICAL UPPER LEVEL CLASSROOM SECTION

IMAGES FROM PREVIOUSLY BUILT VERSION OF THIS PROTOTYPE ELEMENTARY SCHOOL

BUILDING FACTS:

- 62,691 S.F. / TWO STORIES
- SUPER INSULATED BUILDING ENVELOPE
- HIGH-EFFICIENCY CONDENSING BOILERS
- INDIRECT EVAPORATIVE COOLING
- DISPLACEMENT AIR VENTILATION
- OPERABLE WINDOWS
- 90% OF SPACES ARE DAYLIT
- REGISTERED FOR LEED FOR SCHOOLS (GOLD)

ENERGY FACTS:

- ENERGY STAR RATING: 95
- ENERGY USE INTENSITY: 27.7 KBTU/S.F./YR.
  (Colorado average = 55)
- PERCENT CO2 REDUCTION: 61 TONS
- OPERATING COST: $0.55/S.F./YR
  (Colorado average = $1.20 TO $2.00)
- PEAK KW = 231
  (62% savings over ASHRAE 90.1-2001)

DESIGNED TO EARN THE ENERGY STAR

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

SITE PLAN

KEY:
- a: Typical Classroom
- b: Kindergarten
- c: Media Center
- d: Gym
- e: Cafeteria
- f: Kitchen
- g: Music
- h: Art
- i: Special Ed
- j: Administration

WEST ELEVATION

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