

Columbine Elementary School

 **Boulder Valley** School District
Excellence and Equity



Welcome to your new school!



Columbine Elementary School

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Excellence and Equity



This is
Columbine
today
viewed
from a
bird's eye



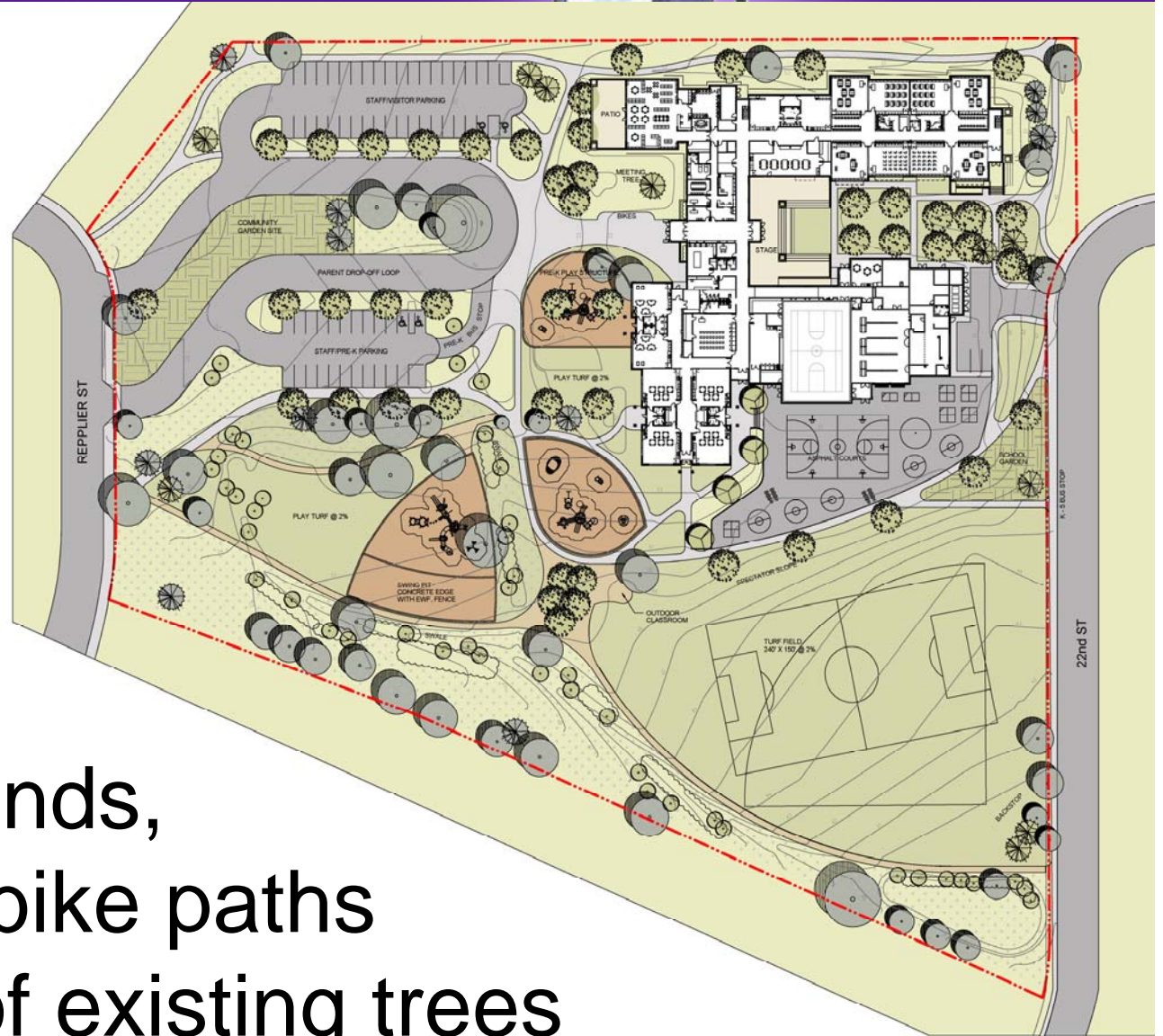
Columbine Elementary School



This is the plan for the new building

Safe drop-off

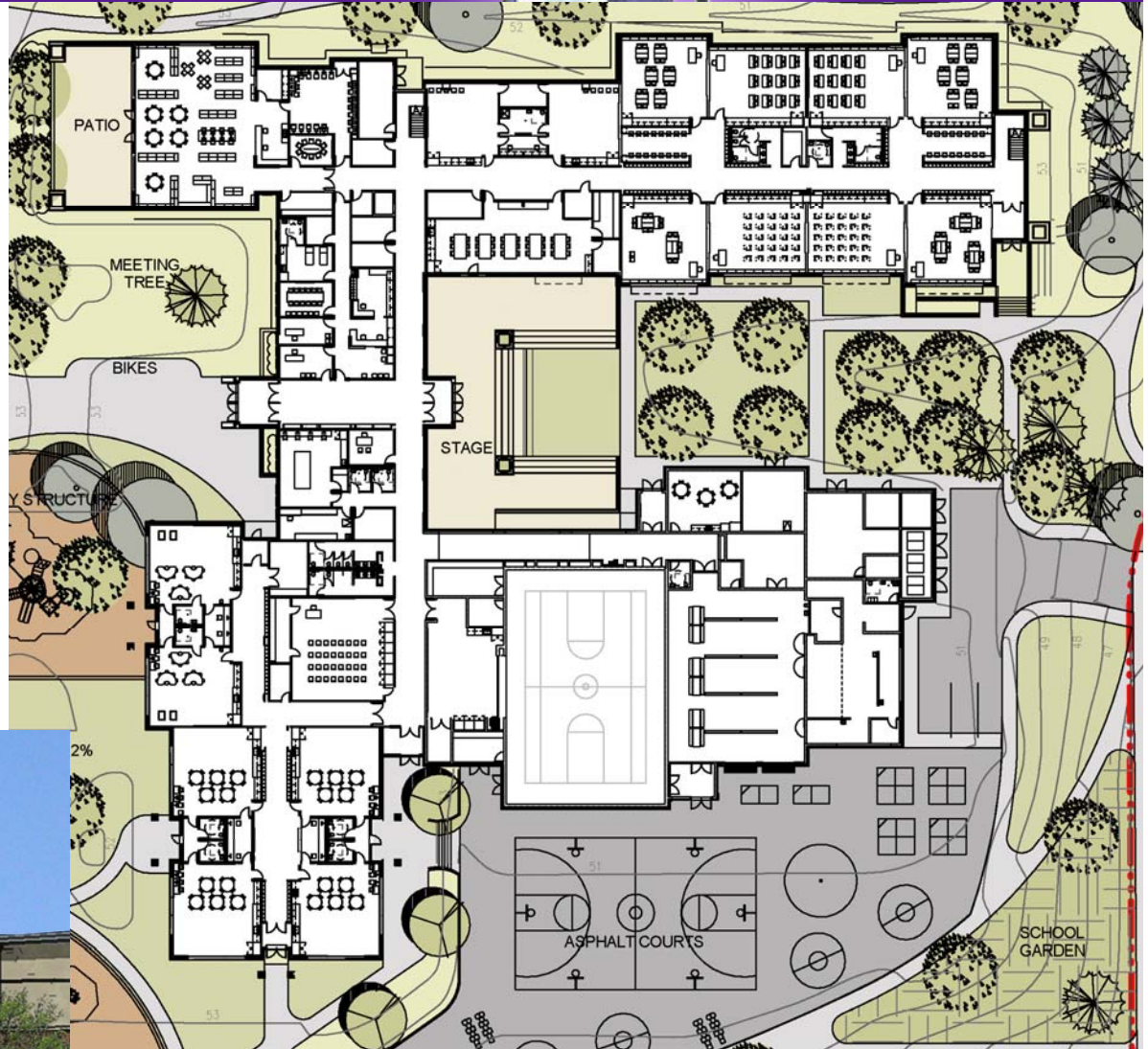
New playgrounds,
sports fields, bike paths
& protection of existing trees



Columbine Elementary School



A great new gym,
sunny new
classrooms &
a beautiful new
media center

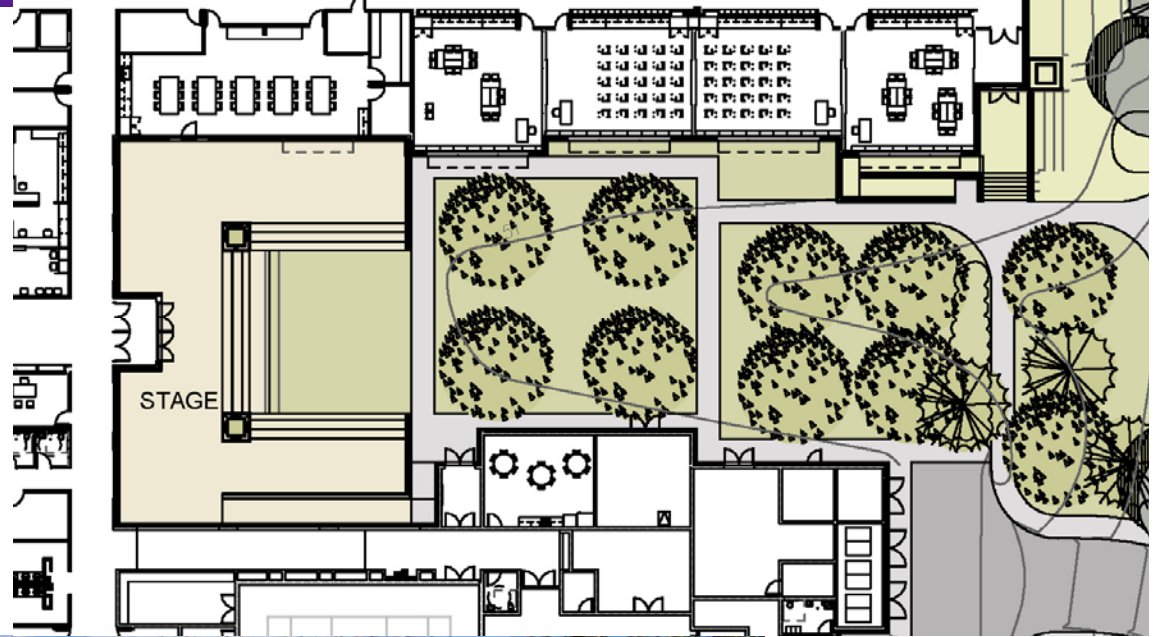


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Re-creating the courtyard



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2 stories means lots of green space





Columbine will be a green school!



What does “green” mean?



Green=Sustainable

- Energy efficiency
- Indoor air, sound & light quality
- Resource conservation





Energy Efficiency



- 30% more efficient than a standard school
- Passive Solar
- High performance coat
- Very efficient mechanical and electrical systems



Passive solar

- How we treat the sun





High performance envelope

- A warm coat





Indoor environmental quality

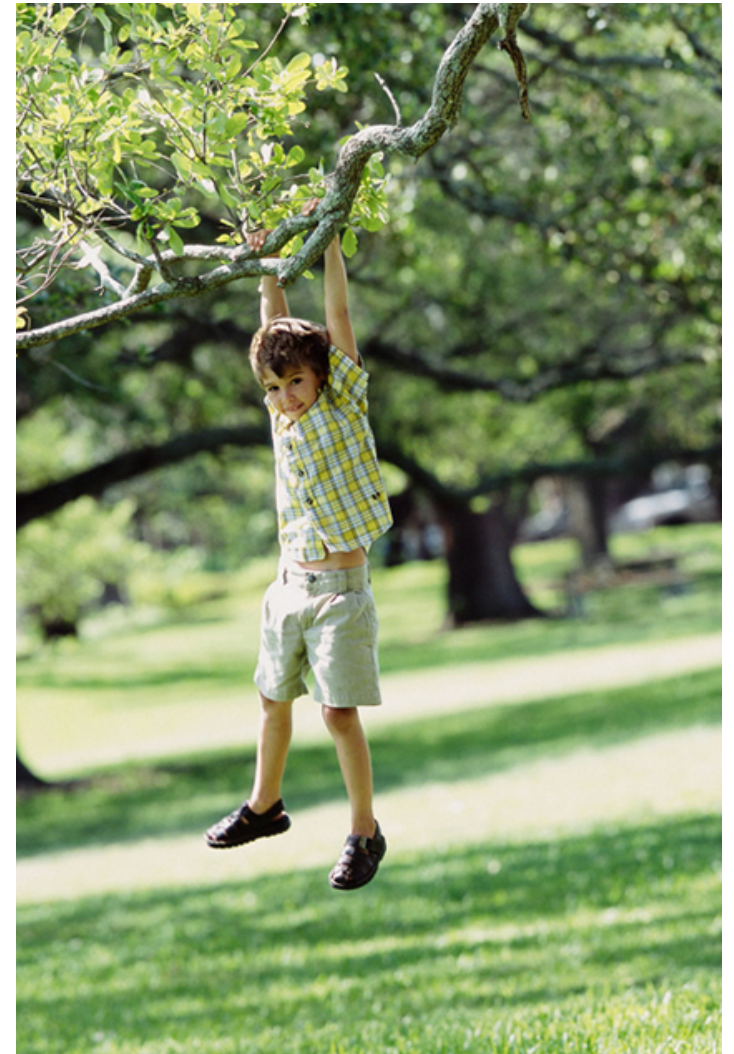
Comfortable rooms
with great natural
day-lighting,
acoustics
and indoor air





Indoor air quality (IAQ)

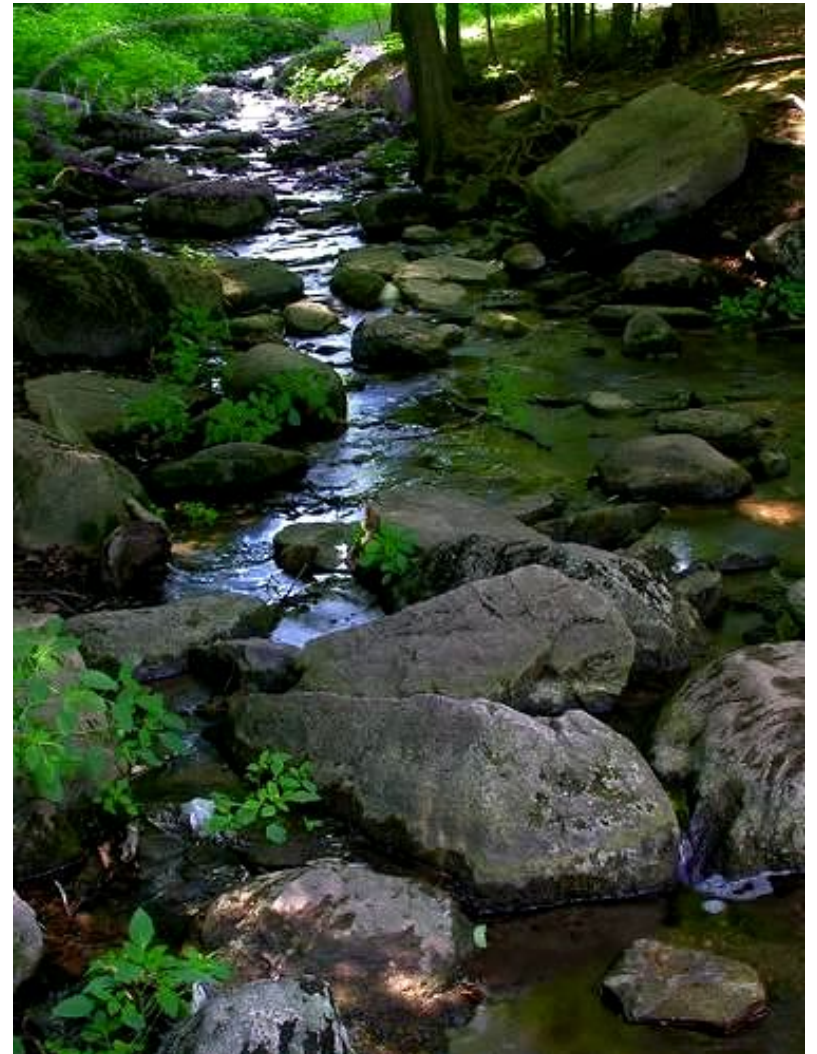
- Minimize toxins
- Lots of fresh air
- Operable windows





Resource conservation

- Water conservation
- Green materials
- Site protection
- Waste reduction
- Recycling





Green materials

- recycled
- recyclable
- renewable
- non-toxic
- durable
- local



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