

The logo for LS3P, featuring the letters 'LS3P' in a white, stylized font on a dark grey background. A small red square is positioned below the '3'.

LS3P

BEST DESIGN PRACTICES FOR SCHOOL SECURITY





PRESENTERS:



DAVID BELLAMY
AIA, LEED BD+C
K-12 STUDIO LEADER

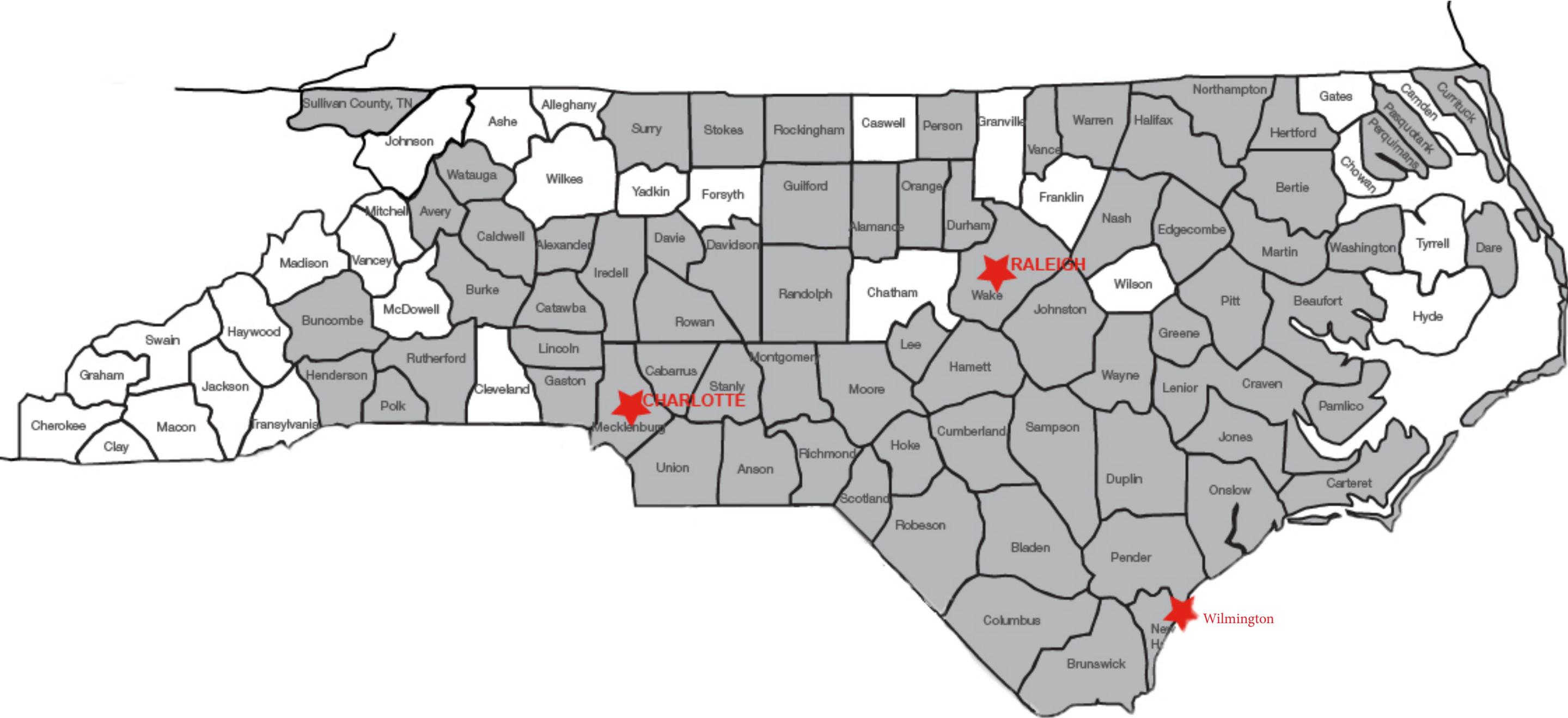


DEVKI WRIGHT
AIA, LEED BD+C
PROJECT ARCHITECT



GINNY MAGRATH
AIA, LEED GA
PROJECT ARCHITECT

THEN AND NOW



AGENDA

UNDERSTANDING THE ISSUE

WHERE TO BEGIN

CPTED PRINCIPLES

GUILDING PRINCIPLES

DETER, DETECT, DELAY

CONCENTRIC CIRCLES

CASE STUDY

SAFETY VERSUS SECURITY

COST DATA

CONCLUSION

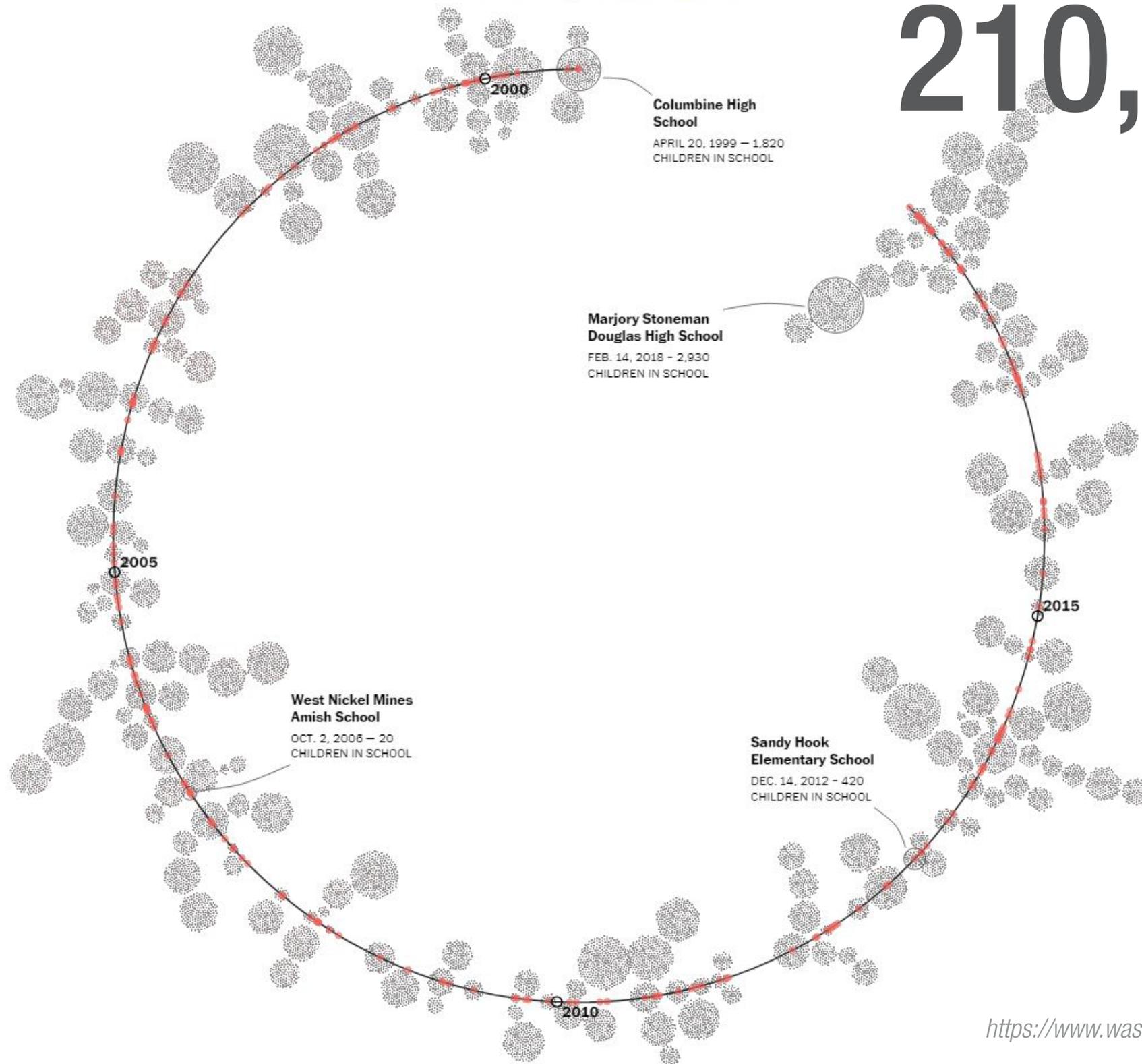




9.11.2001



OVER
210,000 STUDENTS
HAVE EXPERIENCED
GUN VIOLENCE AT SCHOOL
SINCE COLUMBINE



1958



SINCE 1958...



140 STUDENTS

25 STUDENTS IN 2017

40 STUDENTS IN 2018



“WE HAVE TO
DO BETTER
FOR OUR STUDENTS!”

“SO, WHERE TO
BEGIN?”

SECURITY AUDIT



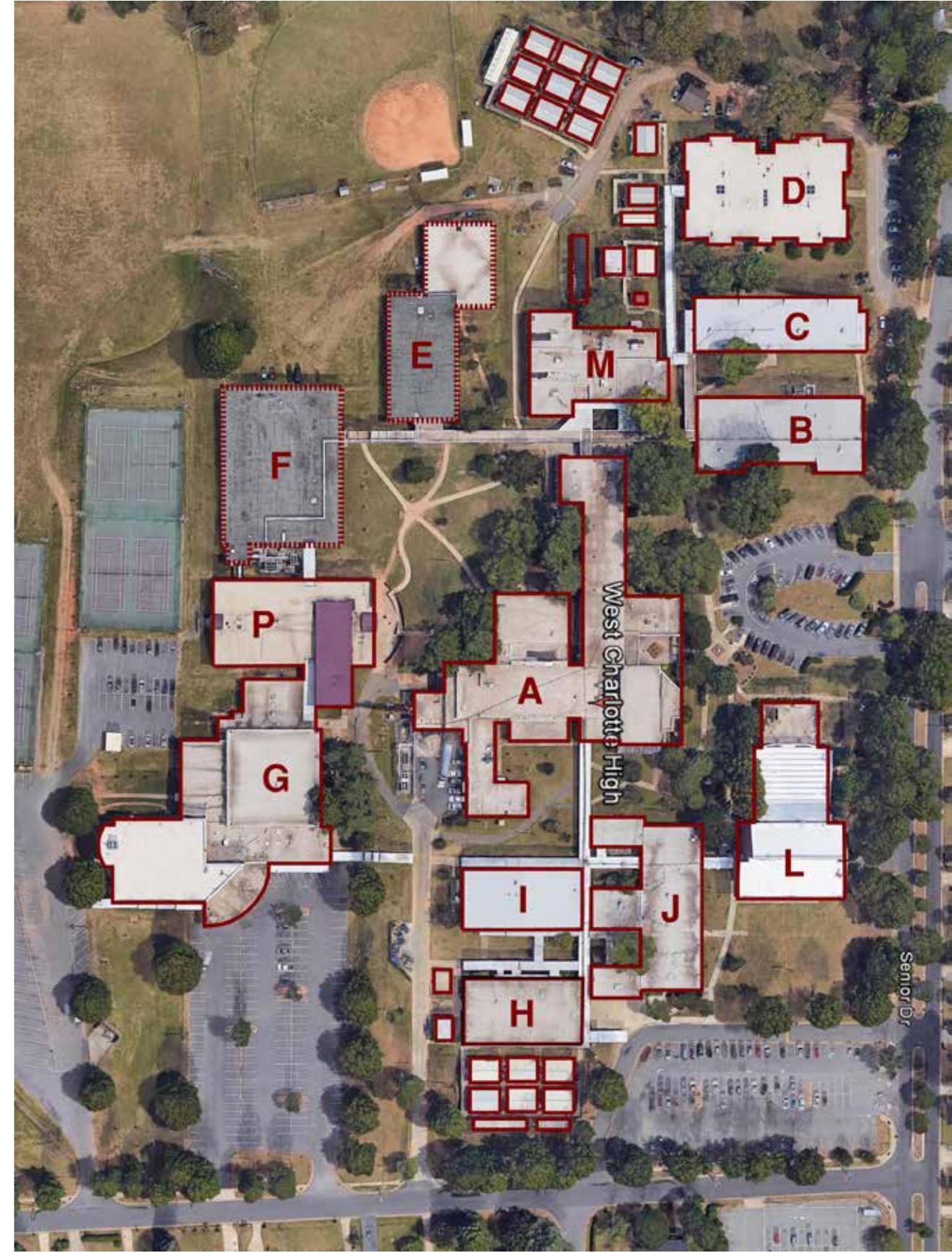
SECURITY AUDIT

BUILDING PERIMETER

HOW BOUNDARIES ARE SECURED

PLAYGROUND LOCATIONS

LANDSCAPING THAT MAY LIMIT VISIBILITY



SECURITY AUDIT

BUILDING PERIMETER

HOW BOUNDARIES ARE SECURED

PLAYGROUND LOCATIONS

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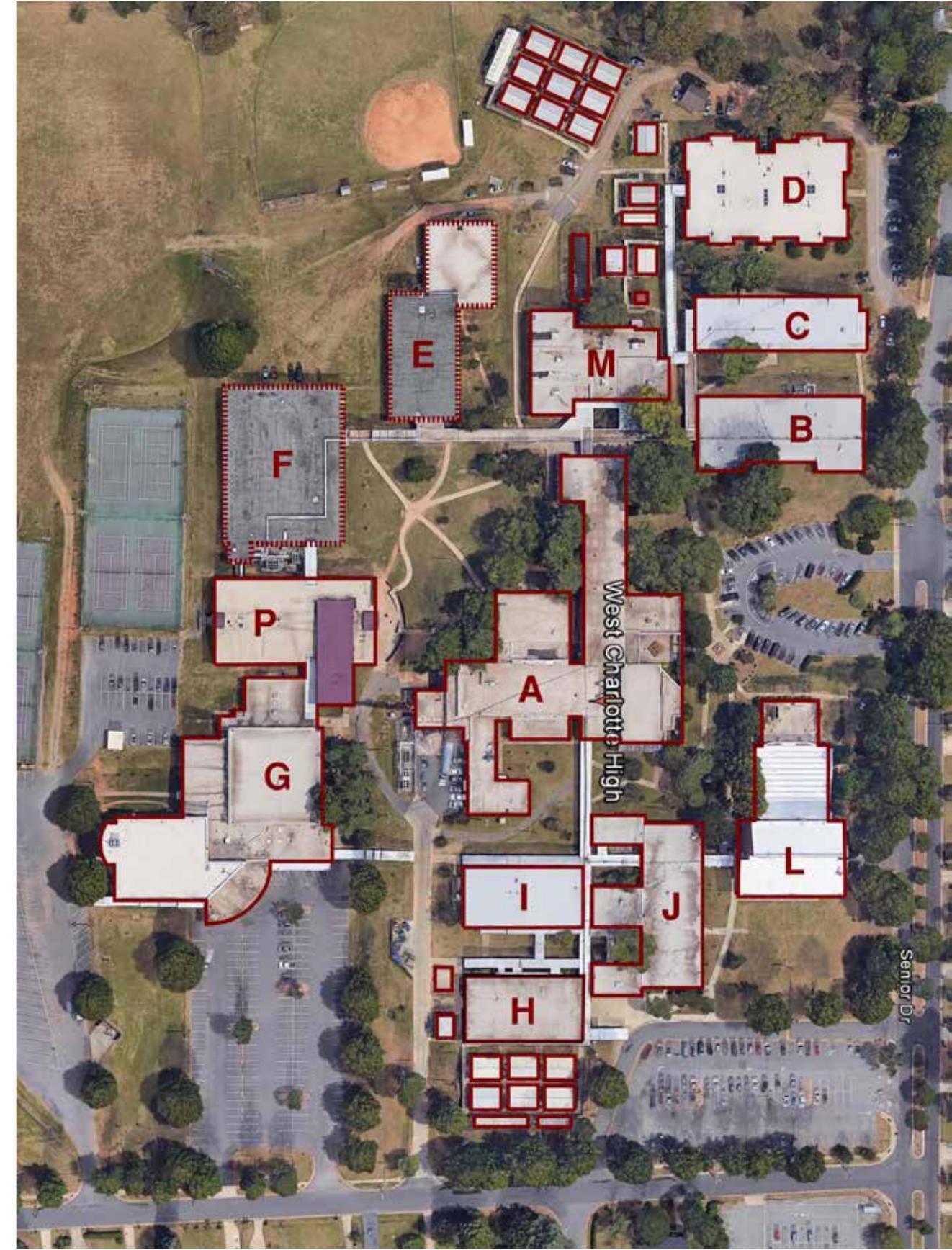
WHICH COMMUNICATION SYSTEMS ARE IN PLACE

SITE AND LOCATION OF WINDOWS

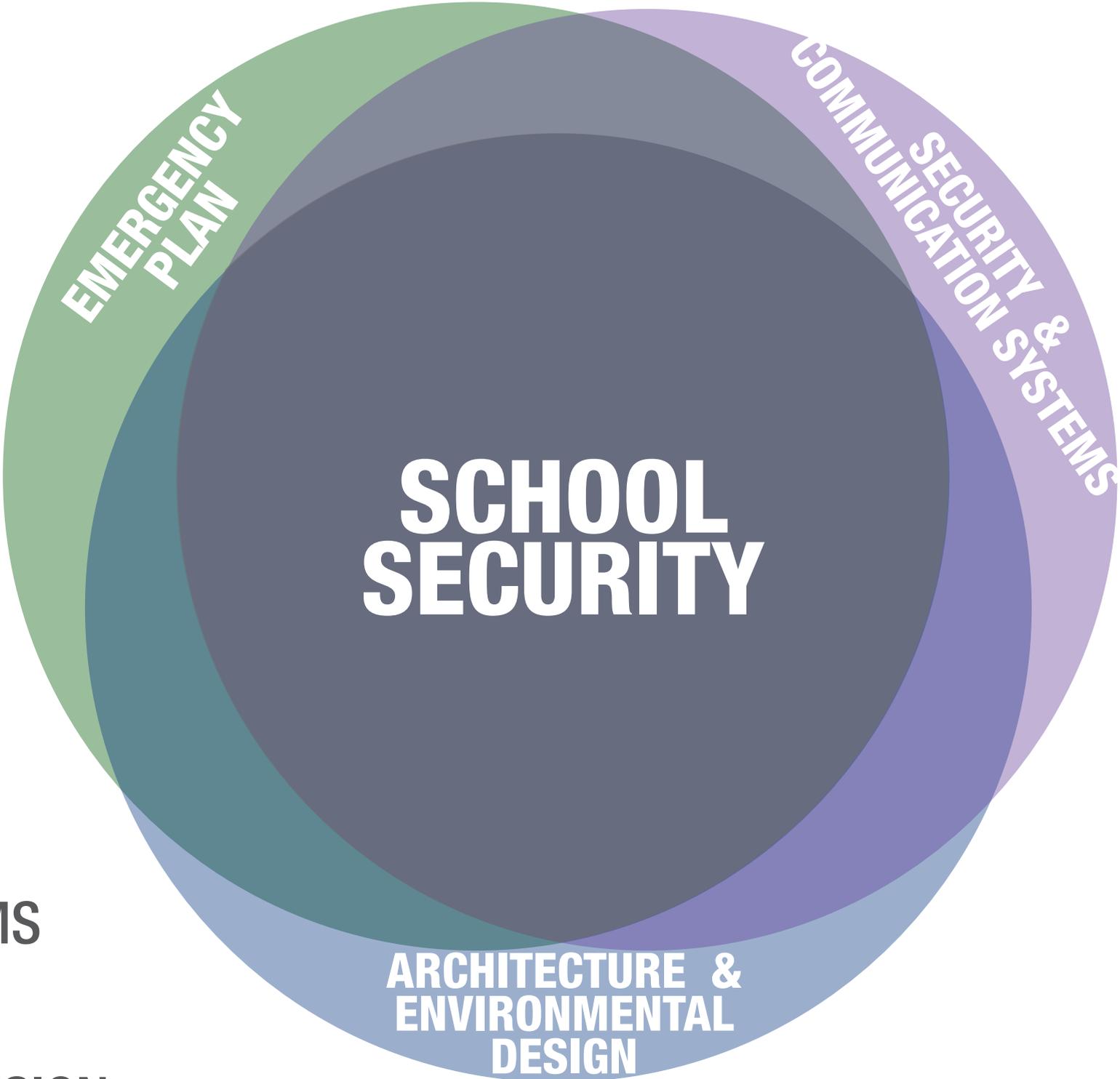
NUMBER OF ENTRY POINTS

NUMBER AND LOCATIONS OF EXITS

TYPES OF LOCKS THROUGHOUT THE BUILDING



GUIDING PRINCIPLES



1 EMERGENCY PLAN

2 SECURITY & COMMUNICATION SYSTEMS

3 ARCHITECTURE & ENVIRONMENTAL DESIGN

CPTED PRINCIPLES



DETER
DETECT
DELAY





SCHOOL

EMERGENCY PLAN



STAKEHOLDER ENGAGEMENT

SECURITY &
COMMUNICATION
SYSTEM





ARCHITECTURE &
ENVIRONMENTAL DESIGN



FOUR CONCENTRIC
SECURITY ZONES

CPTED PRINCIPLES | EYES ON THE STREET





SITE

CPTED PRINCIPLES | VISITOR SCREENING





BUILDING PERIMETER

CPTED | SCHOOL ZONES

PRINCIPLES



CPTED
PRINCIPLES

IDENTIFY
THREATS



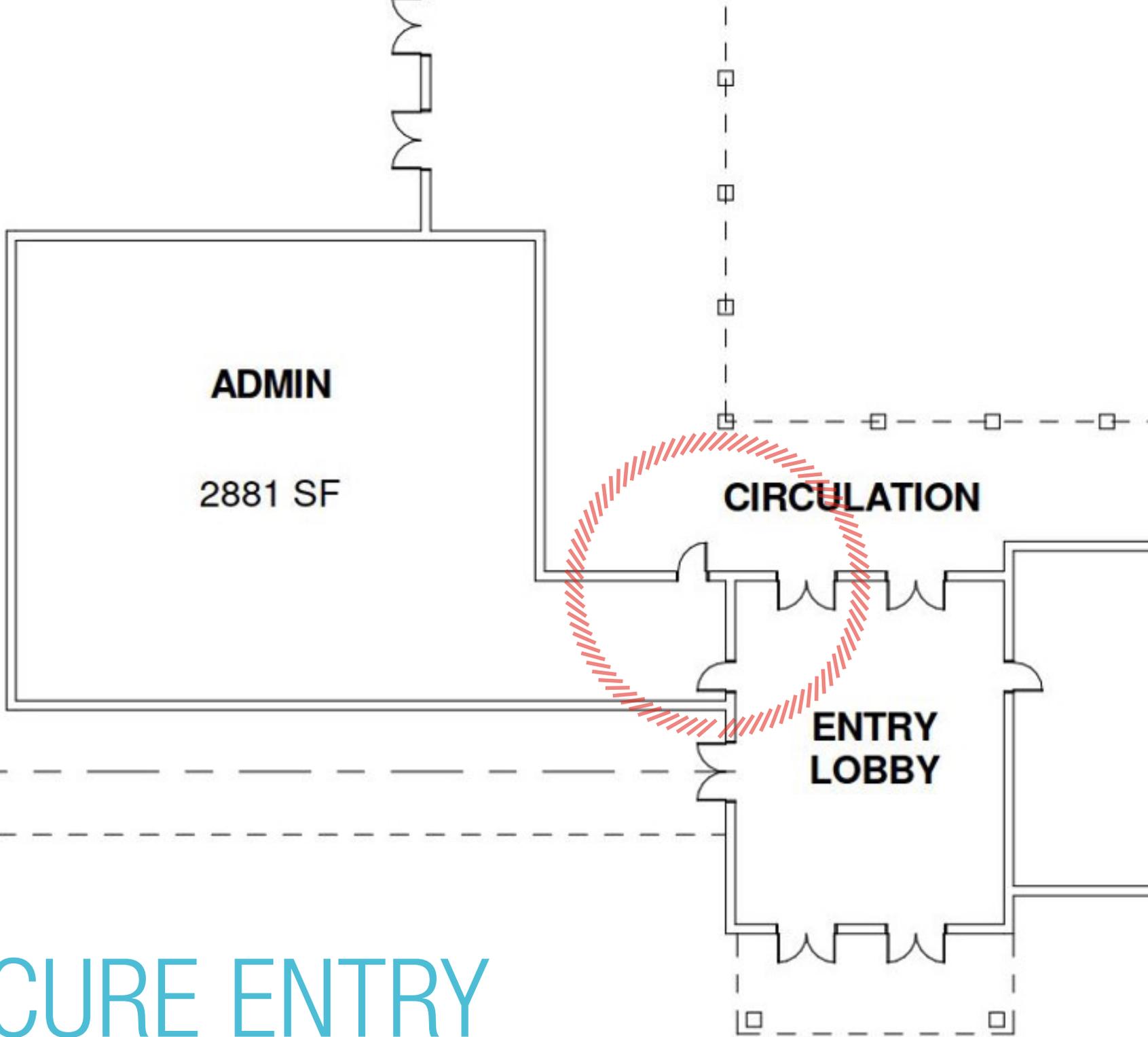
CPTED PRINCIPLES

HARDEN THE TARGET





SINGLE ENTRY POINT



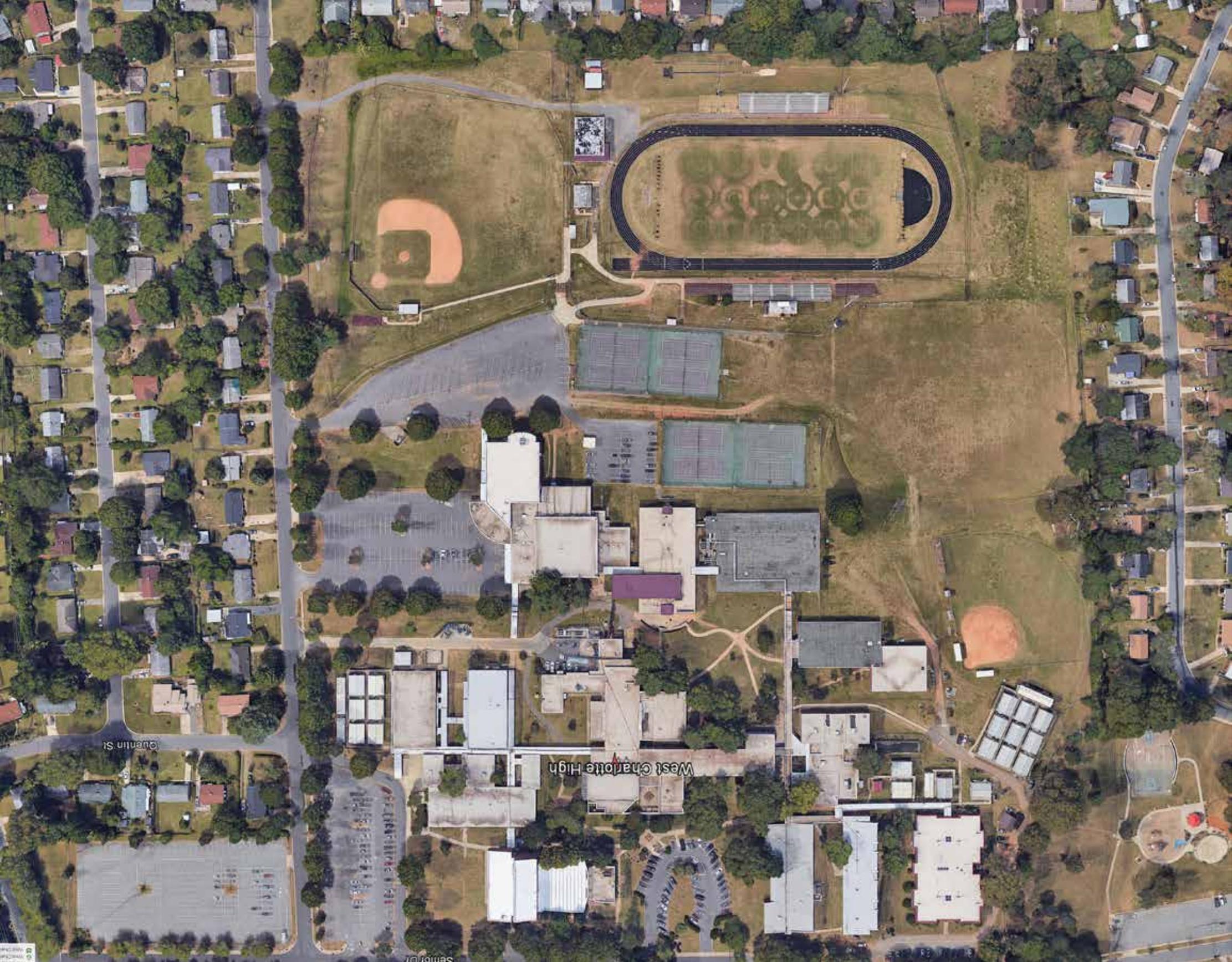
SECURE ENTRY
VESTIBULE



INTERIOR

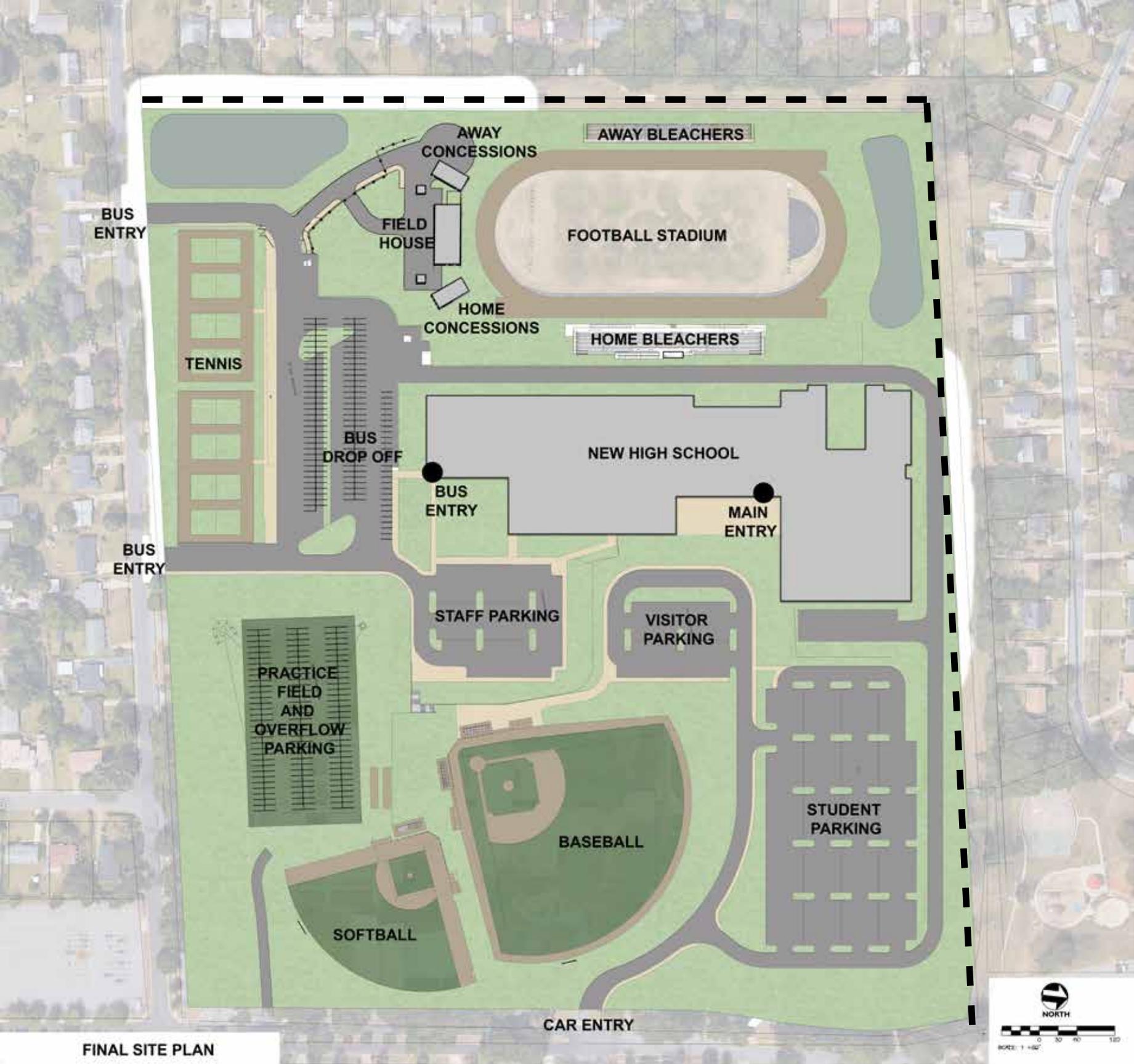
SAFE & WELCOMING





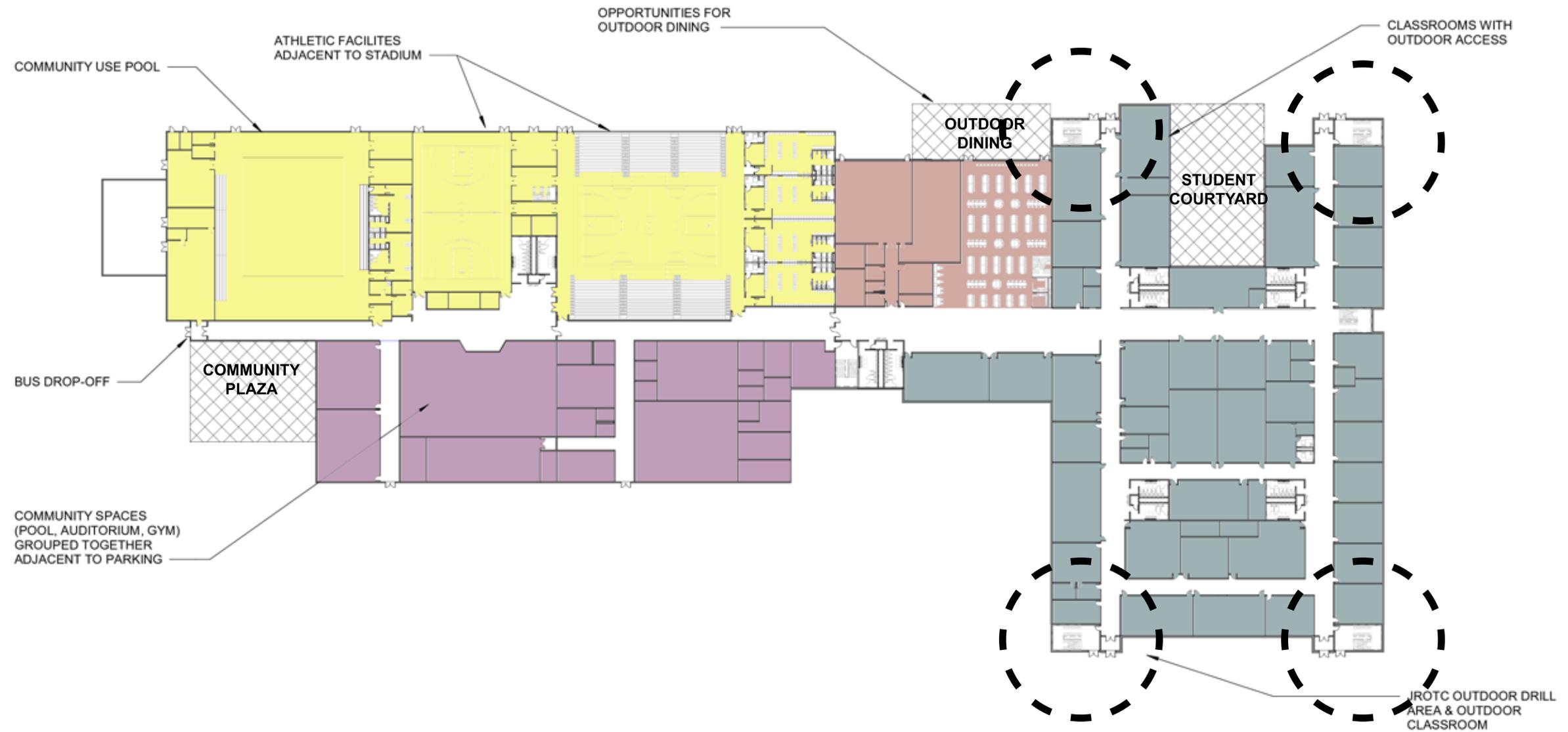
CASE STUDY SITE

CASE STUDY SITE



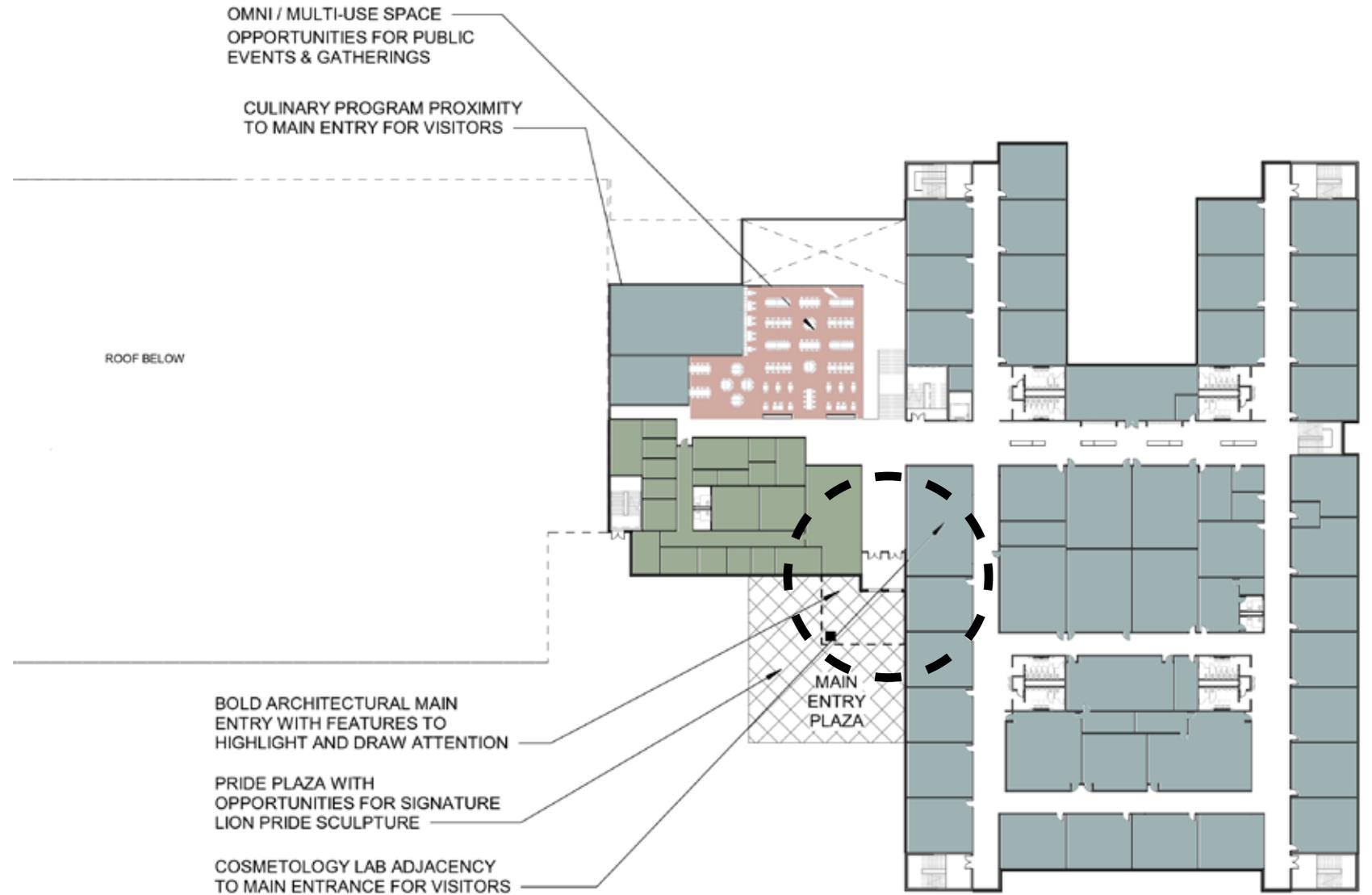
FINAL SITE PLAN

CASE STUDY PERIMETER

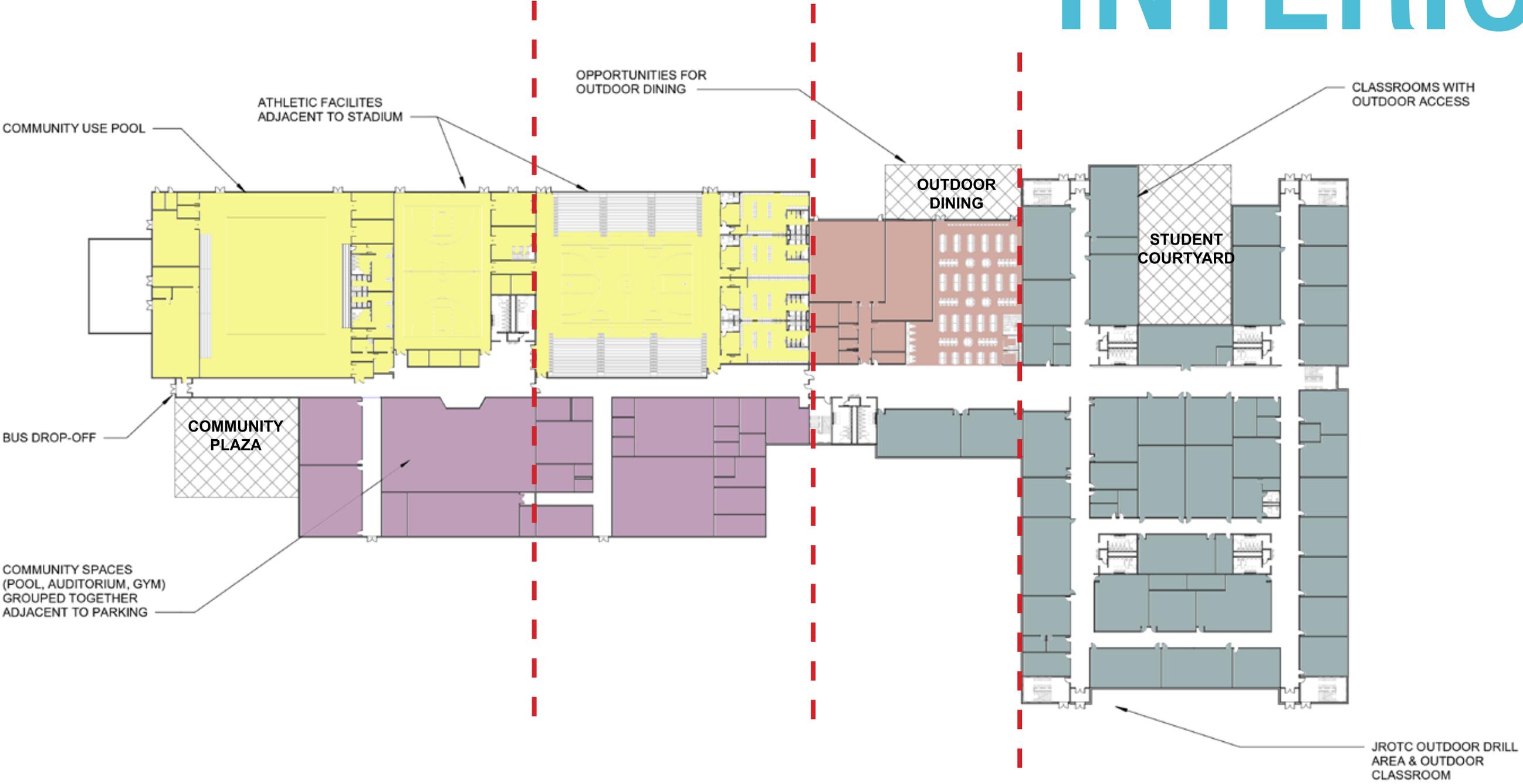




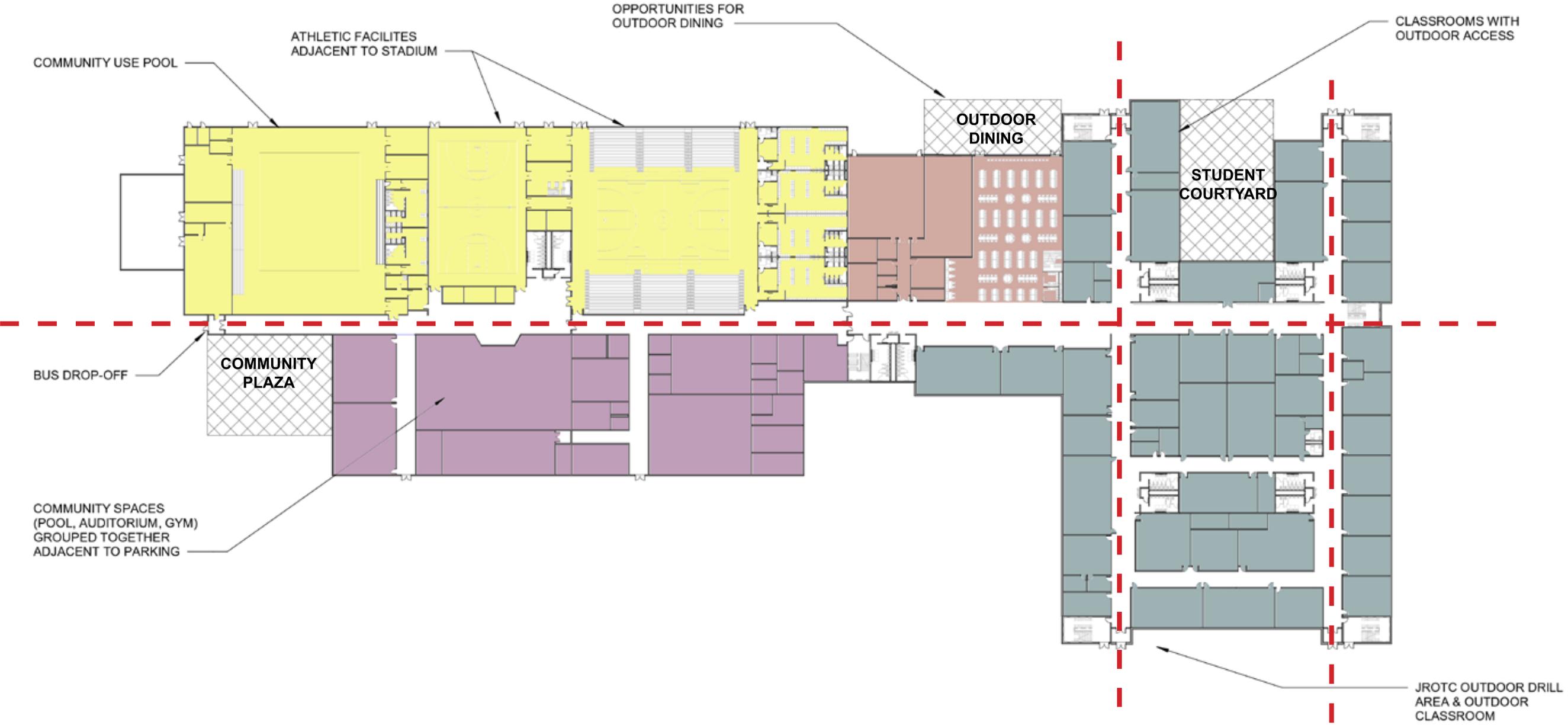
CASE STUDY SINGLE ENTRY



CASE STUDY INTERIOR



CASE STUDY INTERIOR





CASE STUDY
INTERIOR

“SO, WHAT DOES THIS
COST?”

CALL TO ACTION
SECURITY AUDITS



SECURITY AUDIT:

\$6000 - \$12,000

VIDEO SURVEILLANCE SYSTEM:
\$40,000-\$60,000

DIGITAL ANALYTICS:
\$2000 - \$2500 / CAMERA

16-30 CAMERAS REQUIRED FOR
THE AVERAGE ELEMENTARY SCHOOL

BULLET RESISTANT GLASS :
ADDITIONAL \$10 / SF

10' x 8' SECURE ENTRY VESTIBULE:
\$17,000

SITE FENCING:

\$32.50 / LINEAR FOOT

TWO-PANEL GATE:

\$1800



1. PAY AS YOU GO
2. STATE BOND
3. SENATE PROPOSAL FOR TIER ONE/TWO USING LOTTERY FUNDS

POTENTIAL
FUNDING SOURCES

“SO WHAT SHOULD
WE DO?”



CALL TO ACTION
**ADVOCATE TO THE
COMMUNITY**

A person is seen from behind, wearing a grey long-sleeved shirt, writing on a green chalkboard. The chalkboard is mounted on a brick wall. The text "WE DESERVE A SAFE PLACE TO LEARN" is overlaid on the right side of the image in white, bold, sans-serif font. The word "SAFE PLACE" is significantly larger than the other words.

WE DESERVE A
SAFE PLACE
TO LEARN



Q&A