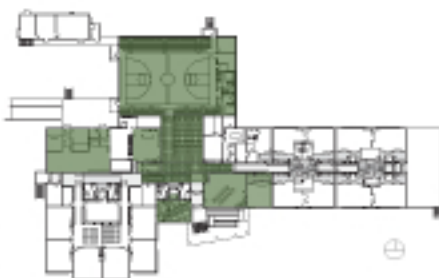


NOATAK, ALASKA

NAPAAQTUGMIUT K-12 REPLACEMENT SCHOOL



PROGRAM REQUIREMENTS



AFTER HOURS USE

"Incorporate community use features and zone community use for after hours public functions."

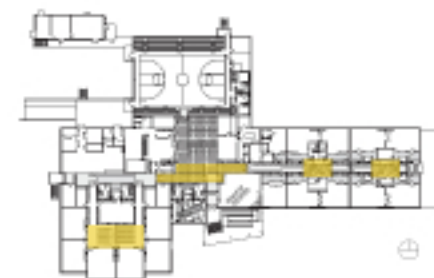
Green shading indicates spaces that can be utilized outside of school hours allowing community access to equipment, technology and a place to interact.



SHARED SPACES

"Incorporate multiple functions into one space and create spaces that can be utilized by all students."

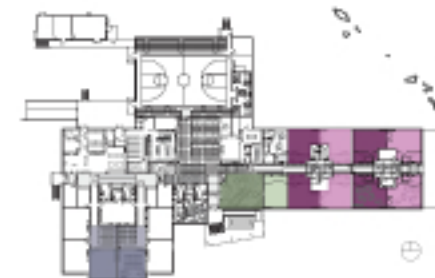
The spaces shown in blue serve multiple grade levels and/or have dual functions, such as the Home Economics / Internet Cafe room.



COMMON SPACES

"Provide spacious hallways and interior spaces that permit natural light where students and community connect."

Identified by clerestory windows and suspended metal ceiling panels these common spaces, shown in yellow, provide bright, open areas for gatherings and circulation.



FLEXIBLE SPACES

"Provide separate identities for different grade levels within a unified facility. Design classrooms to support Guided Learning as well as alternative educational delivery models."

These multicolored spaces, while separate in identity, may be opened up to one another via overhead or large double doors to allow for shared teaching and group interaction.

COMPACT ARCTIC BUILDING DESIGN

Noatak sits above the Arctic Circle in a harsh, demanding climate. Energy efficiency and lower operational costs were key goals of the school district. The community desired unassuming building forms, reflecting their simple lifestyle and small village scale. Compact building forms addressed all these concerns.

Traditionally, schools in the region have had high-slope, metal roofs over large volumes in all areas of the building. The Noatak design is a steel structure with a highly-insulated panel exterior and low-slope roof assemblies, a first for that region. These established compact building forms reduce volume, yet maximize day lighting.

NAME & LOCATION OF SCHOOL: Napaaqtugmiut School | Noatak, Alaska

GRADE LEVELS: Kindergarten through Grade 12

PUPIL CAPACITY: 278

COST: \$33,802,761.00

SIZE: 49,800 S.F.

OWNER: Northwest Arctic Borough School District | Kotzebue, Alaska
Dr. Norman Eck - Superintendent
Kathy Christy - Capital Projects Manager

ARCHITECT / EDUCATIONAL PLANNERS: Burkhardt Craft Architects, LLC | Anchorage, Alaska

GENERAL CONTRACTOR: UIC Corporation, Inc. | Anchorage, Alaska

CIVIL & STRUCTURAL CONSULTANT: PND Engineers, Inc. | Anchorage, Alaska

MECHANICAL & ELECTRICAL CONSULTANT: Hay, Zietlow & Associates, LLC | Anchorage, Alaska

INTERIOR DESIGN CONSULTANT: Mia Rantz Studio | Chugiak, Alaska

PHOTOGRAPHER: Kevin Smith Photography | Anchorage, Alaska

SOUTH ELEVATION



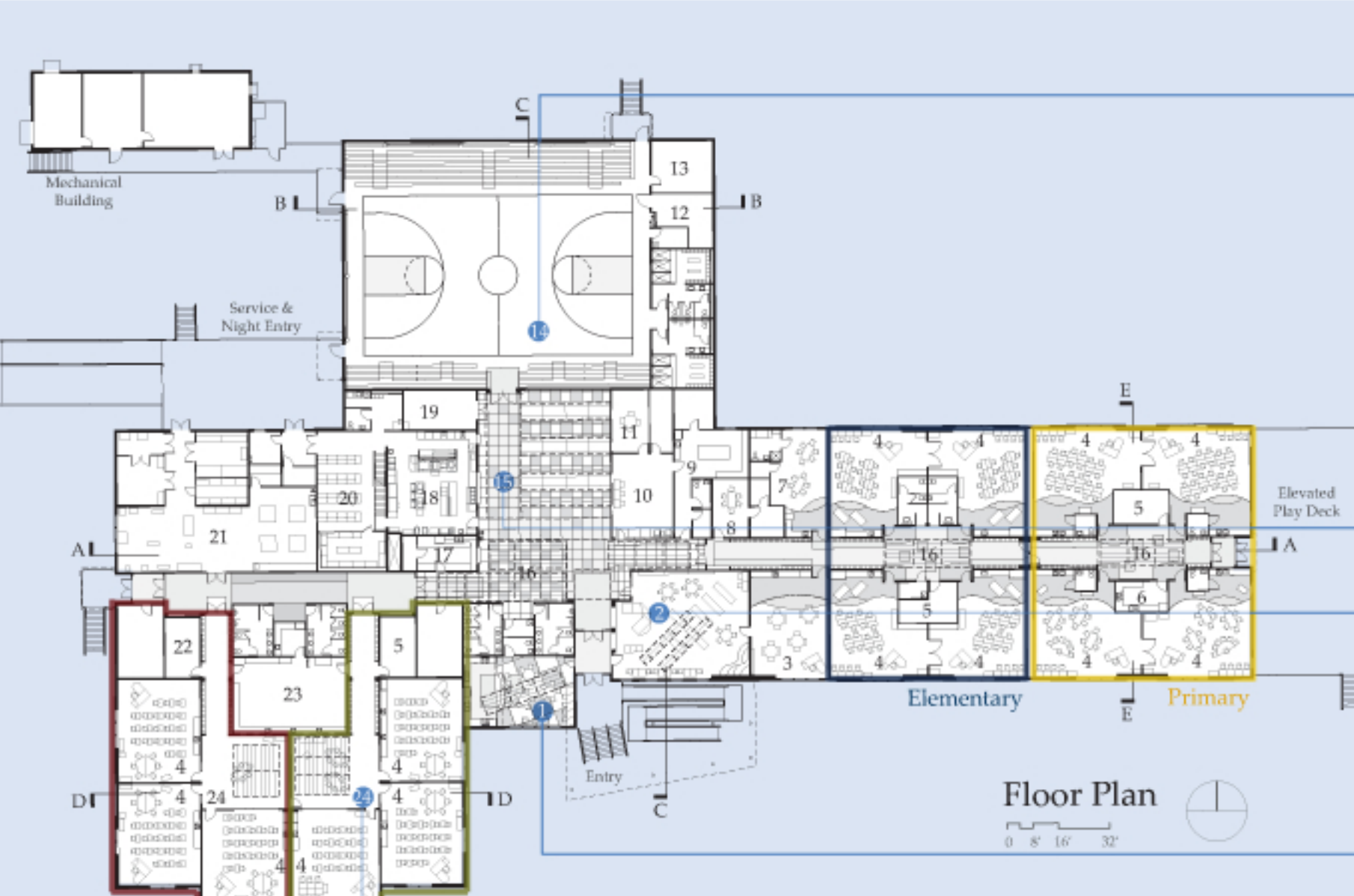
COMMON SPACE



COMMON SPACE



BUILDING ENTRANCE



Floor Plan

0 8' 16' 32'

- | | | |
|---------------------------|-----------------------------------|---------------------------------|
| 1 Home Ec / Internet Cafe | 9 Staff / Work Room | 17 Store |
| 2 Library | 10 Administration | 18 Food Service |
| 3 Inupiat Classroom | 11 Principal | 19 Table Storage |
| 4 Classroom | 12 Equipment Storage w/ Mezzanine | 20 Pantry |
| 5 Resource / SGA | 13 Weight Room | 21 Vocational Ed |
| 6 Kitchenette | 14 Gymnasium | 22 Counselor |
| 7 Resource Classroom | 15 Multi Purpose Room | 23 Science |
| 8 Conference Room | 16 Commons | 24 Small Group / Project Center |

AFTER HOURS & SHARED SPACE



AFTER HOURS & SHARED SPACE



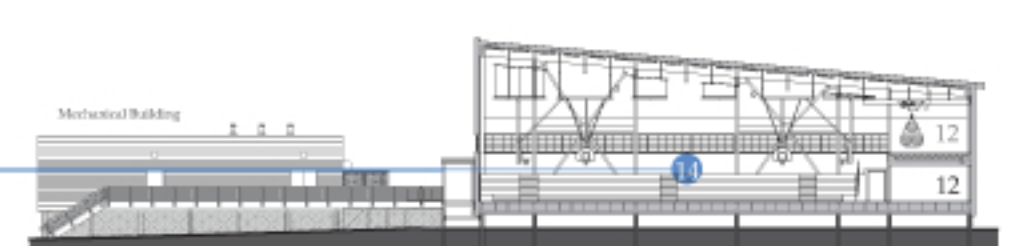
AFTER HOURS & SHARED SPACE



AFTER HOURS, SHARED & COMBINED SPACE



COMMON & COMBINED SPACE



Section B

0 8' 16' 32'



Section C

0 8' 16' 32'



Section D

0 8' 16' 32'



Section E

0 8' 16' 32'