

youth initiative high school viroqua, wi

04/01/2014 john taylor gorski

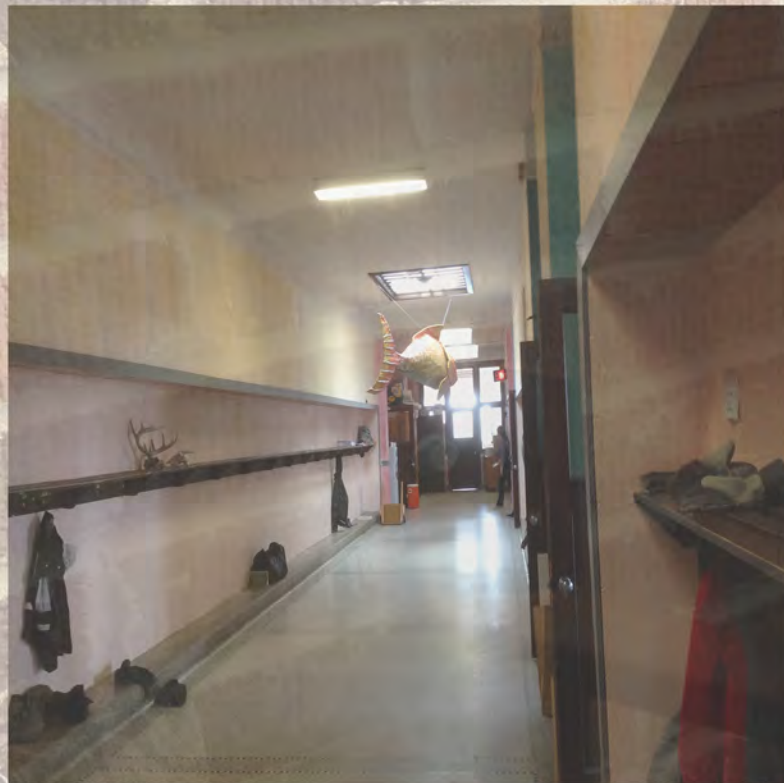


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existing conditions

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- rental space from old landmark center
- a "viroqua historic landmark," yet decrepit and falling apart
- primarily a brick and concrete structure
- central hallway corridor that serves as main axis and life-line of school
- incredible sense of community and place
- very positive educational experience
- need for community spaces and dedicated event space



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the program

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- 5,000 SF classroom space
- 10,000 SF total interior space
- \$2,000,000.00 budget
- one floor
- cubbies/cloakroom
- six classrooms
- teaching kitchen
- student kitchen
- theatre/gathering space - 200 people
- mechanical room
- janitor closet
- bathrooms
- four offices + communal office space
- wood heat
- radiant heat flooring
- natural lighting
- outdoor green space
- local wood/materials
- ease of construction

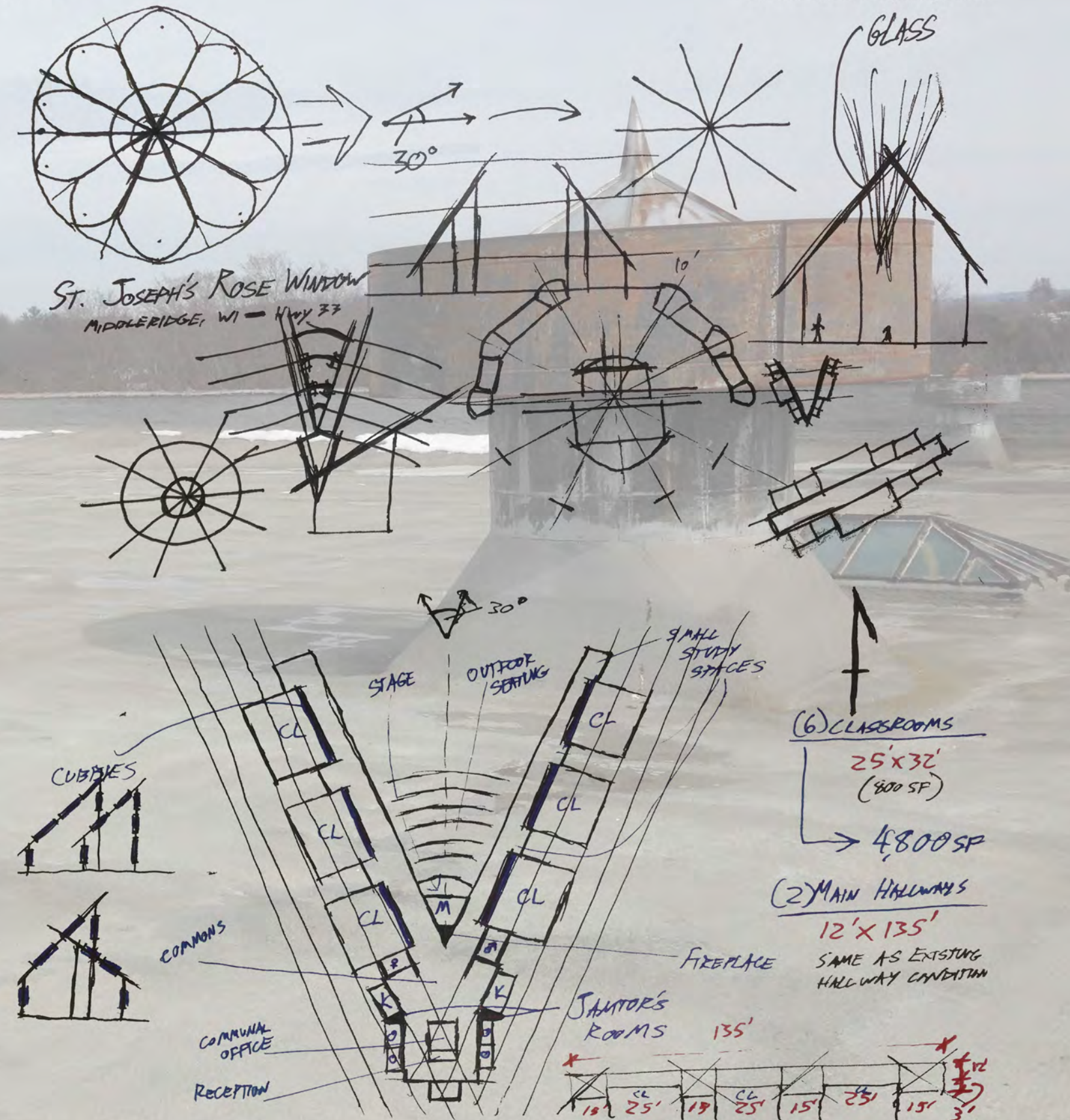


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the design

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- form derived from st. joseph's rose window - a past yih's restoration project
- 30 degree angle borrowed from window to initiate a dialogue
- central axis of landmark hallway used as a secondary form with the same dimensions for familiarity and consistency
- form splits into "V" shape to preserve togetherness but create engaging geometry
- outdoor theatre space created as a by-product of "V" form
- axis of hallways and classrooms culminate at central common space
- common space directly connected to every other programmatic element
- within commons, a fireplace and natural light engage occupants, faculty abound for additional help and conversation, and lines of sight preserved throughout form
- residual space between classrooms provides private nooks for small groups of students to gather
- cubbies and coat hooks line the hallways on the classroom walls, opposite the glass curtain walls and central outdoor theatre
- pitched roofs to direct and collect rainwater (grey water) for usage in toilet flushing
- angled standing-seam aluminium roof system to prevent decay also maintenance free and incredibly long lasting
- primarily brick and concrete block construction for ease and modularity
- extensive glazing for natural light and little need for artificial lighting
- raised clerestory windows in classrooms to maximize wall space for occupants
- mechanical room centralized in plan for maximum radiant slab heat distribution

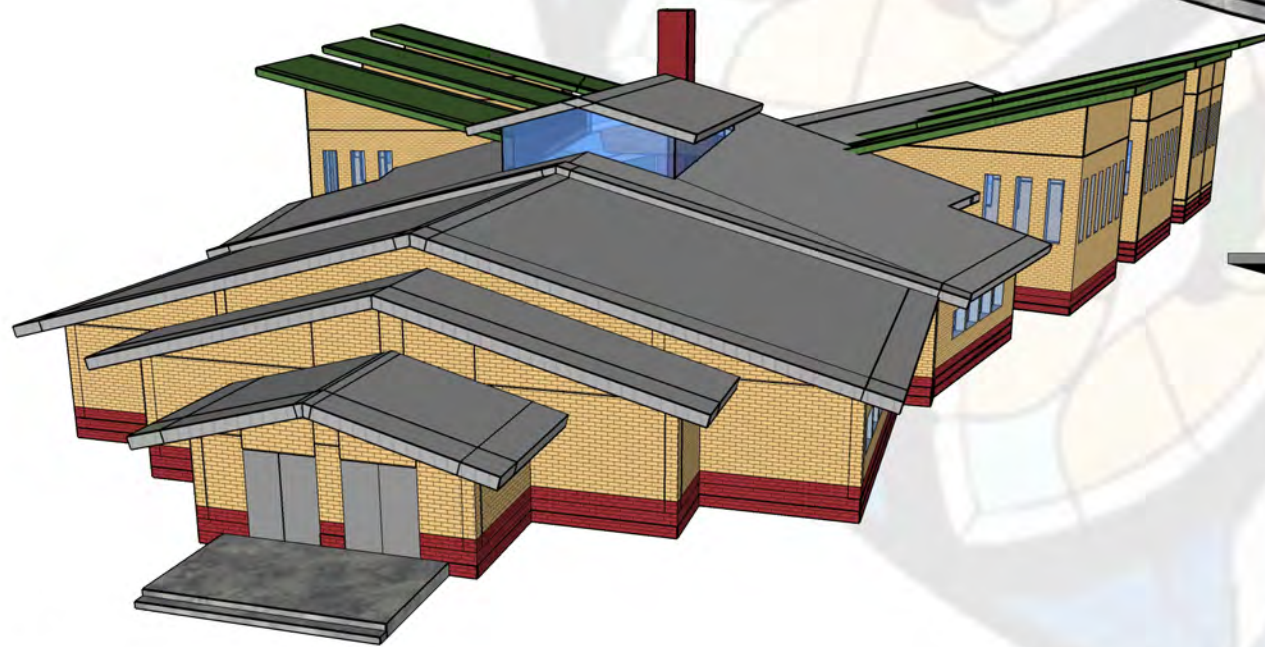
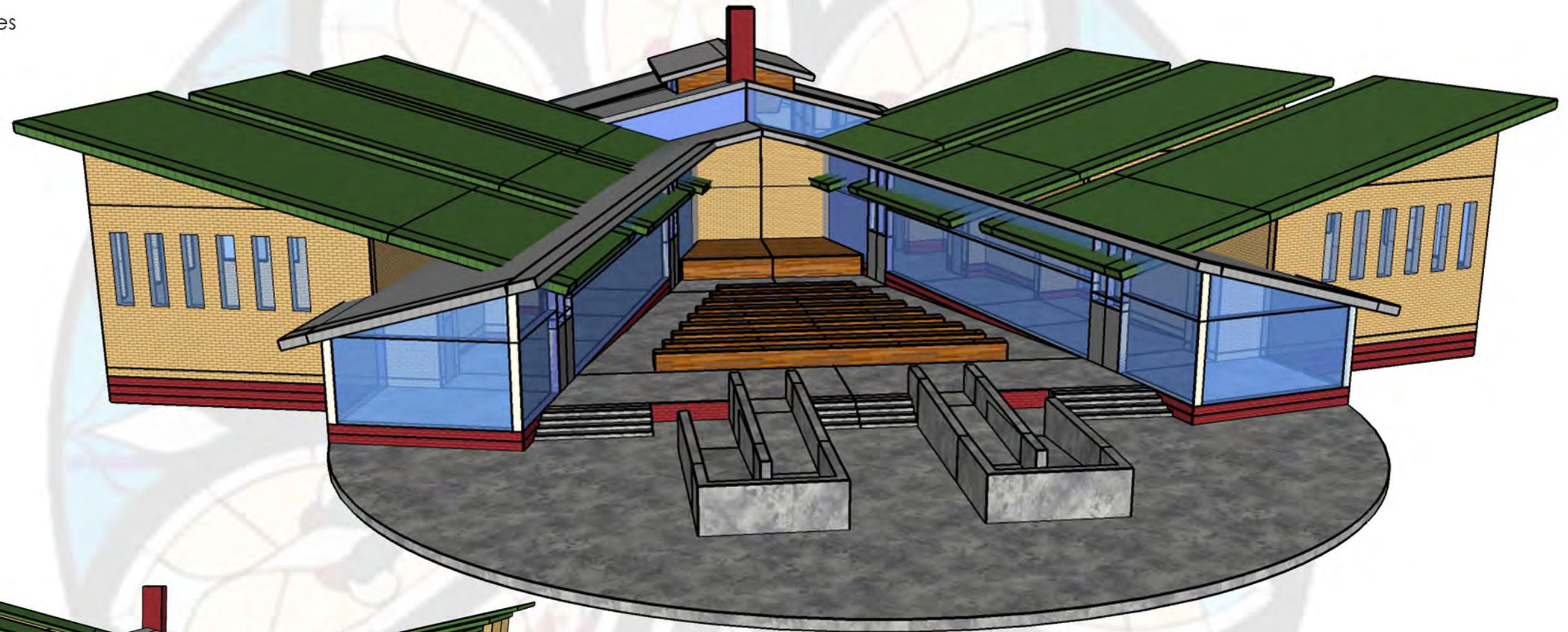


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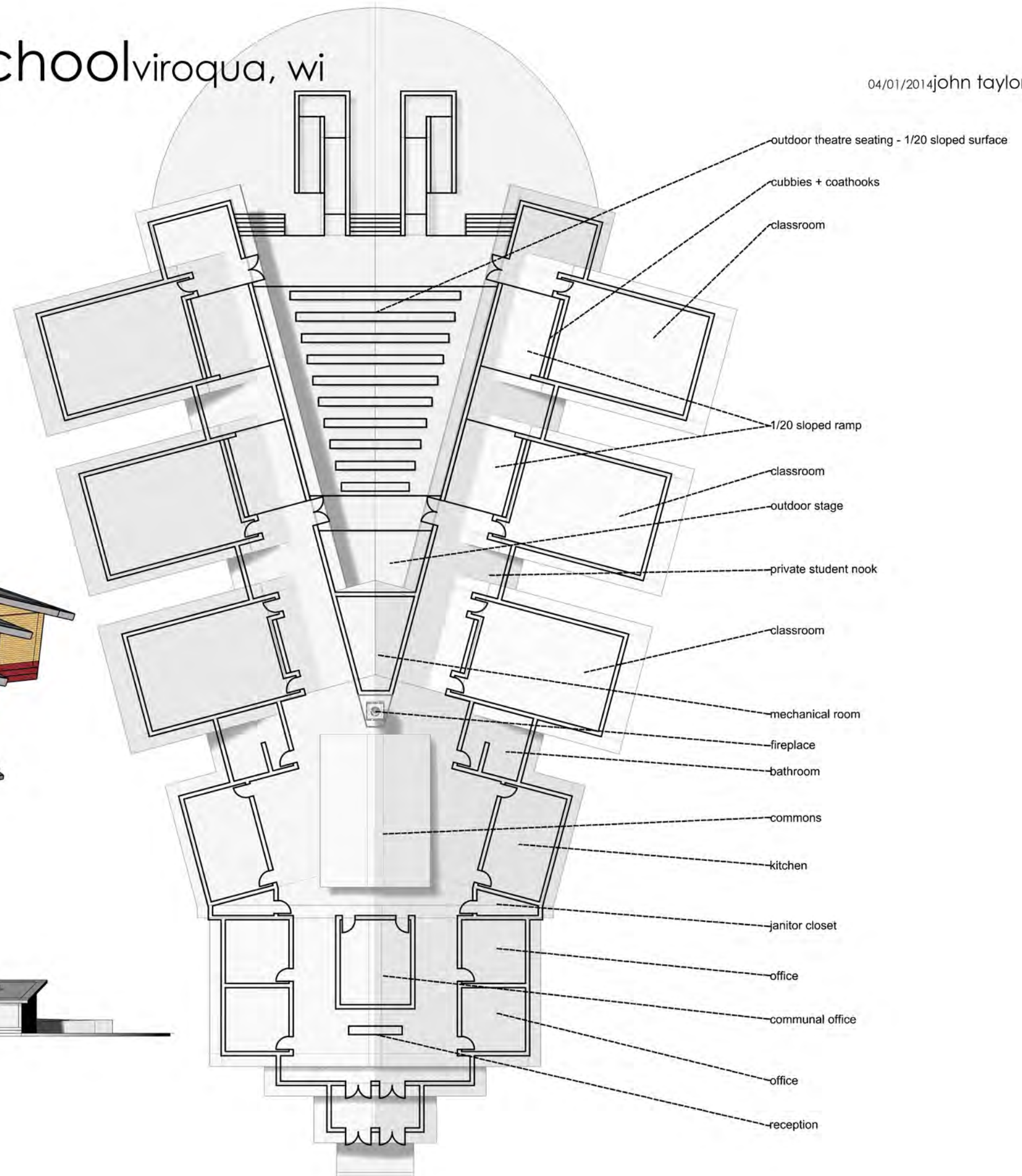
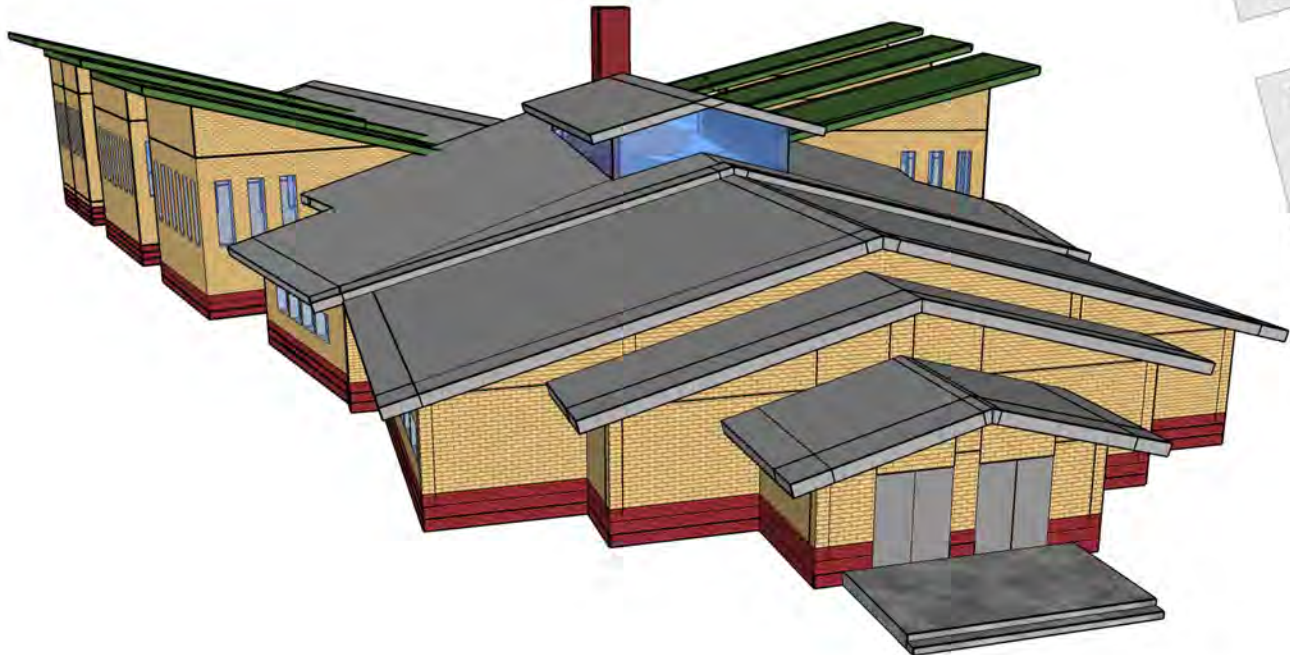
- symmetrical plan
- roofs pitched to 15 degrees
- possesses no flat roofs
- south facing entrance to prevent ice and snow buildup



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the plan

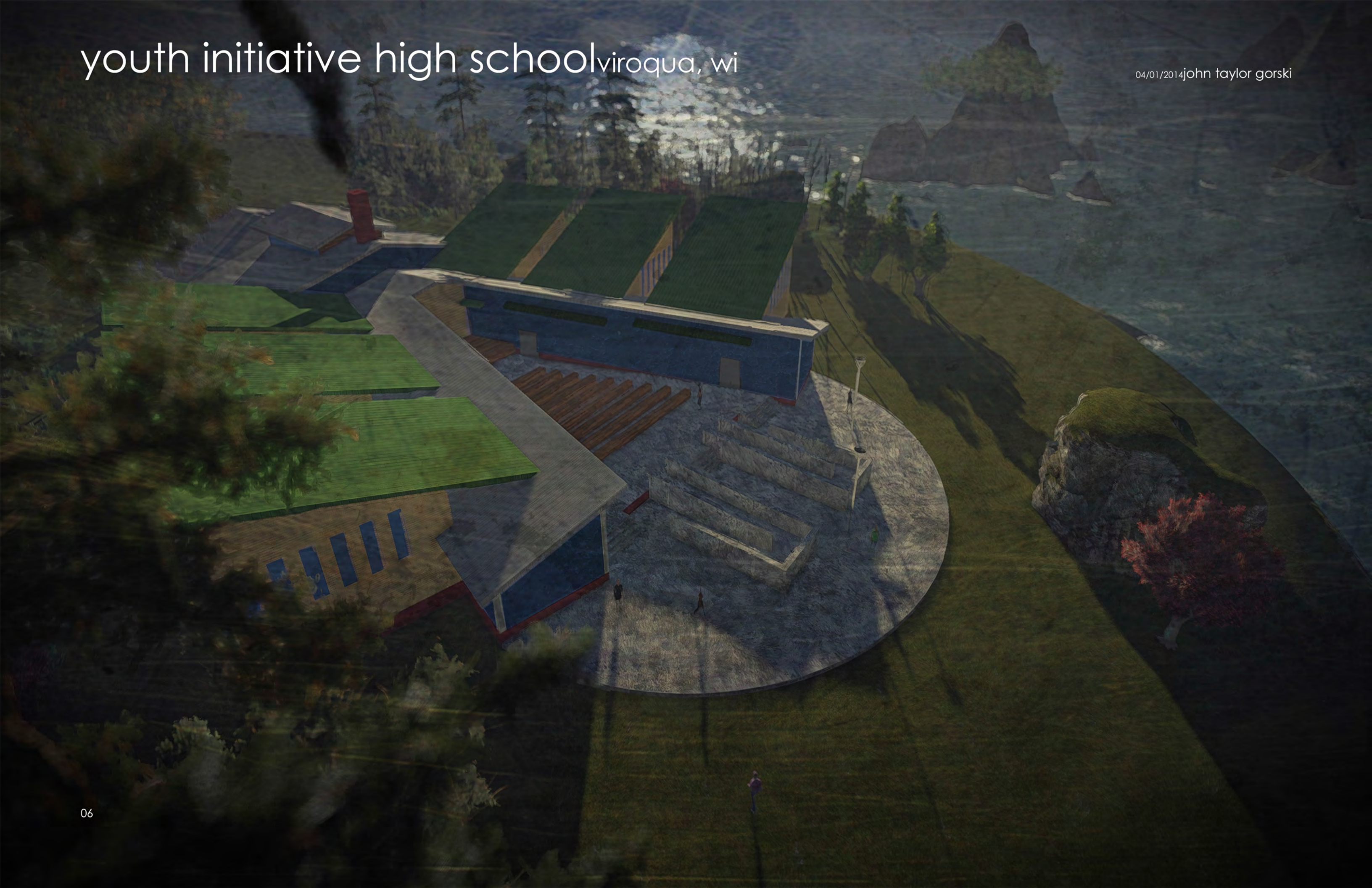
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- outdoor theatre seating - 1/20 sloped surface
- cubbies + coathooks
- classroom
- 1/20 sloped ramp
- classroom
- outdoor stage
- private student nook
- classroom
- mechanical room
- fireplace
- bathroom
- commons
- kitchen
- janitor closet
- office
- communal office
- office
- reception

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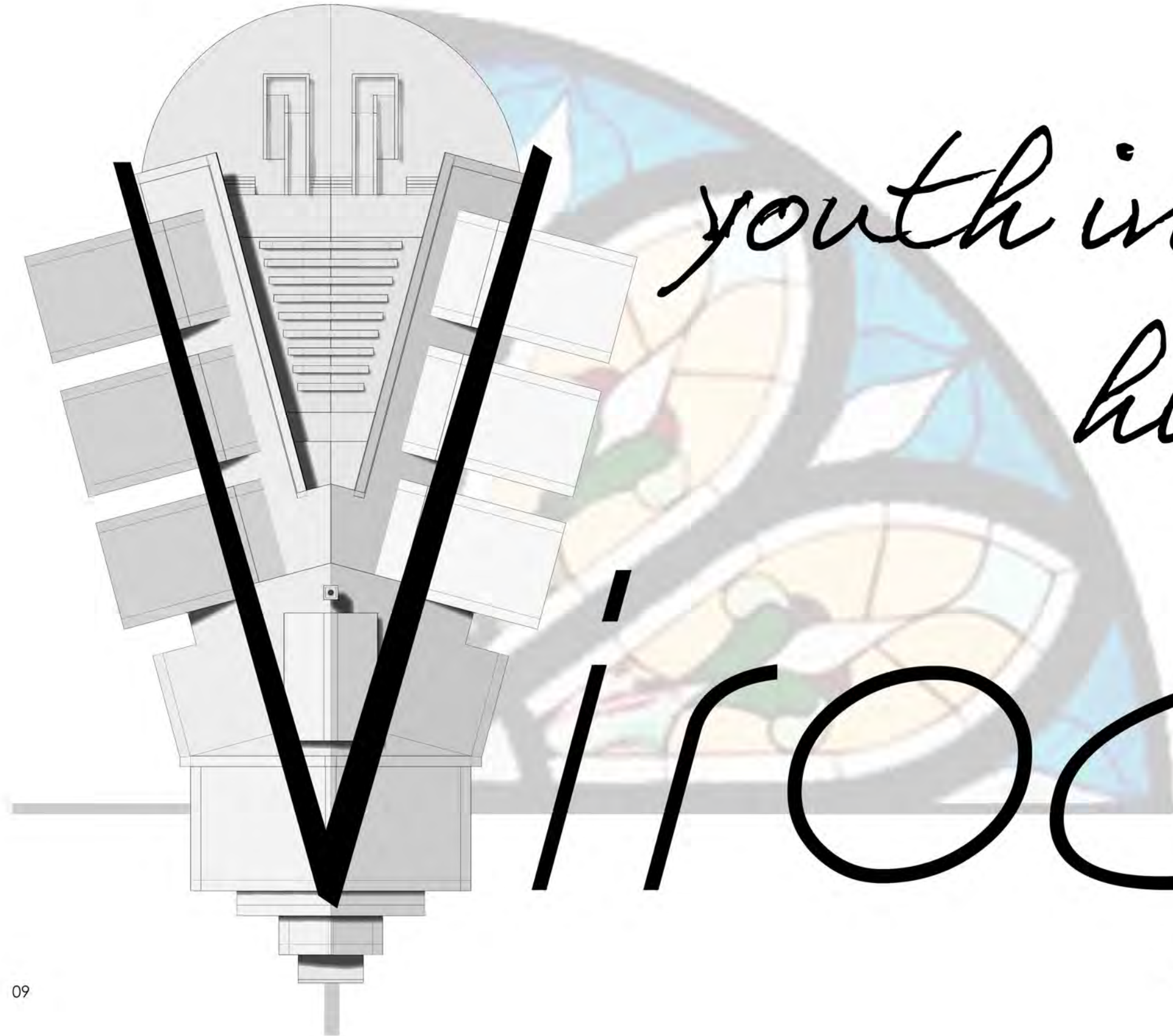
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thank you

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*youth initiative
high school*

Viroqua