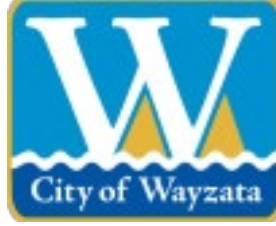


ENERGY AND ENVIRONMENT COMMITTEE

Tuesday, September 26, 2023 5:00 PM – 6:30 PM

**Wayzata City Hall
600 Rice Street East
Wayzata, MN 55391**

1. Roll Call
2. Approve Agenda
3. Approve August 29, 2023 Meeting Minutes
4. EV Event Recap
5. Sustainable Home Update
6. Municipal Solar Update
7. Klapprich Park Concept Plan Review
8. Next Meeting – October 24
9. Adjournment



ENERGY AND ENVIRONMENT COMMITTEE

Meeting Minutes

Tuesday, August 29, 2023 5:00 PM – 6:30 PM

1. Roll Call

Committee Attendees: Chair Lauren Lindelof, Dr. Edmund Chute, KC Chermak, David Ferri, Meaghan Yorro, and Ava McNanley.

Wayzata City Staff Member: Nick Kieser, Parks Planner

2. Approve Agenda

Motion to approve agenda, first by Ferri, and seconded by Chermak. Motion passed 6-0.

3. Approve July 25, 2023

Motion to approve minutes as amended, first by Chute and seconded by Ferri. Motion passed 6-0.

4. EV Event Update

Staff provided an update that the EV Event has started to be promoted in the Wayzata Weekly, social media, and will be in the September Portal. The flyer that was created has also been put out at City Hall. Chair Lindelof noted that the dealerships, scooters, and boats will be out for display starting at 5:00 pm and the educational speakers will start their presentation at 6:00 pm. The two educational speakers will be Scott Randall from Blazing Star Energy and teaches at Century College, along with Alan Wernke who has given many EV presentations.

A list of the dealerships that are coming to the event and that have been contacted has been created. Staff will ask the partners at the Minnesota Clean Cities Coalition if there is any update on the dealerships that have not confirmed yet. The Committee noted that additional promotion could go out to more news stations which staff will work on. Sandwich board signs can also be put out near City Hall closer to the event date. McNanley noted that she will try to put up flyers or marketing materials at the High School as well. Chermak and Ferri stated that they will try to get a food truck lined up for the event.

5. Sustainable Home Review

The Committee reviewed the printouts of the sustainable home that staff put together. Staff included three diagrams that show different projects/programs that a resident can complete to create a more sustainable home. The Committee provided comments and updates to the diagrams which staff will incorporate for review at the next meeting.

6. Municipal Solar Update

Staff provided an update of the solar installation project on municipal buildings. To start, the Public Works solar installation is almost complete as they are putting up the final solar panels now. There will be additional electrical work that needs to be completed along with an inspection by Xcel Energy which will take some more time.

The Muni/Liquor Store will be the next building to have the solar installations sometime in late September then the City Hall complex will be started in October.

9. Next Meeting – September 26

10. Adjournment

Motion to adjourn at 6:05 pm. Motion passed 6-0.



Features of a net-zero home

Interior

Efficient Lighting

Install LED lights throughout the house.

Weatherization

Improve insulation, windows, moisture control, ventilation, etc. and add weather stripping.

Off-Peak Electric Meter

Air Source Heat Pump

Install air source heat pumps for more efficient heating and cooling.

Heat Recovery Ventilation

Distributes tempered fresh air throughout the home.

Heat Pump Water Heater

Efficient electric water heating.

Low-Flow Water Fixtures

To reduce use of water in your household.

Install Ceiling Fans

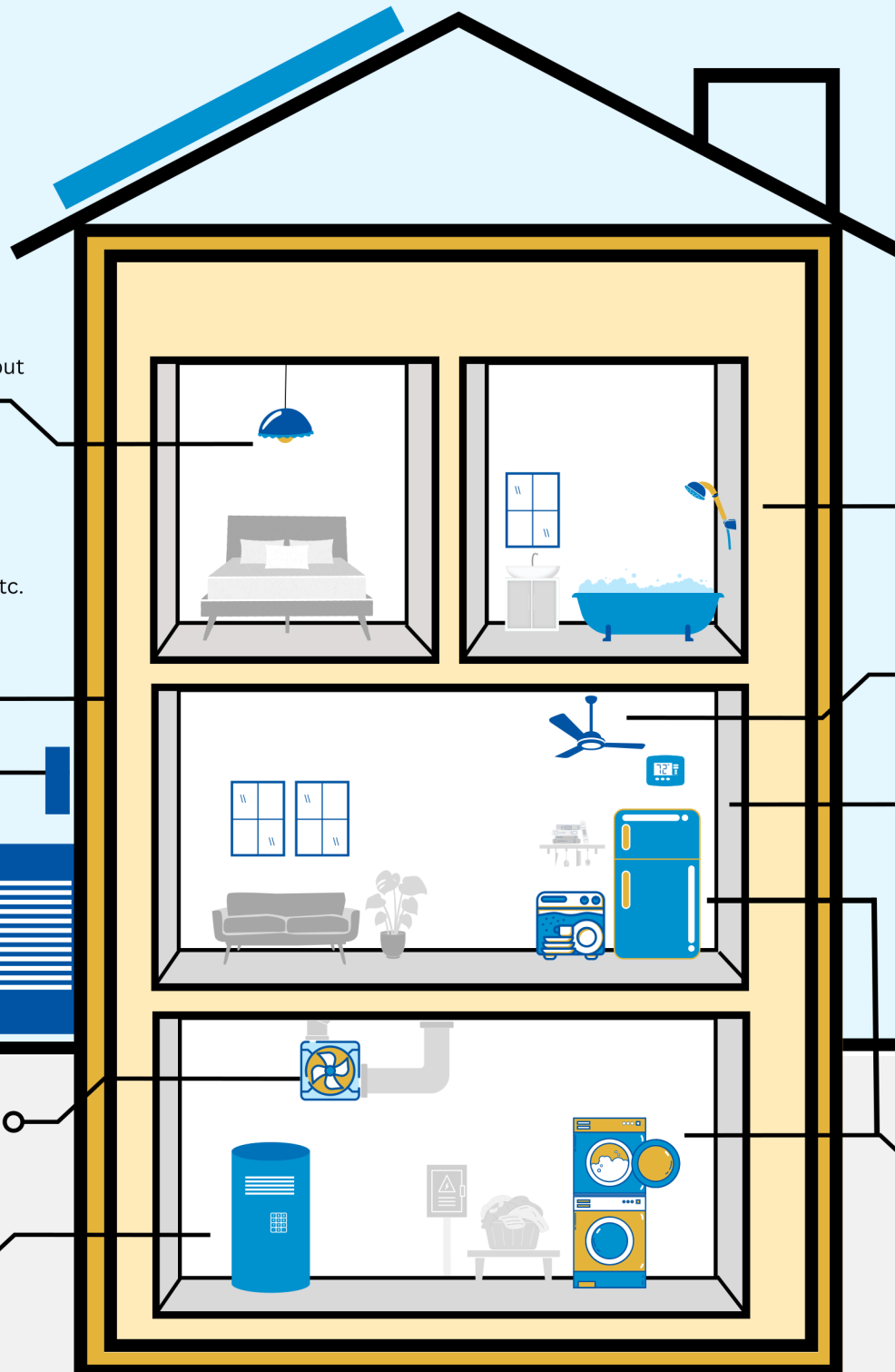
To help air flow evenly throughout the home.

Smart Thermostat

Install app based thermostat in your home.

Electric & Energy Star Appliances

Most efficient models for all major appliances.





Solar Panels

Install solar panels on your house or utilize subscription based renewable energy opportunities.

Green Roofs

Reduce energy use by cooling roofs and providing shading, thermal mass and insulation. Green roofs also provide new urban habitat for plants and animals, like birds and insects.



Features of a net-zero home

Exterior

Extended Awnings

Install fixed or retractable awnings to shade windows from sun exposure.

EV Charging Station

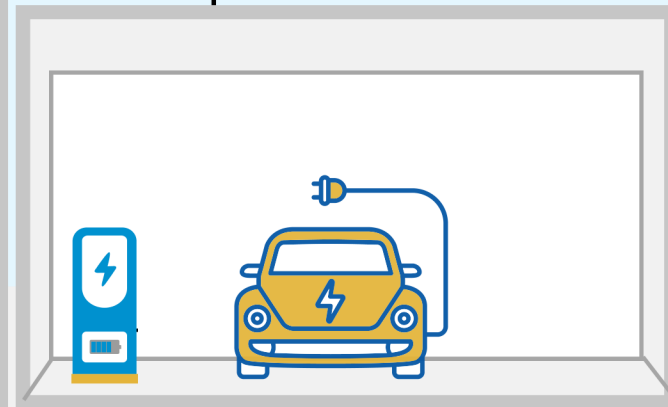
Use electric vehicles and install charging stations.

Rain Barrels

Utilize rain barrels to capture rain water for future use.

Driveway Material

Use permeable pavers, aggregate rock mix, and/or lighter color driveway material.





Features of a net-zero home

Yard

Plant Trees for Shade

Plant trees in specific locations to shade your home, offer wind protection, and stormwater runoff collection.

Urban Garden

Plant a garden to provide fruits, vegetables, and herbs.

Smart Sprinklers

Utilize timed and efficient sprinklers for the lawn and gardens.

No Mow/Low Mow

Plant grass seed that requires less yearly maintenance.

Compost

Start a compost area to reduce waste and provides nutrients for your lawn and gardens.

Electric Yard Tools

Use electric yard tools to reduce carbon emissions from gas powered equipment.

Native Garden

Plant native species to increase biodiversity, control stormwater runoff, prevent erosion, create additional habitats, etc..

Rain Garden

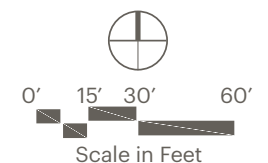
Stormwater runoff collects in the garden, is filtered through the soil, and is slowly released back into the ground.



Klapprich Park | Final Concept Plan

Wayzata, MN

August 23, 2023 | WSB Project number: 022538-000



wsb

PAVILION RENOVATION
BELL COURTS - WAYZATA, MN.

DRAWING INDEX

- TITLE COVER AND DRAWING INDEX
- EXISTING FLOOR PLAN (for reference)
- FLOOR PLAN
- EXTERIOR ELEVATIONS

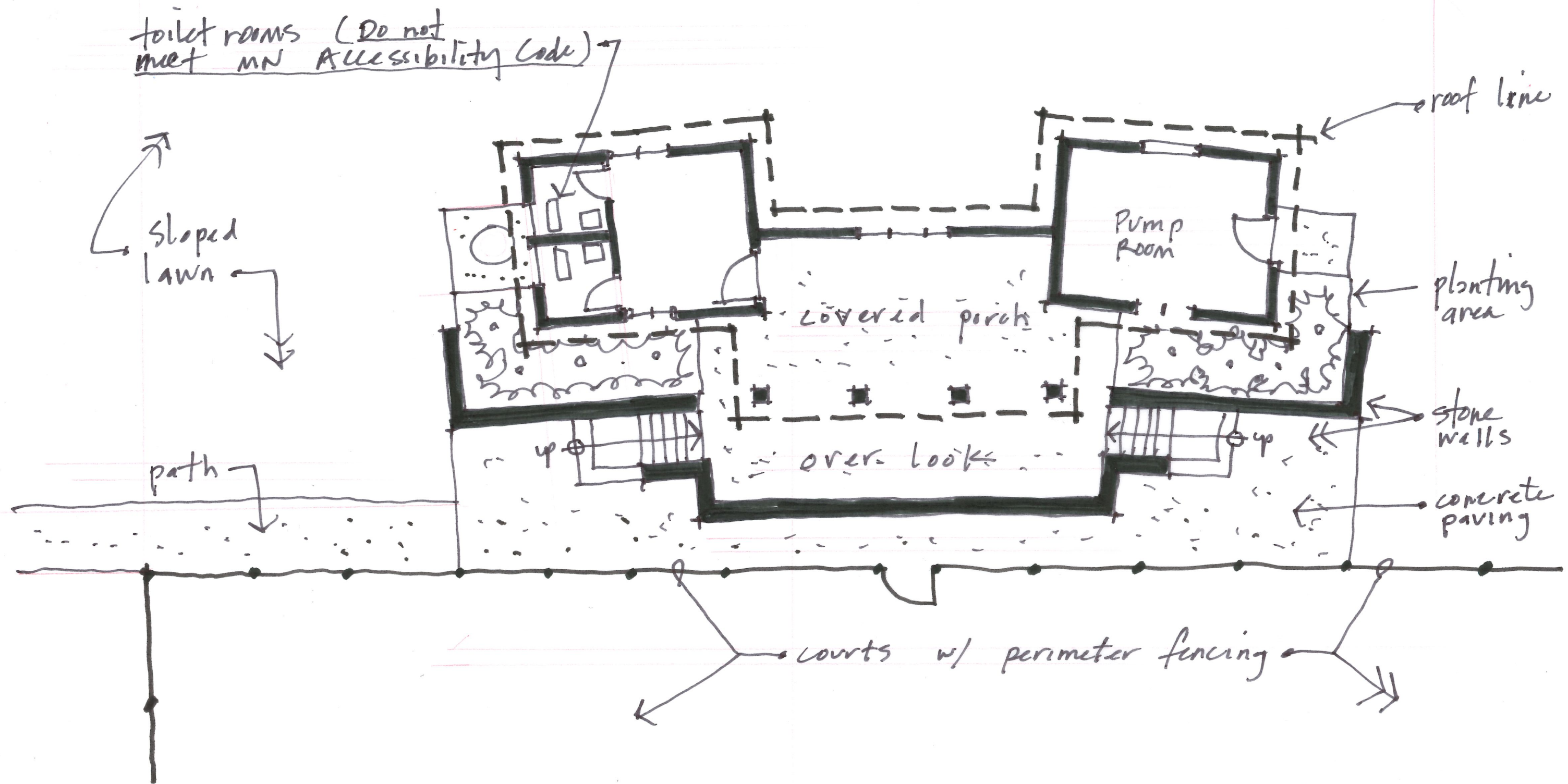


Photos of Existing Bell Courts Pavilion

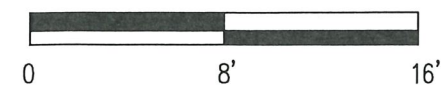
PAVILION RENOVATION
BELL COURTS - WAYZATA, MN

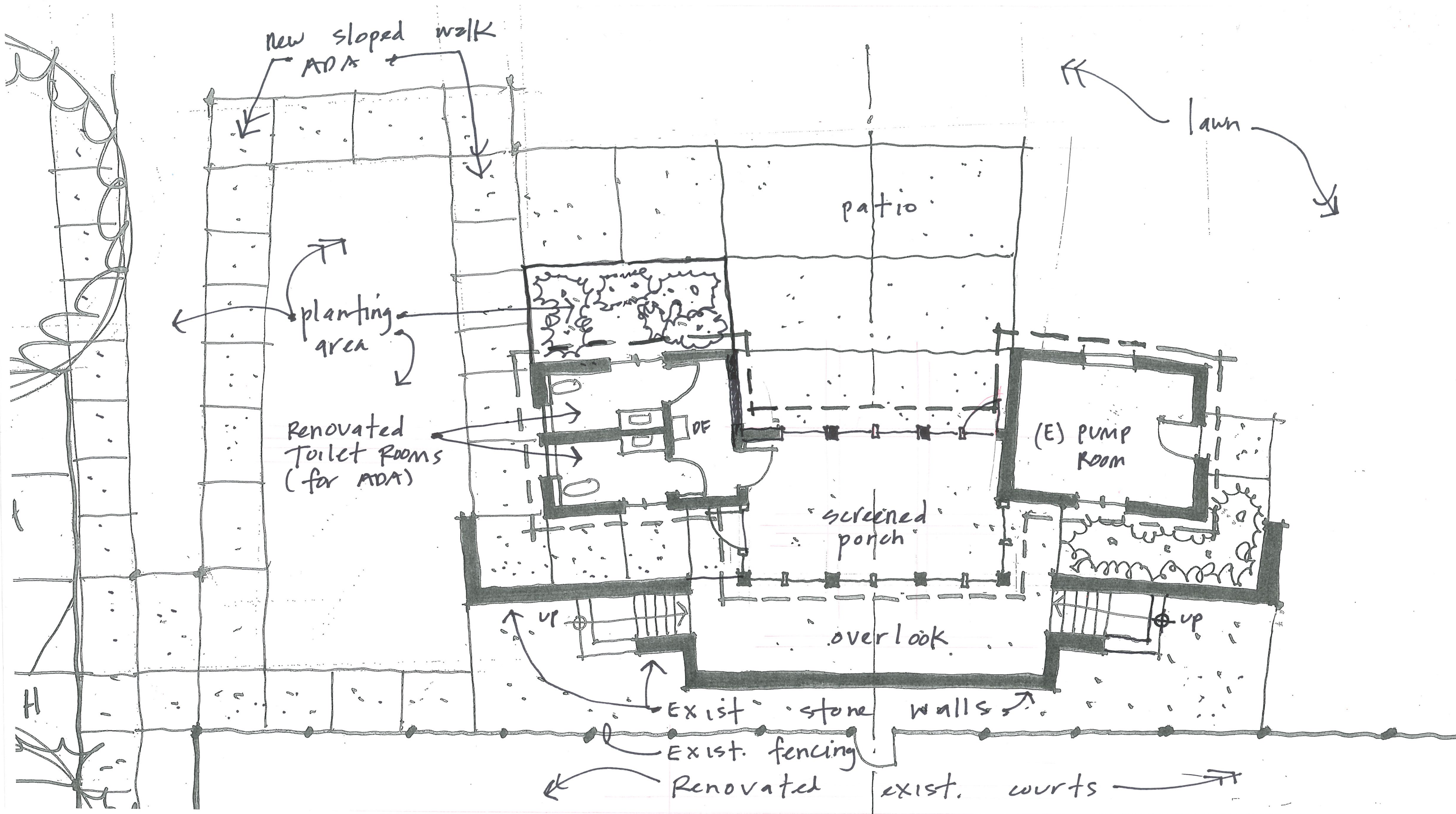


HAGEN, CHRISTENSEN & MCILWAIN
ARCHITECTS

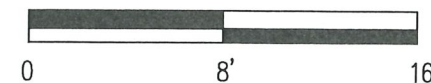


BELL COURTS PAVILION - EXISTING FLOOR PLAN
WAYZATA, MN

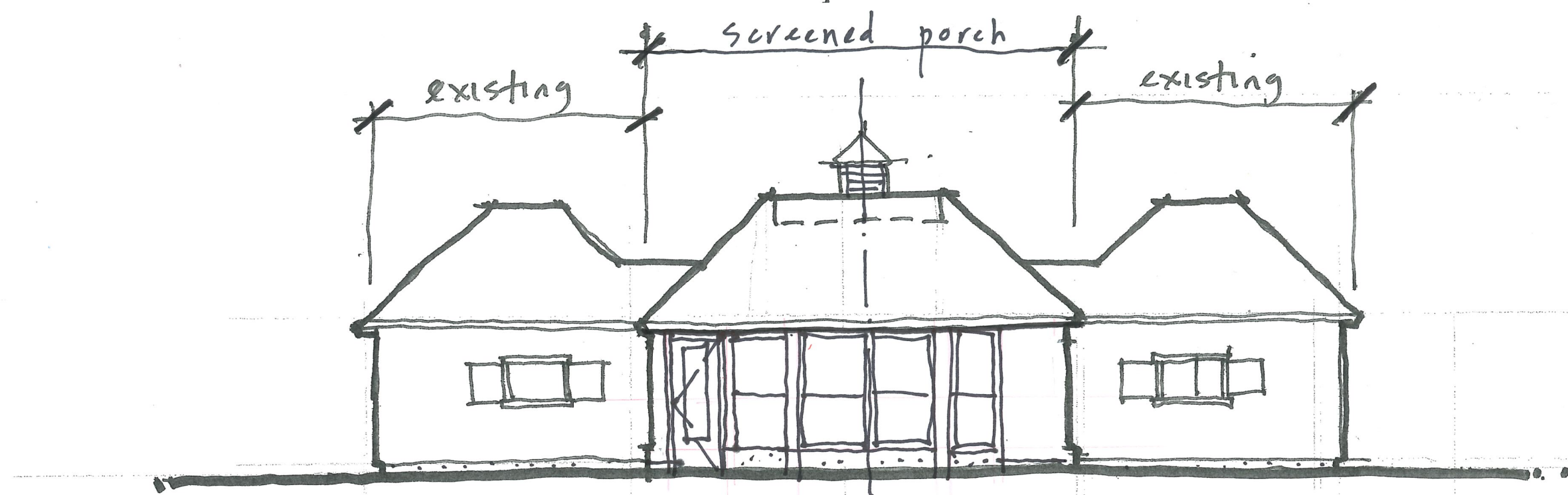




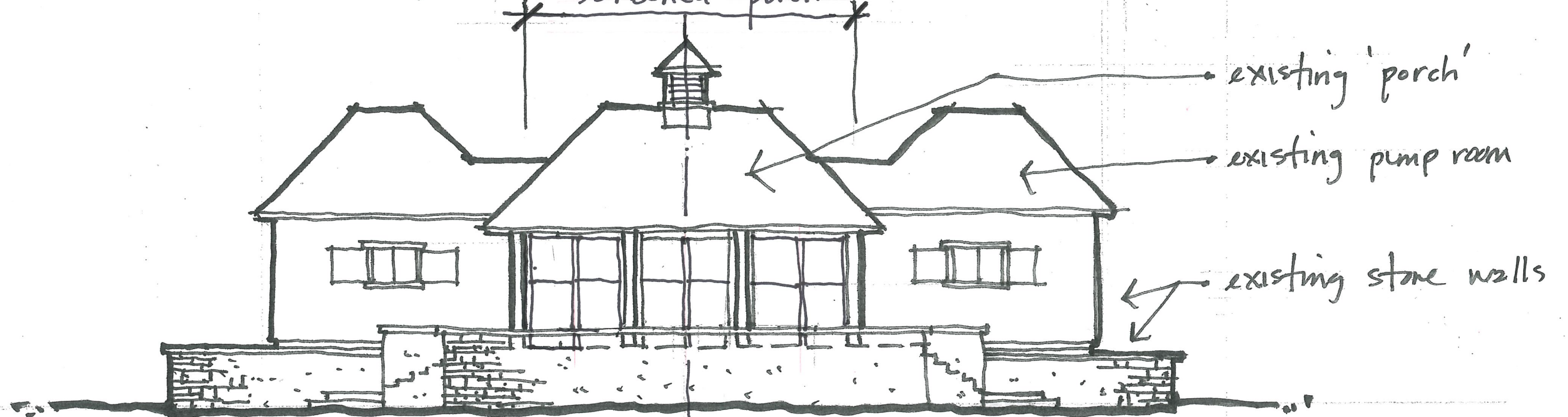
BELL COURTS PAVILION - RENOVATION - FLOOR PLAN
WAYZATA, MN



HAGEN, CHRISTENSEN & MCILWAIN
ARCHITECTS

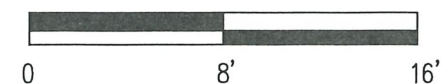


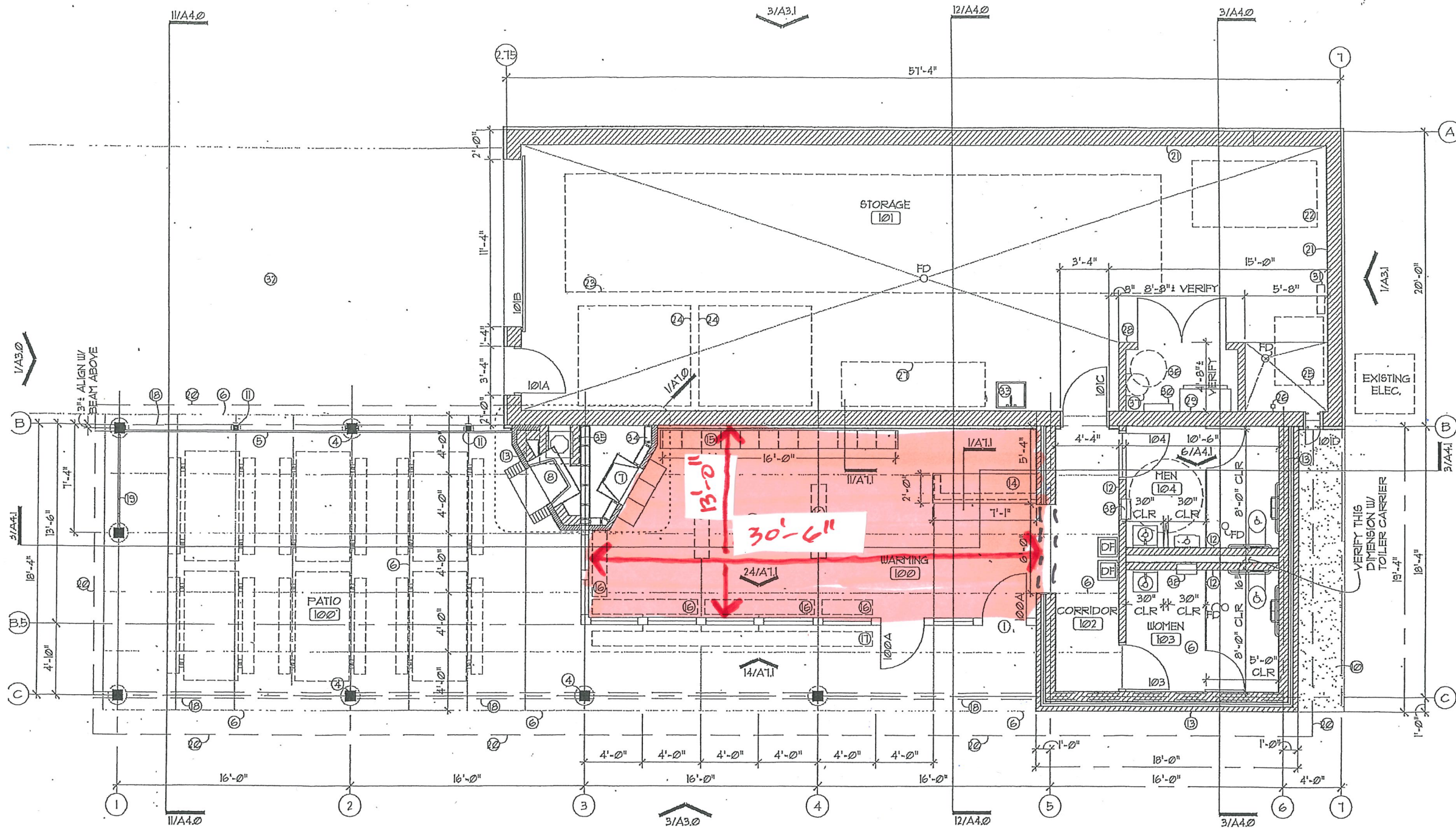
West Elevation



East Elevation (Facing Courts)

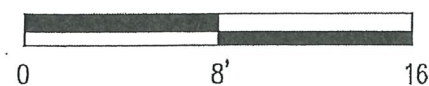
BELL COURTS PAVILION - RENOVATION - ELEVATIONS
WAYZATA, MN



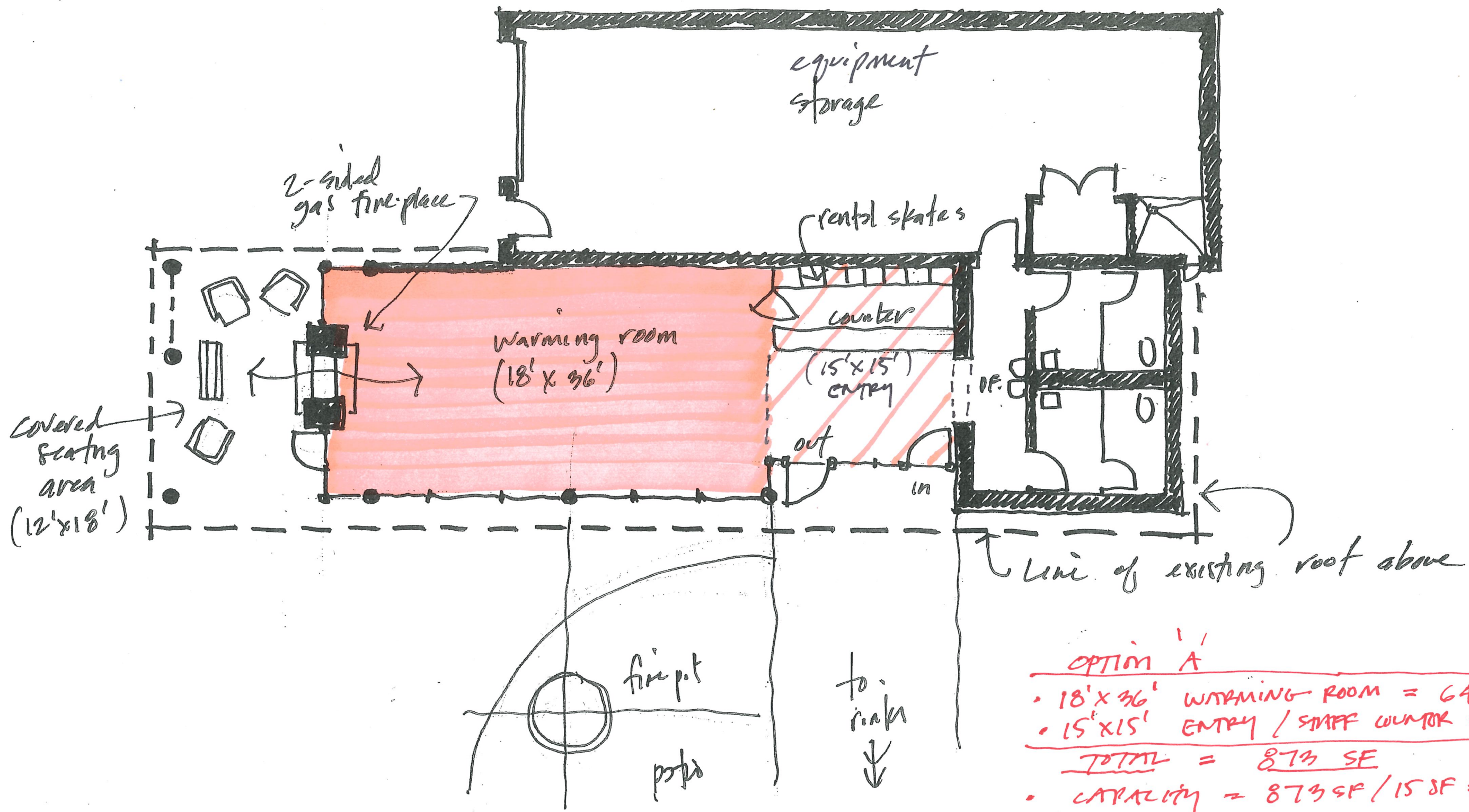


- EXISTING WARMING SPACE
- $13'-0" \times 30'-6" = 396 \text{ SF.}$
 - $\text{CAPACITY} = 396 \text{ SF} / 15 \text{ SF/OCCUPANT} = 26-30 \text{ OCCUPANTS.}$

WARMING HOUSE BUILDING - EXISTING FLOOR PLAN
KLAPPRICH PARK - WAYZATA, MN



HAGEN, CHRISTENSEN & MOILWAIN
ARCHITECTS



OPTION A

- 18' x 36' WARMING ROOM = 648 SF
- 15' x 15' ENTRY / STAFF COUNTER = 225 SF

TOTAL = 873 SF

- CAPACITY = 873 SF / 15 SF = 58-64 OCCUPANTS.

WARMING HOUSE BUILDING - **OPTION "A" FLOOR PLAN**
KLAPPRICH PARK - WAYZATA, MN

5.31.2023

