

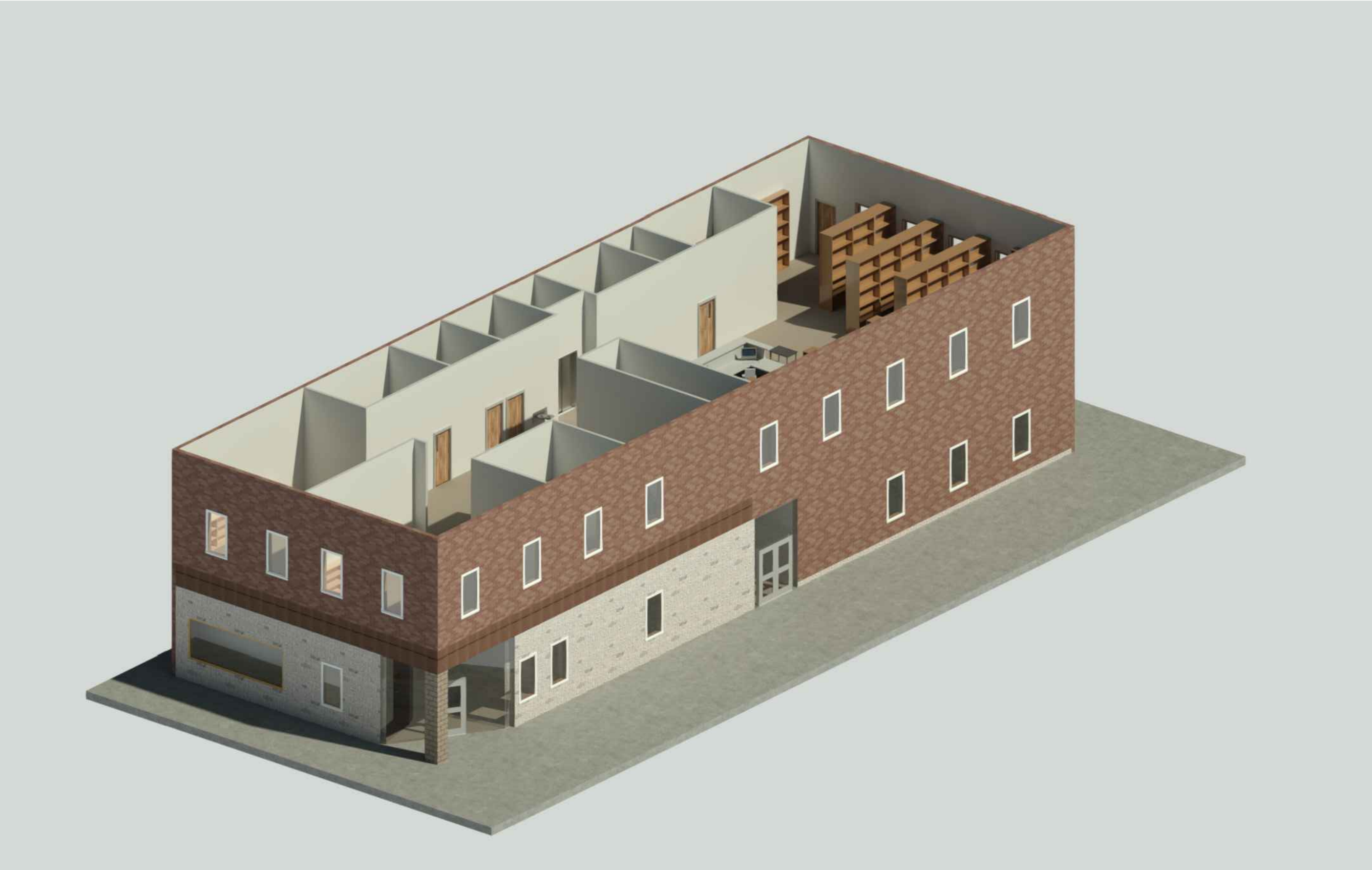


NEW SHARON CITY HALL IMPROVEMENTS

DESIGN PREPARED FOR THE CITY OF NEW SHARON, IA

MAY 16TH, 2025

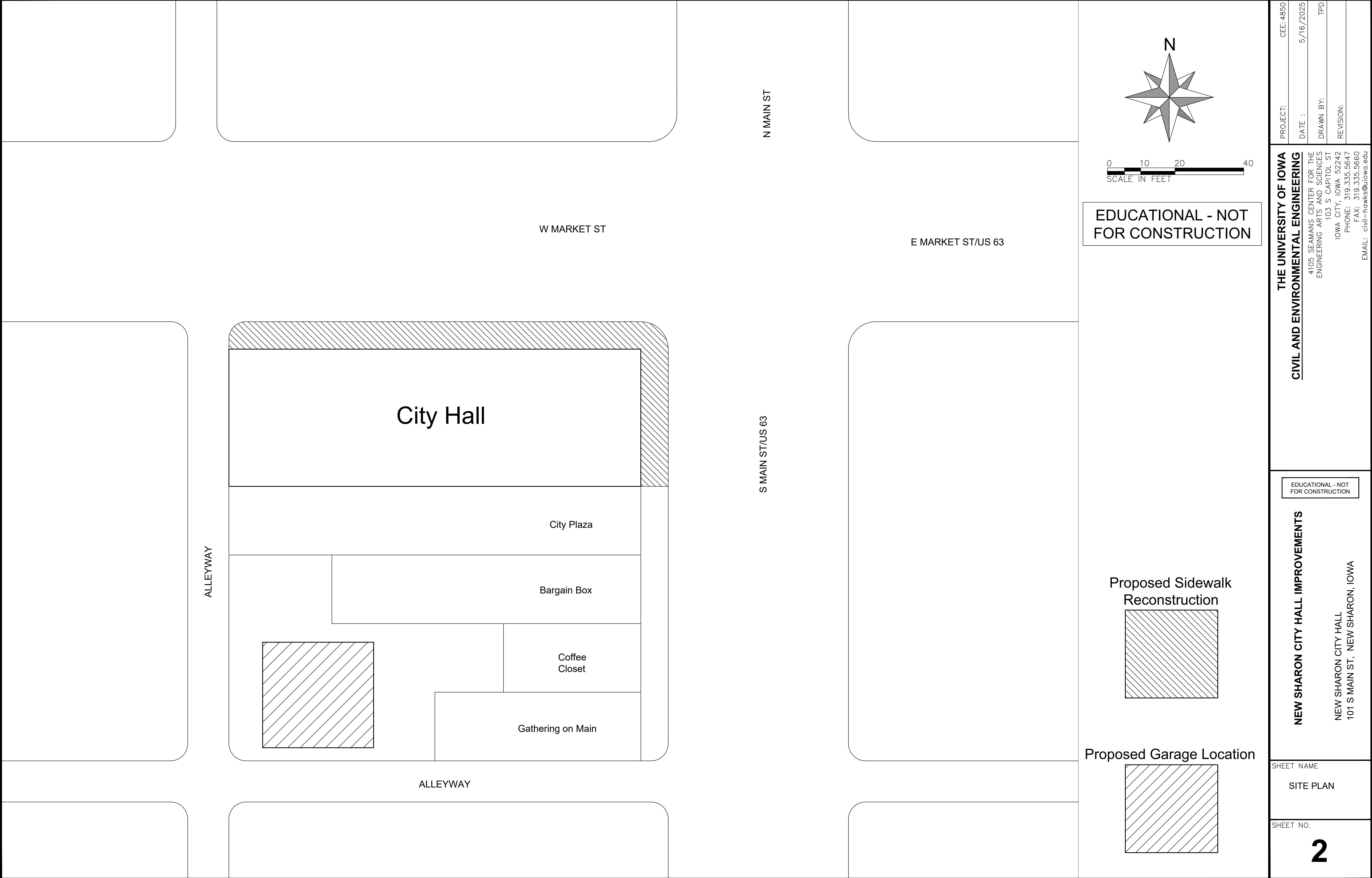
PROJECT LOCATION:



- SHEET INDEX:

 - 1 COVER SHEET
 - 2 SITE PLAN
 - 3 FIRST FLOOR PLAN
 - 4 SECOND FLOOR PLAN
 - 5 BASEMENT FLOOR PLAN
 - 6 POLICE GARAGE FLOOR PLAN
 - 7 FIRST FLOOR CONSTRUCTION DETAILS
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- 10 POLICE GARAGE CONSTRUCTION DETAILS
 - 11 SIDEWALK PLAN
 - 12 SIDEWALK CROSS-SECTION DETAIL
 - 13 SIDEWALK RAMP DETAIL
 - 14 NORTH ELEVATION PLAN
 - 15 EAST ELEVATION PLAN
 - 16 SOUTH ELEVATION PLAN
 - 17 WEST ELEVATION PLAN

PROJECT:	CEE: 4850
DATE :	5/16/2025
DRAWN BY:	BHH
REVISION:	
THE UNIVERSITY OF IOWA CIVIL AND ENVIRONMENTAL ENGINEERING 4105 SEAMANS CENTER FOR THE ENGINEERING ARTS AND SCIENCES 103 S CAPITOL ST IOWA CITY, IOWA 52242 PHONE: 319.335.5647 FAX: 319.335.5660 EMAIL: civil-hawks@iowa.edu	
NEW SHARON CITY HALL IMPROVEMENTS NEW SHARON CITY HALL 101 S MAIN ST, NEW SHARON, IOWA	
SHEET NAME	COVER SHEET
SHEET NO.	1



PROJECT:	CEE: 4850
DATE :	5/16/2025
DRAWN BY:	TPD
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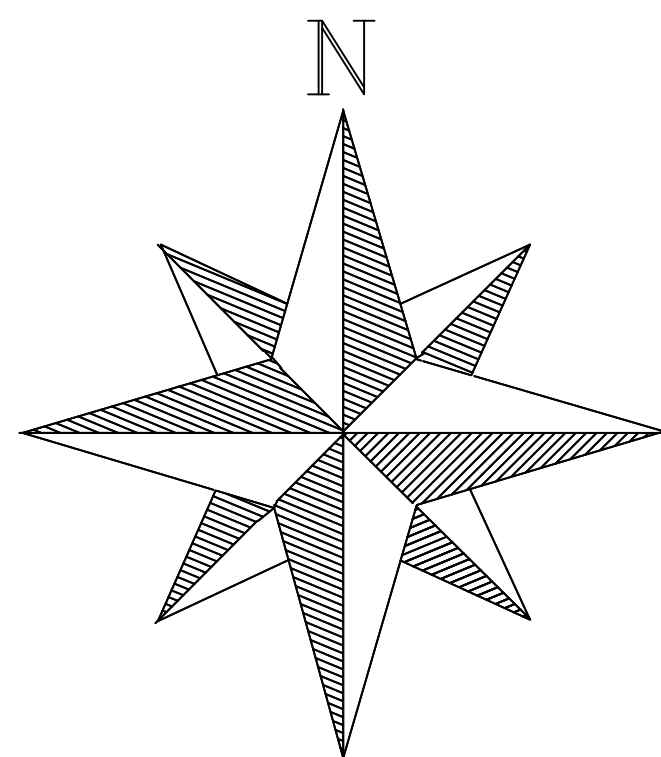
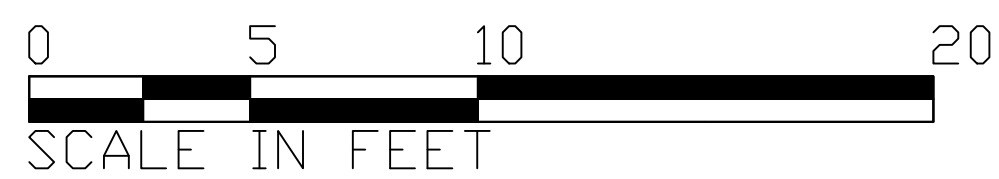
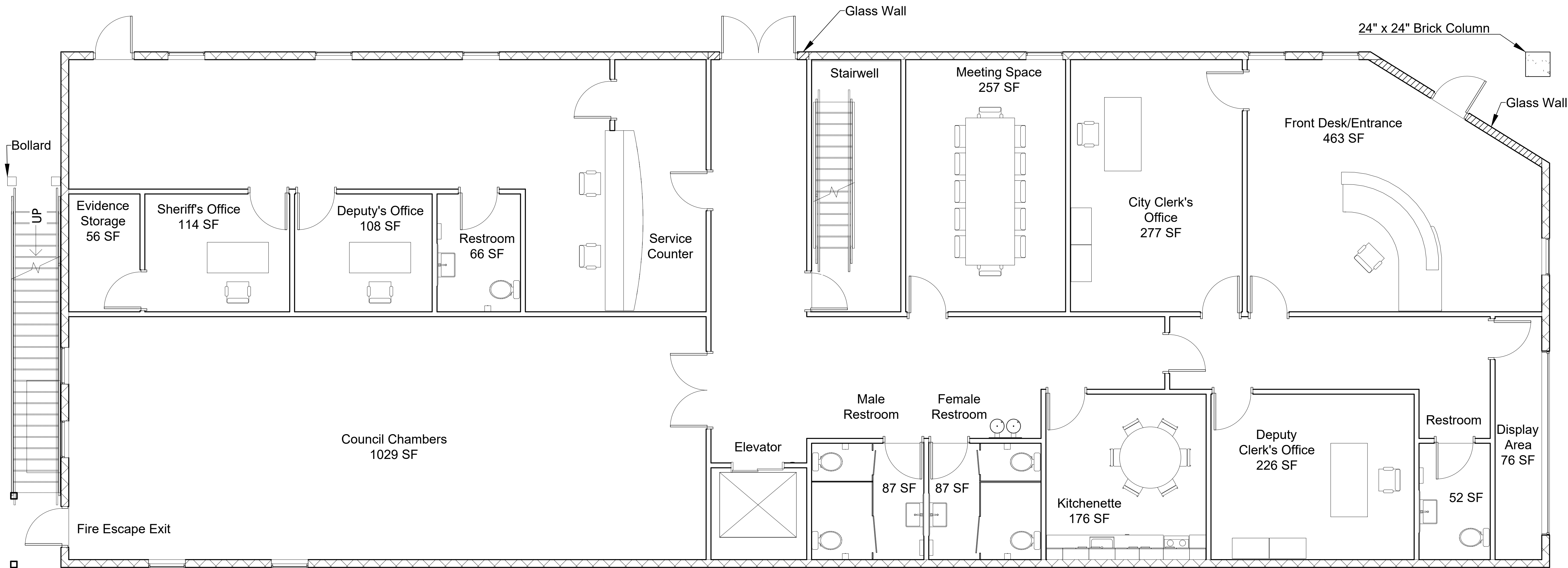
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NEW SHARON CITY HALL IMPROVEMENTS

NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME
SITE PLAN

SHEET NO.
2



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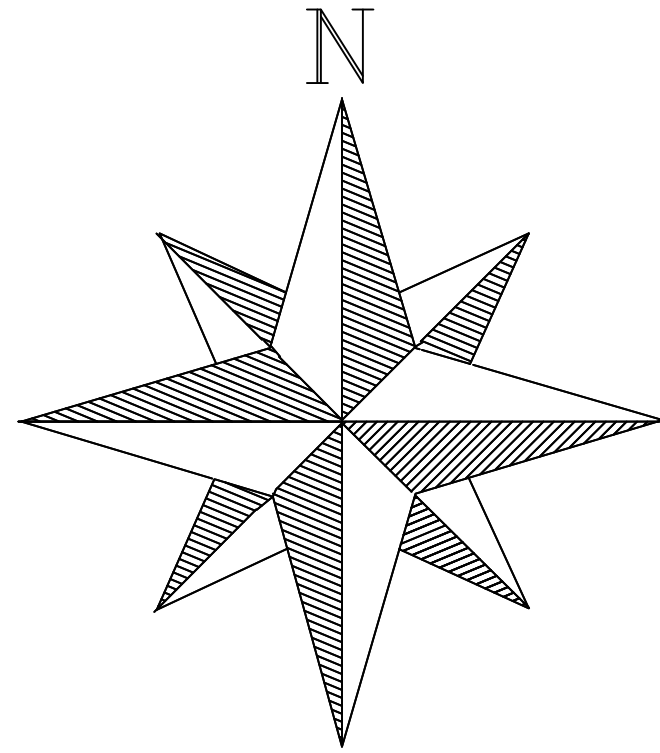
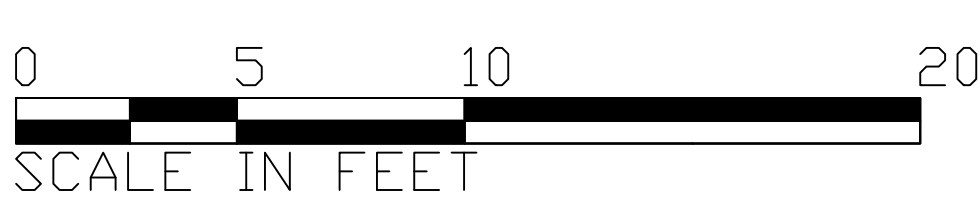
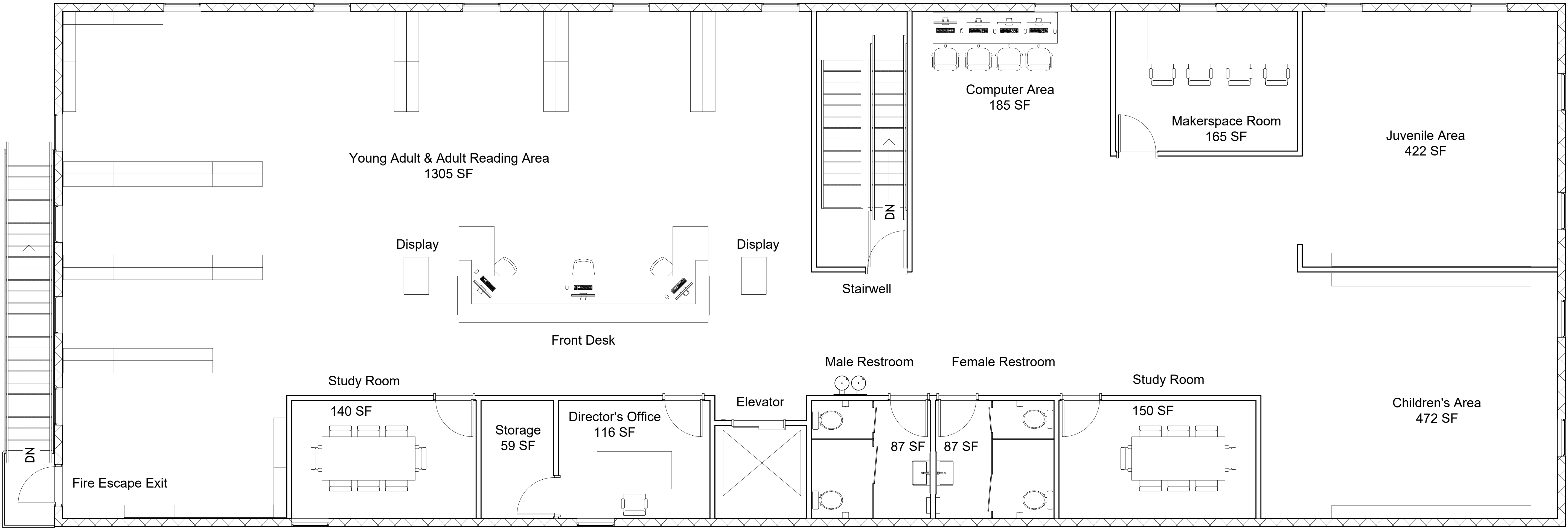
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-----------------------------------	---

SHEET NAME
FIRST FLOOR FLOOR PLAN

SHEET NO.
3



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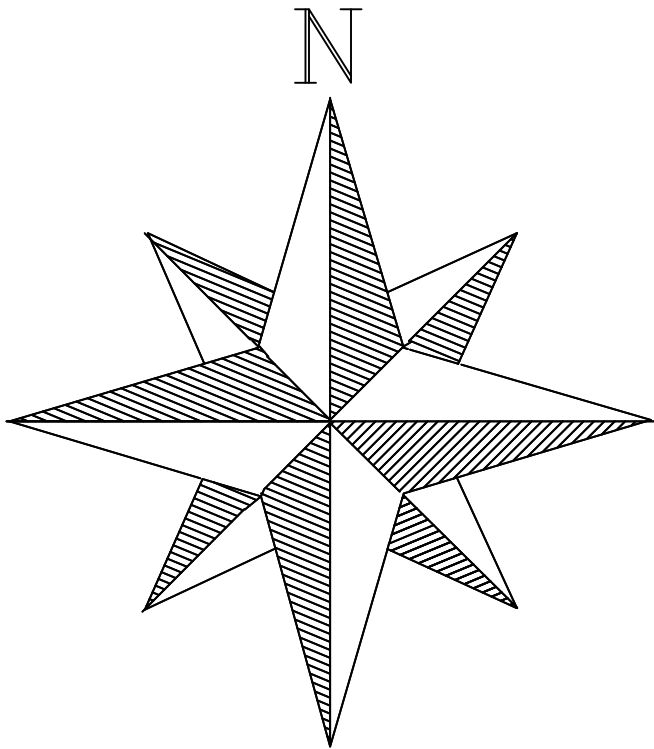
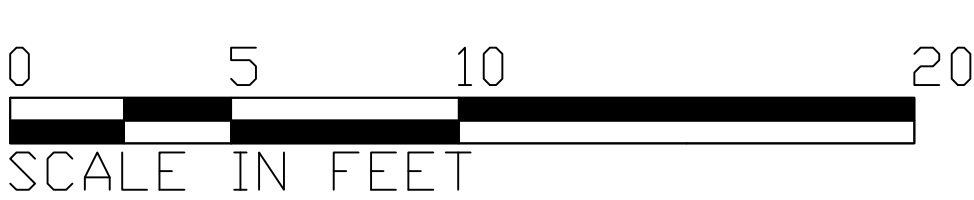
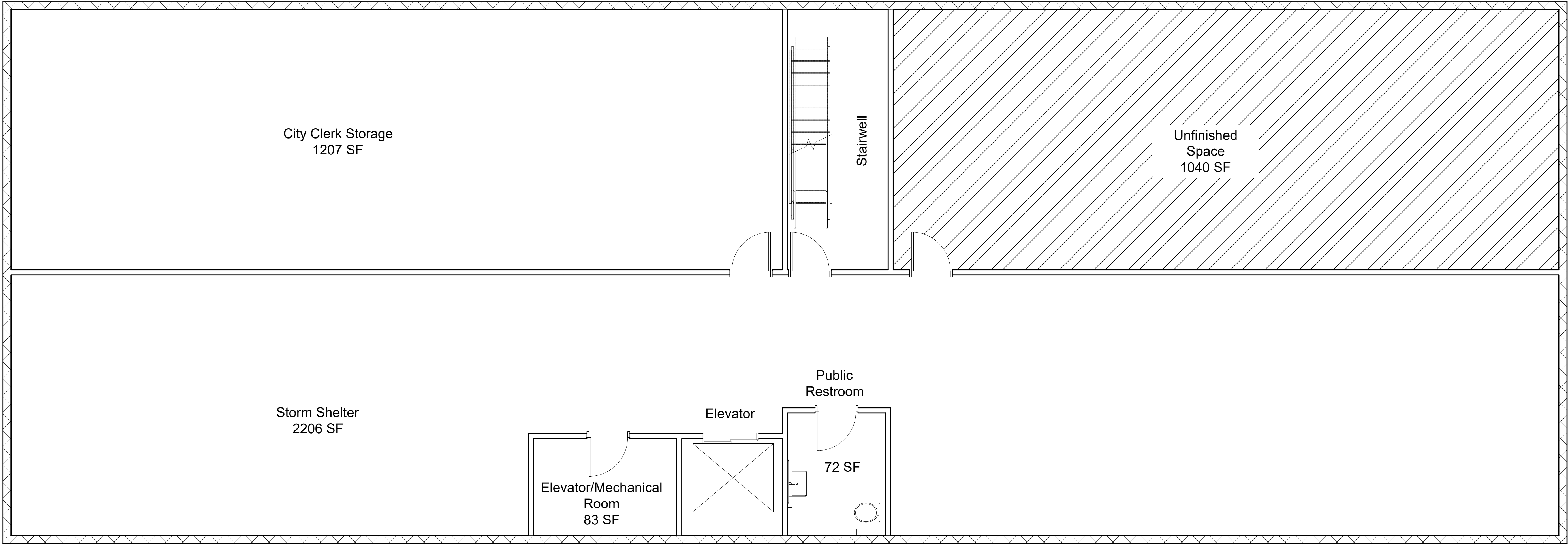
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NEW SHARON CITY HALL IMPROVEMENTS

NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME
**SECOND FLOOR
FLOOR PLAN**

SHEET NO.
4



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NEW SHARON CITY HALL IMPROVEMENTS

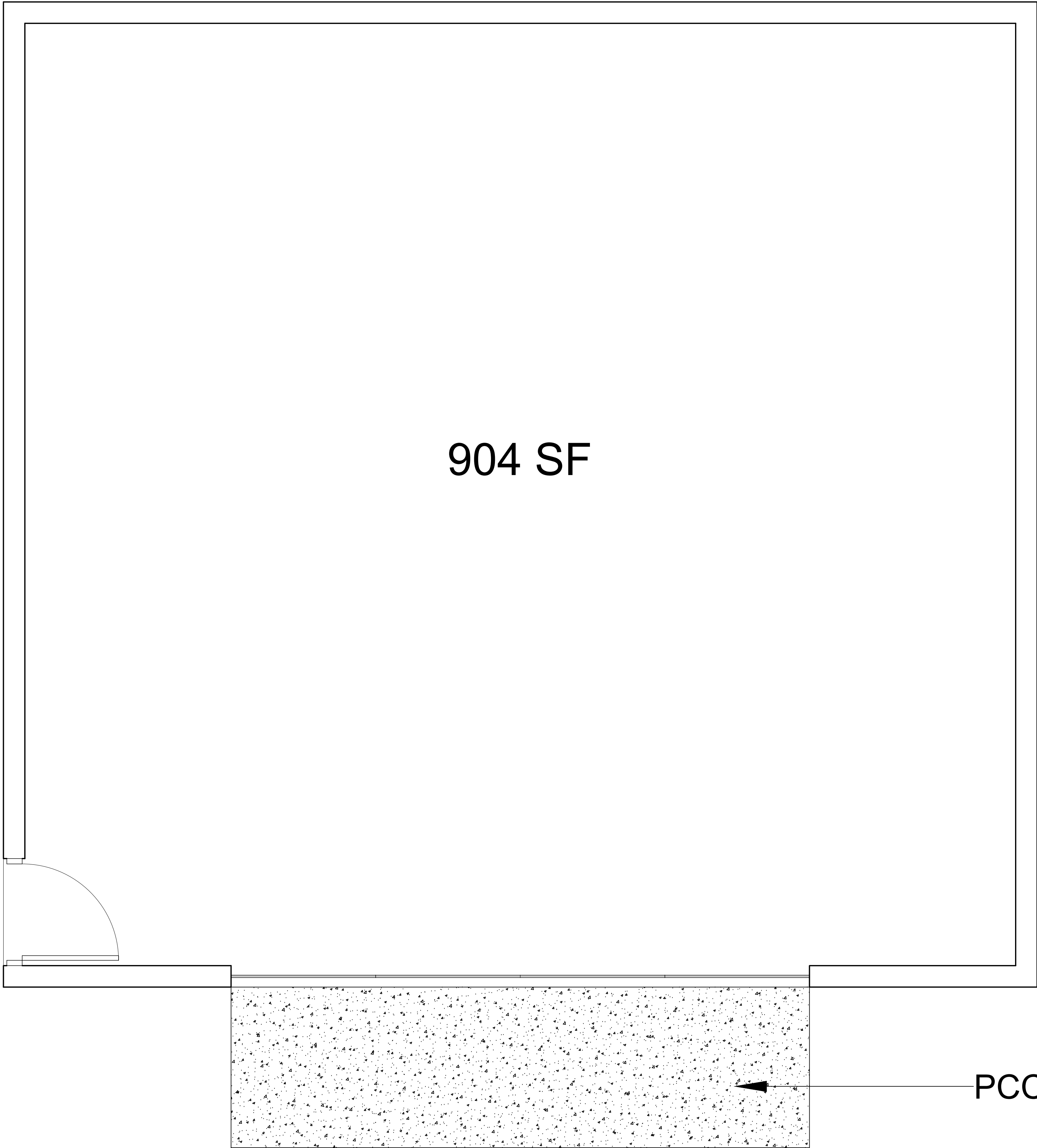
NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME

BASEMENT
FLOOR PLAN

SHEET NO.

5



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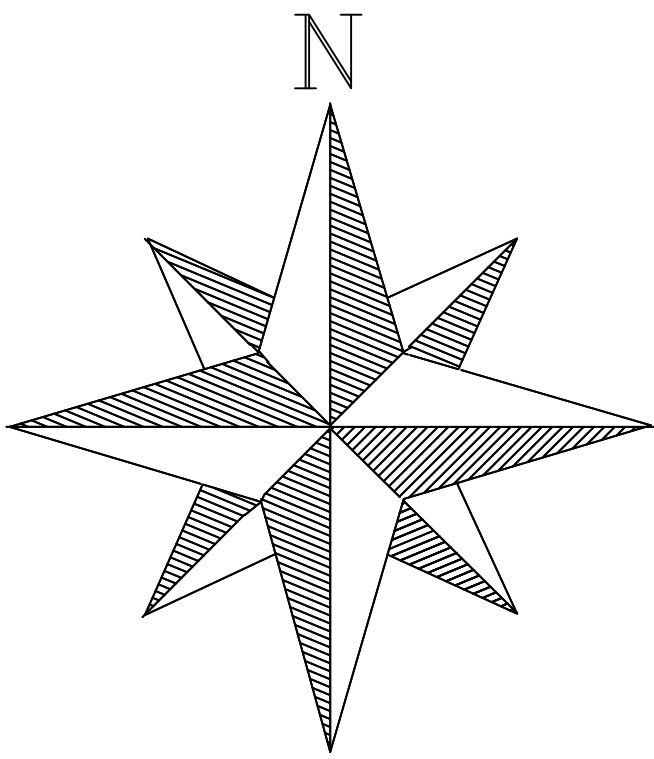
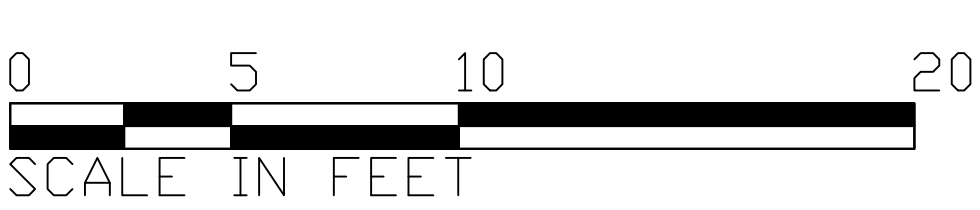
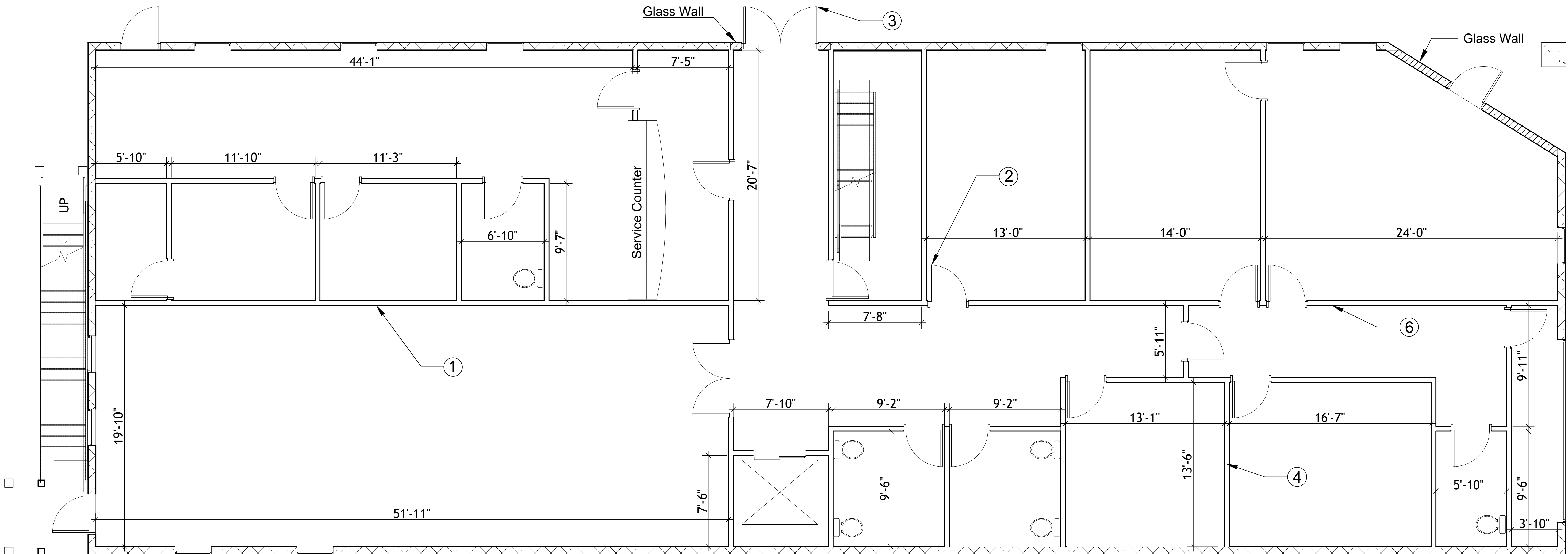
PROJECT:	CEE: 4850
DATE :	5/16/2025
DRAWN BY:	TPD
REVISION:	
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NEW SHARON CITY HALL IMPROVEMENTS	
NEW SHARON CITY HALL 101 S MAIN ST, NEW SHARON, IOWA	
SHEET NAME	POLICE GARAGE FLOOR PLAN
SHEET NO.	6

General Notes:

- Install new HVAC system throughout the building, including all associated ductwork, equipment, and controls.
- Install sprinkler system throughout the building in accordance with all applicable codes, including piping, heads, and controls. In addition, provide dry chemical fire suppression systems for the Police Department evidence storage and the City Clerk's storage areas located in the basement, as required by code and appropriate for the protection of sensitive materials.
- Install new utility connections and services to the building, including water, sewer, gas, electric, and telecommunications.
- Securely plug the abandoned roof drain connection along the alley.

Construction Notes:

- ① This floor has a new load-bearing wall. Structural headers will be required above all doors and hallways.
- ② All single doors are 3' wide.
- ③ All double doors are 6' wide.
- ④ All interior walls are 5" thick.
- ⑥ Existing load-bearing wall to be removed and replaced. Provide temporary shoring prior to demolition.



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NEW SHARON CITY HALL IMPROVEMENTS

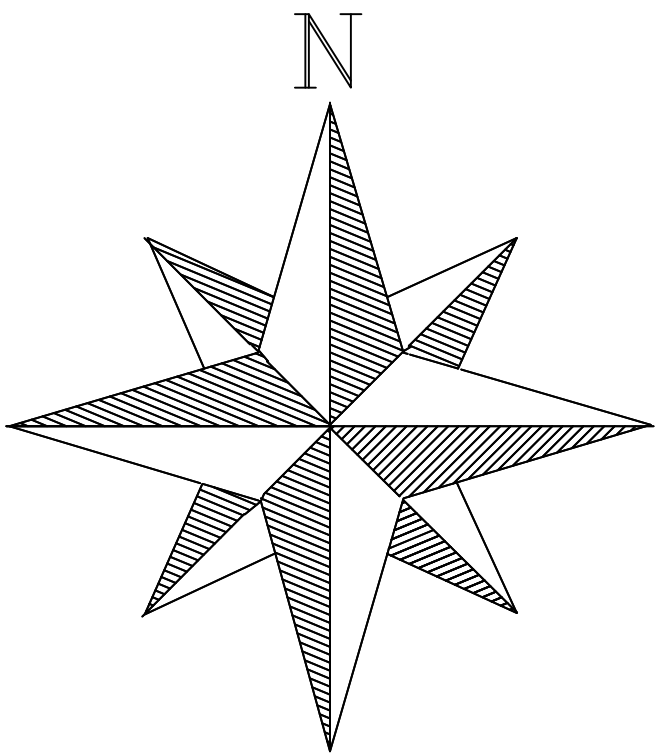
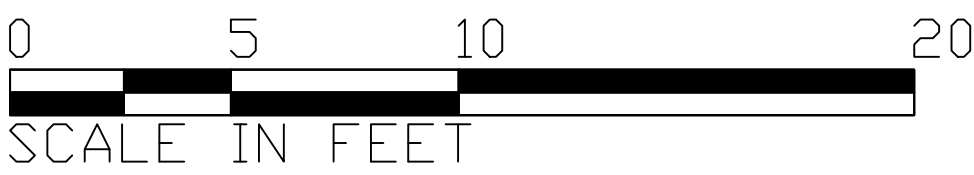
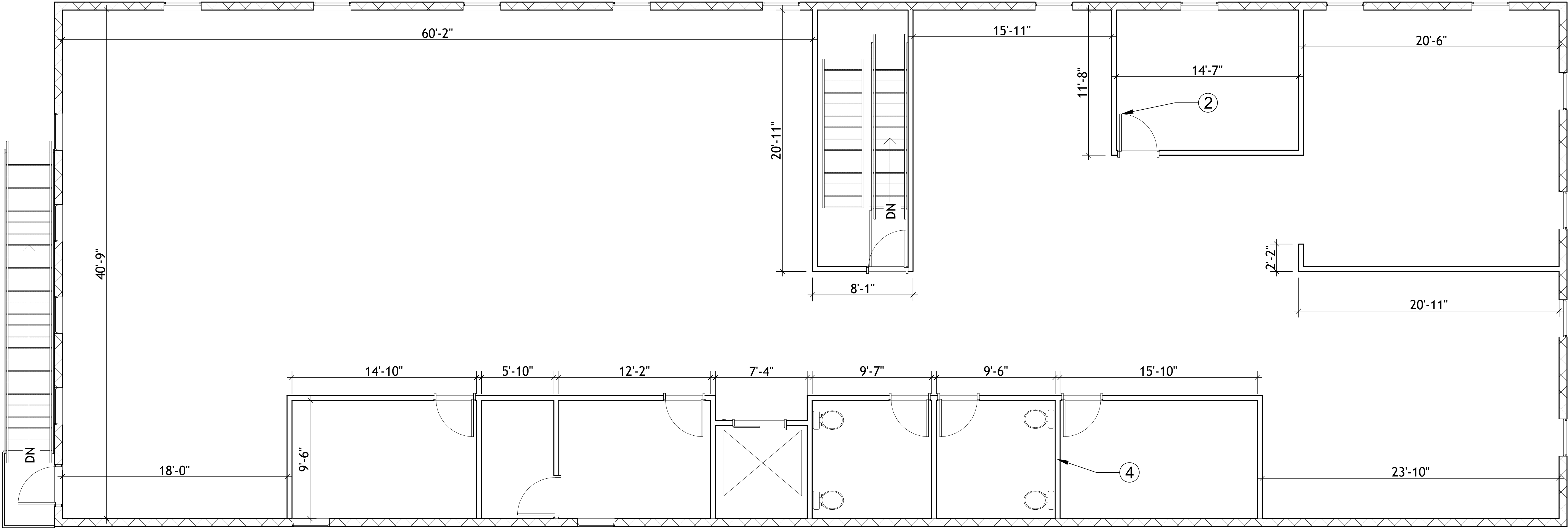
NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME
**FIRST FLOOR
DETAIL**

SHEET NO.
7

Construction Notes:

- ② All single doors are 3' wide.
- ④ All interior walls are 5" thick.



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NEW SHARON CITY HALL IMPROVEMENTS

NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME

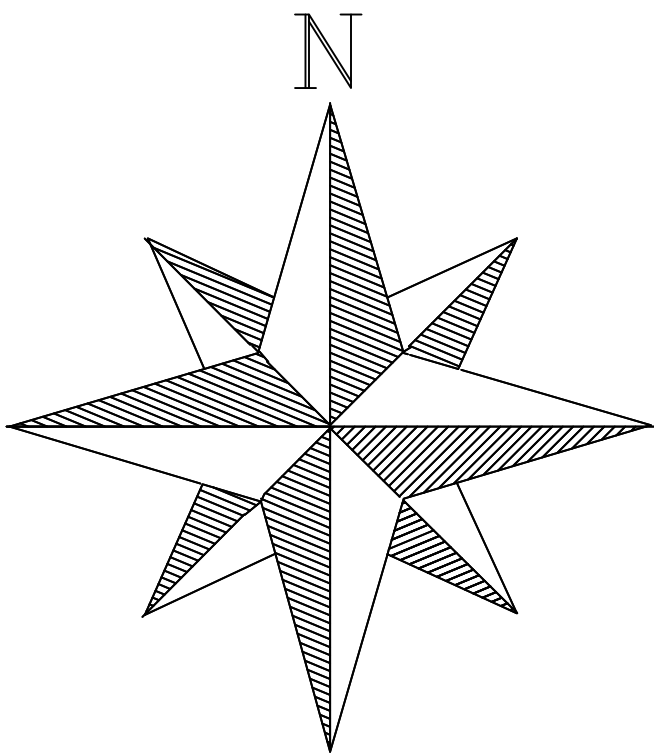
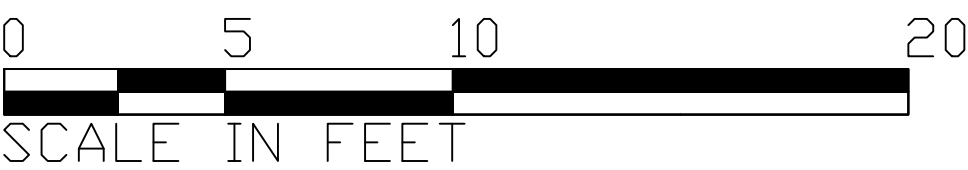
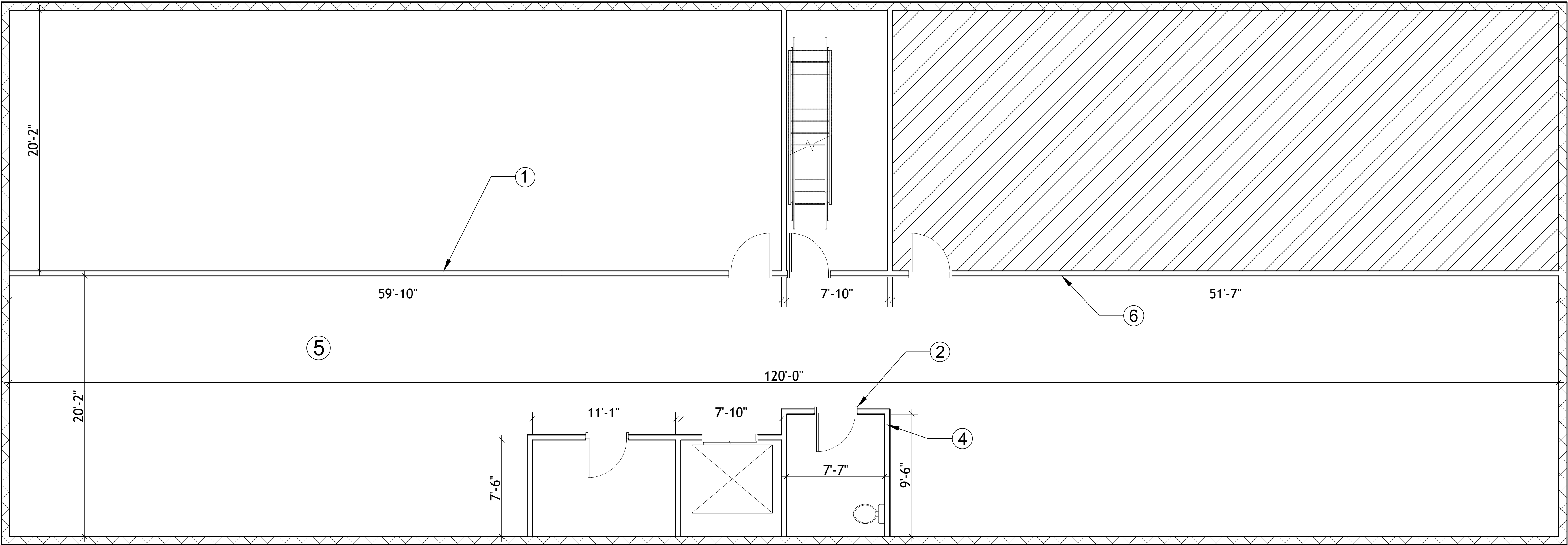
SECOND FLOOR
DETAIL

SHEET NO.

8

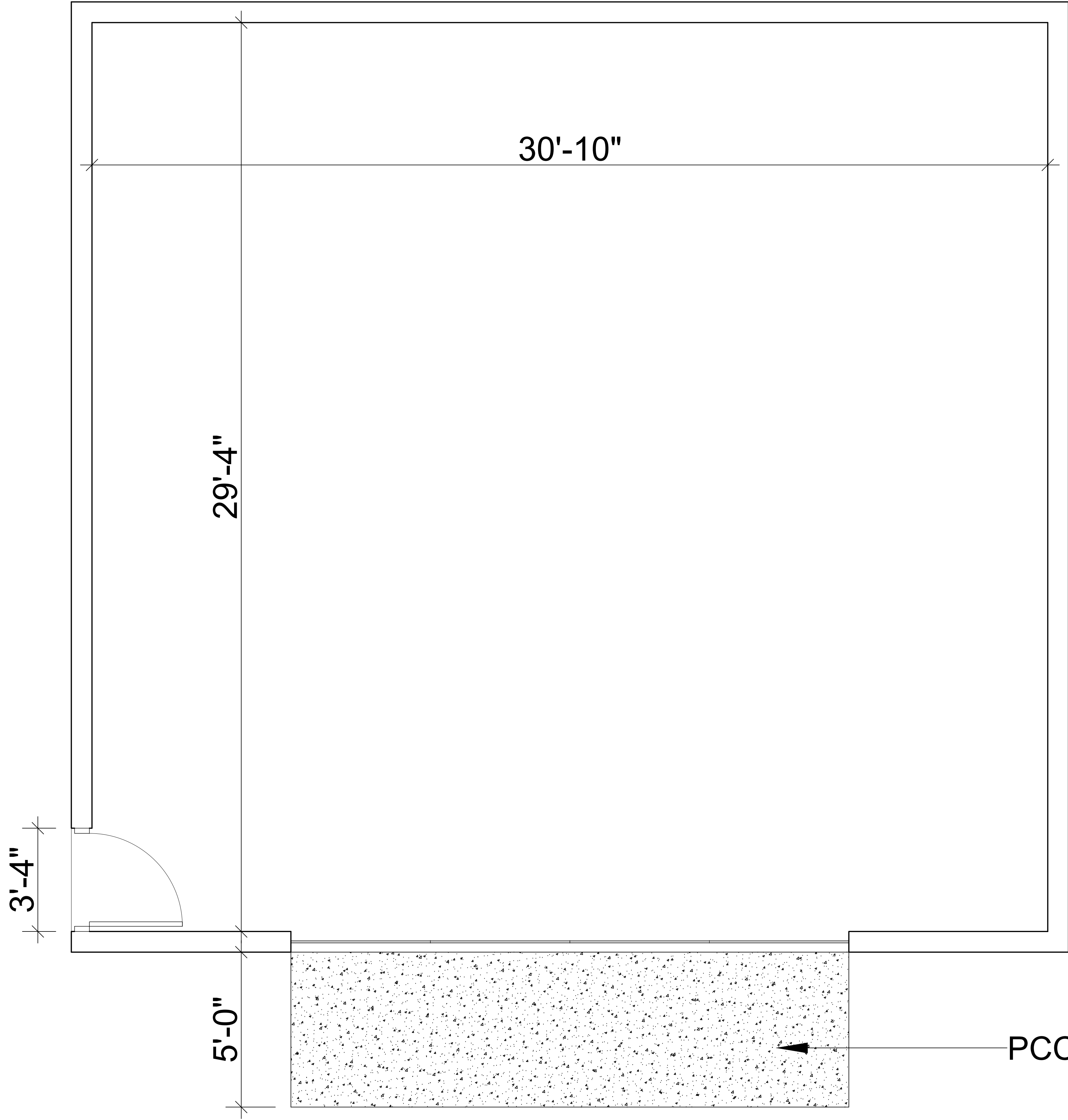
Construction Notes:

- ① This floor has a new load-bearing wall. Structural headers will be required above all doors and hallways, along with installation of a spread footing under the basement floor.
- ② All single doors are 3' wide.
- ④ All interior walls are 5" thick.
- ⑤ Basement should be tested for radon before construction so that mitigation can be included if necessary.
- ⑥ Existing load-bearing wall to be removed and replaced. Provide temporary shoring prior to demolition.



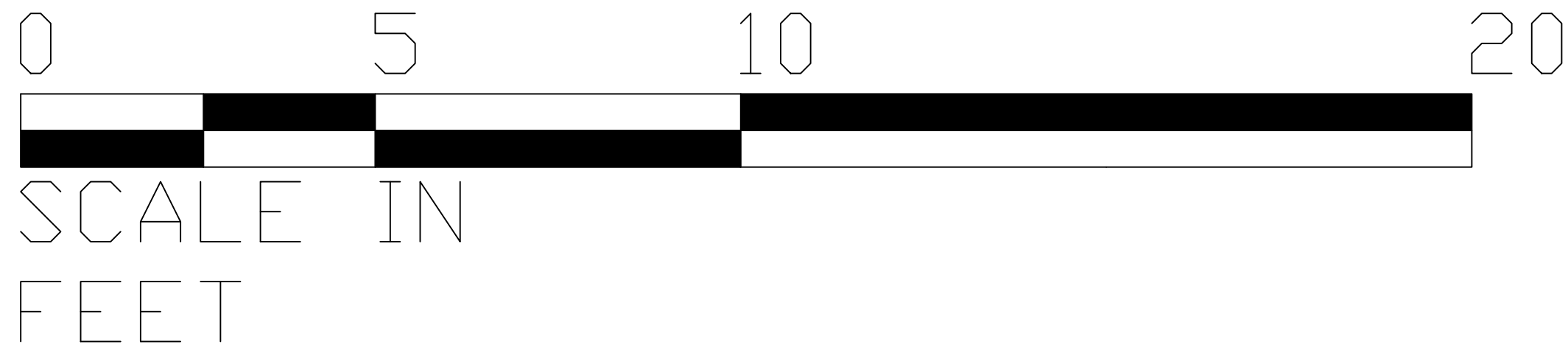
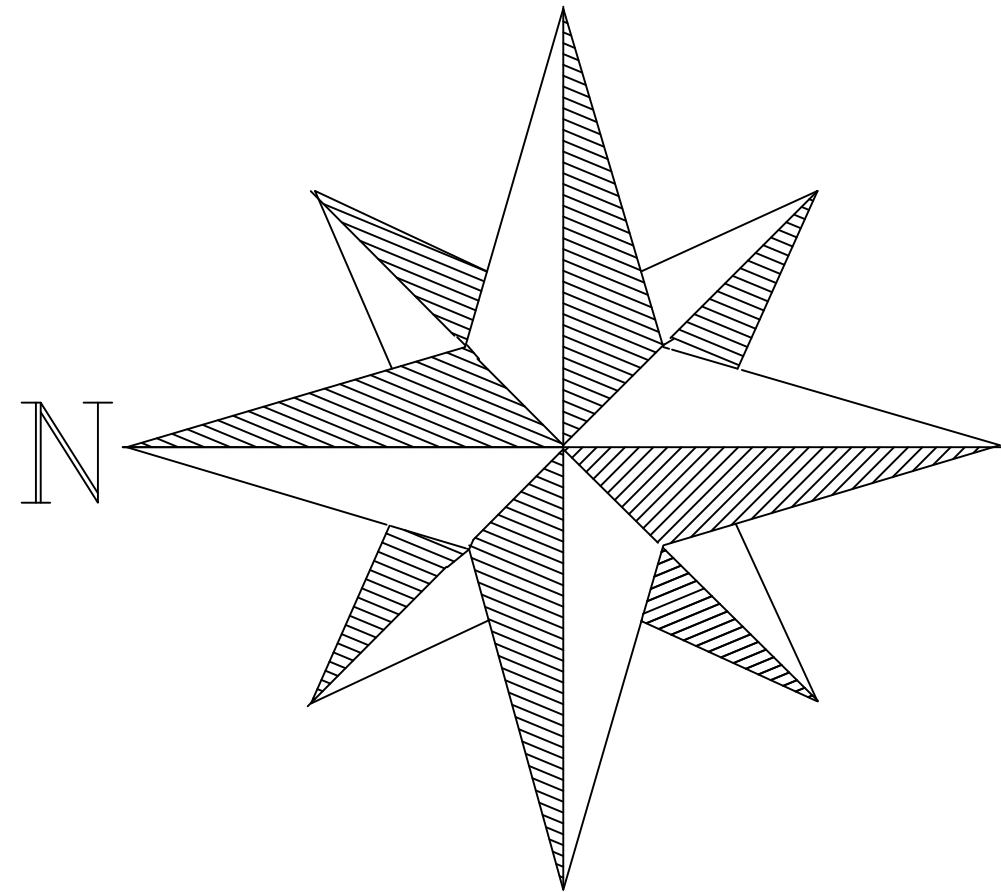
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NEW SHARON CITY HALL IMPROVEMENTS NEW SHARON CITY HALL 101 S MAIN ST, NEW SHARON, IOWA	
SHEET NAME BASEMENT DETAIL	
SHEET NO. 9	



Construction Notes:

1. The garage will require gas and electrical services.
2. The insulation R-value for the walls and ceiling shall be R10 at minimum.
3. Recommended roof system is a 5:12 gabled roof with asphalt shingles.
4. This is a heated building. Contractor shall be responsible for furnishing and installing a commercial grade electric or natural gas heater.



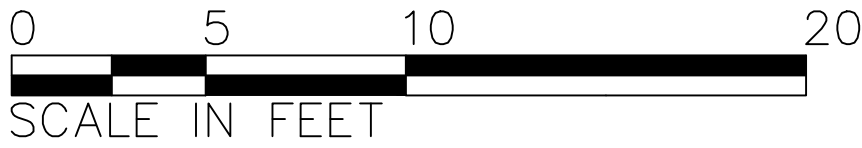
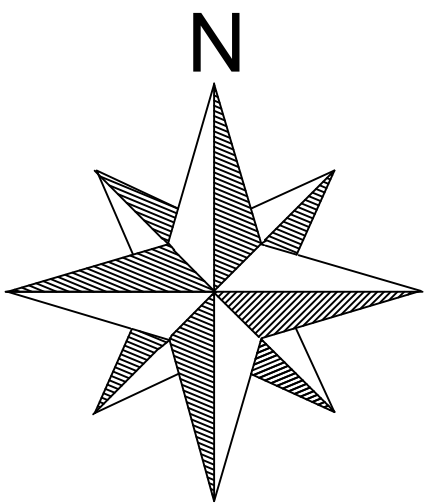
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PROJECT: CEE: 4850		THE UNIVERSITY OF IOWA		SHEET NAME	
DATE : 5/16/2025		CIVIL AND ENVIRONMENTAL ENGINEERING		POLICE GARAGE DETAIL	
DRAWN BY: TPD		4105 SEAMANS CENTER FOR THE ENGINEERING ARTS AND SCIENCES 103 S CAPITOL ST IOWA CITY, IOWA 52242		SHEET NO.	
REVISION:		PHONE: 319.335.5647		10	
		FAX: 319.335.5660			
		EMAIL: civil-hawks@iowa.edu			
		NEW SHARON CITY HALL IMPROVEMENTS			
		NEW SHARON CITY HALL 101 S MAIN ST, NEW SHARON, IOWA			

① Sidewalk reconstruction at the building side entrance shall be adjusted to eliminate the existing 6-inch step and provide a flush, accessible transition in compliance with ADA requirements. Sidewalk shall be regraded to match the door threshold with a maximum longitudinal slope of 5% (1:20) and a maximum cross slope of 2% (1:50). Where required slopes cannot be achieved within available space, an ADA-compliant ramp and landing shall be provided per ICC A117.1 and PROWAG guidelines. Contractor shall verify door threshold elevations in the field and coordinate final grades to ensure continuous, barrier-free access.

② See page 13 for ADA ramp detail.

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W MARKET ST

Match Edge With Existing Driveway

6" Curb

①

②

8"

$\frac{3}{4}$ " Expansion Joint

S MAIN ST/US 63

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NEW SHARON CITY HALL IMPROVEMENTS

NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

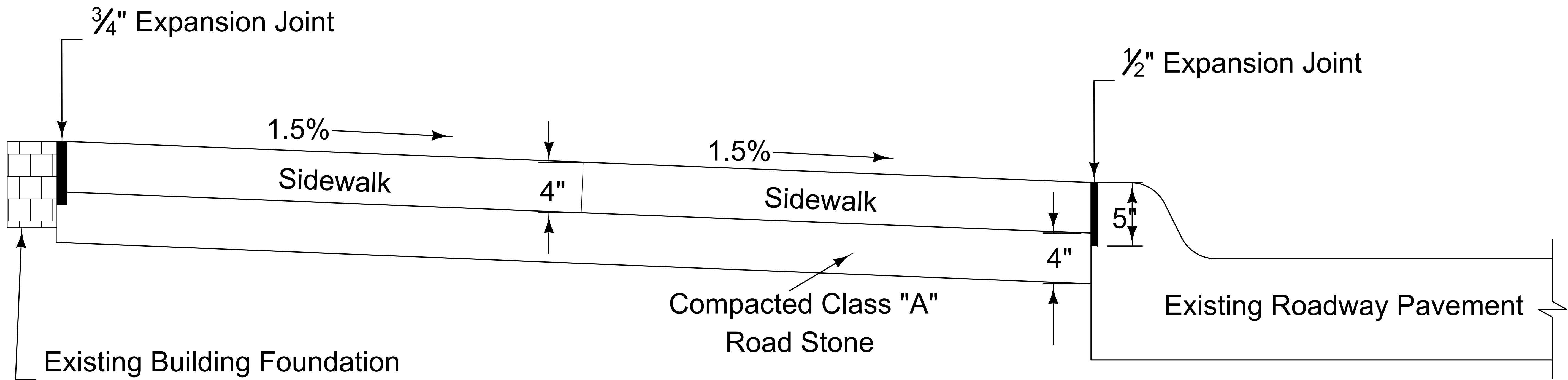
SHEET NAME

SIDEWALK PLAN

SHEET NO.

11

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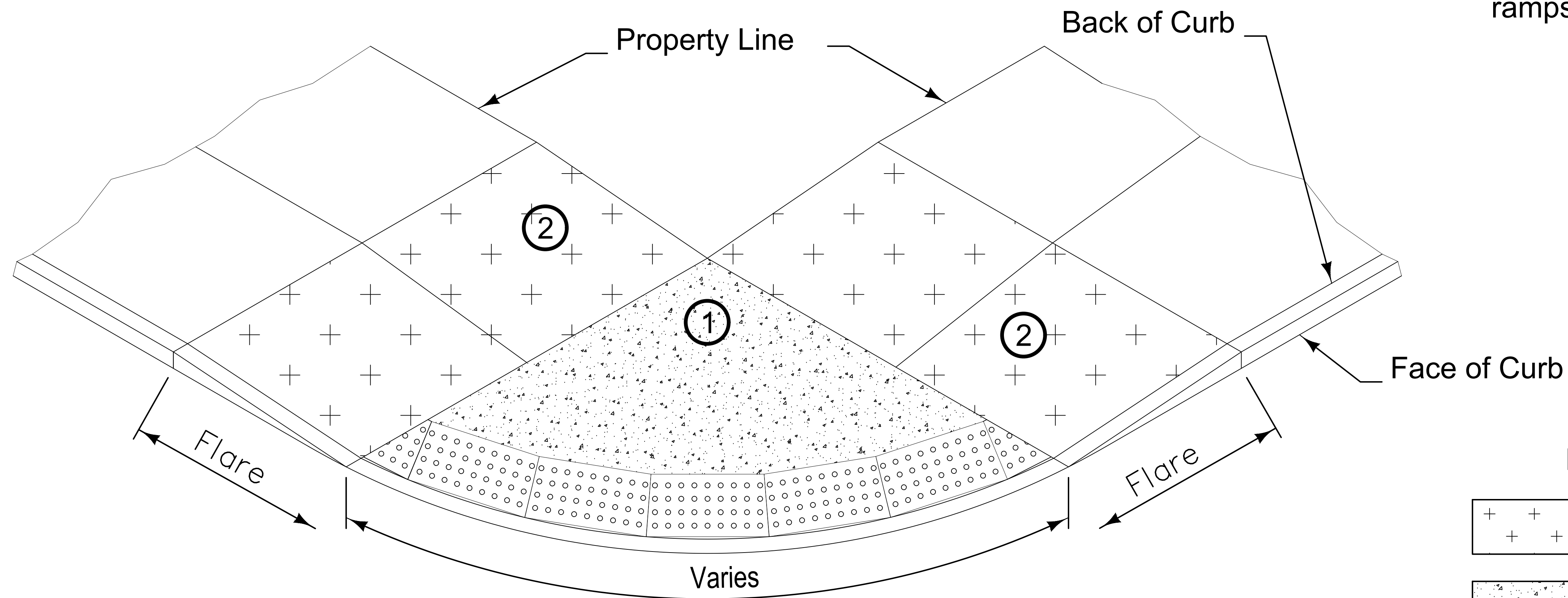
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NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

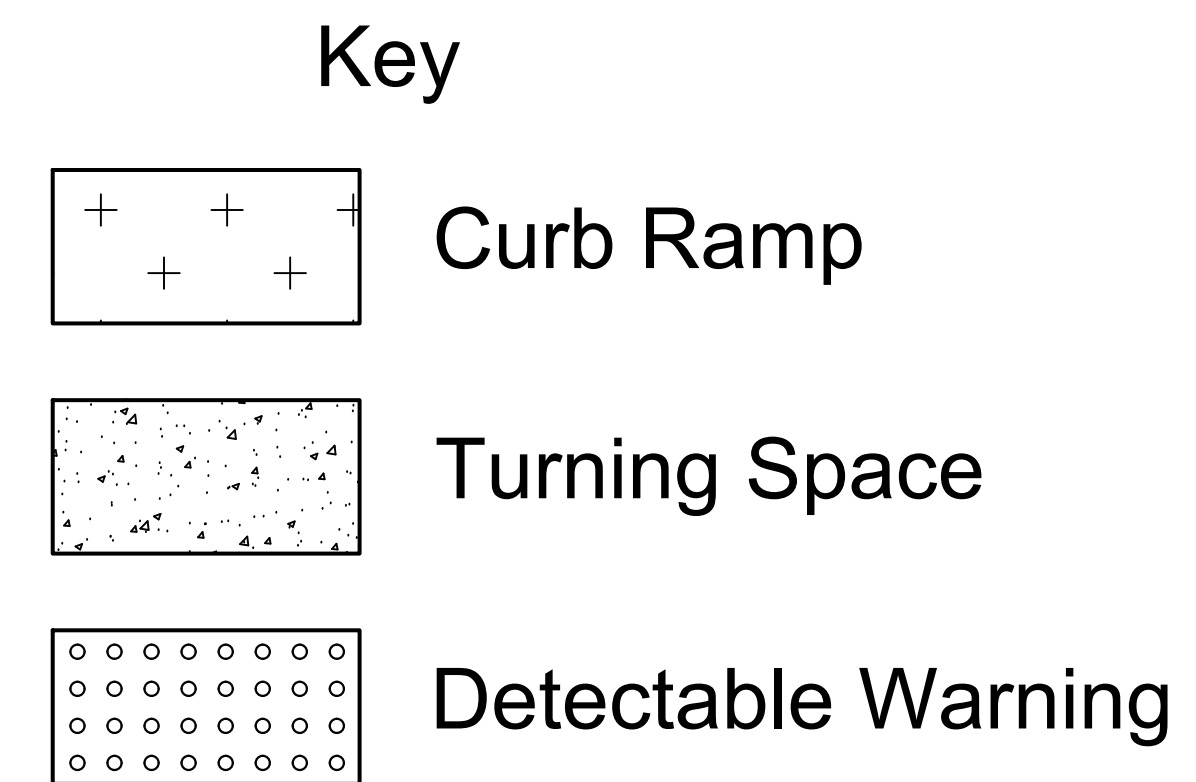
SHEET NAME
SIDEWALK
CROSS SECTION

SHEET NO.
12

- ① Turning Space: Target slope of 1.5% with maximum slope perpendicular to the travel direction of 2.0%. Minimum 4 feet by 4 feet (turning spaces may overlap).
- ② Parallel Curb Ramp: Target running slope of 6.25% with maximum running slope of 8.3%. The length of the parallel ramp is not required to exceed 15 feet, regardless of the resulting slope. Do not exceed 8.3% for parallel ramps shorter than 15 feet.



CLASS A SIDEWALK CURB RAMP ALTERNATIVE



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NEW SHARON CITY HALL IMPROVEMENTS

NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME

CORNER RAMP
DETAIL

SHEET NO.

13

PROJECT:	CEE: 4850
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NEW SHARON CITY HALL IMPROVEMENTS

NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME

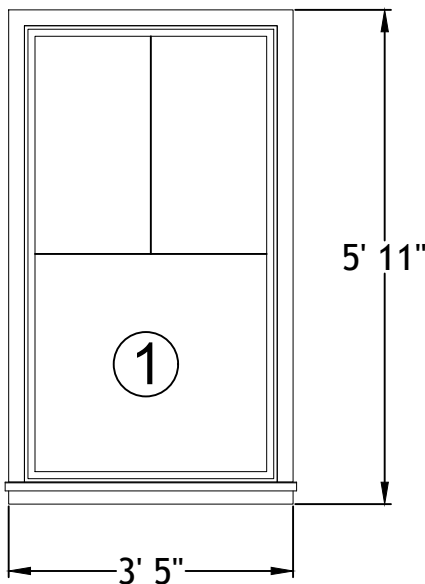
ELEVATION
NORTH

Notes:

- ① Field verify size of windows before ordering. New windows are to fit the full original openings.
- ② Roof not shown.
- ③ Use flowable mortar to fill voids in limestone foundation. Mortar must be compatible with historic masonry and applied to ensure full coverage without damaging existing stone.
- ④ Tuck point all joints on the building as needed to maintain structural integrity and appearance.

- Glass Wall Around Entrance
- Limestone
- Brick

Window Detail:



②

Roof
30' - 0"

Second Floor
15' - 0"

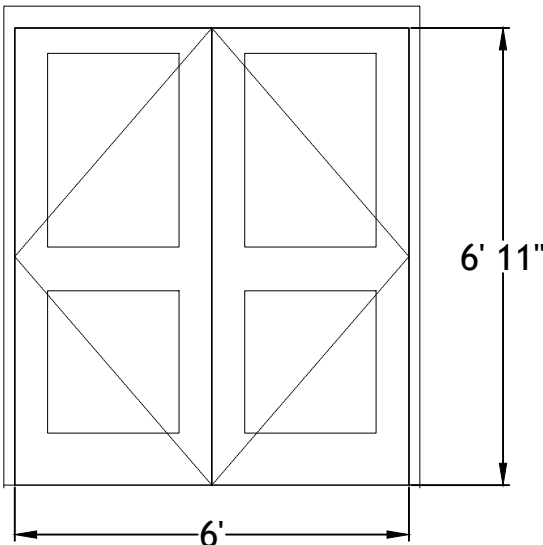
First Floor
0' - 0"

24" x 24" Brick
Column

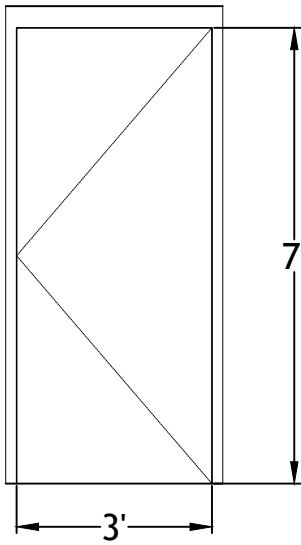
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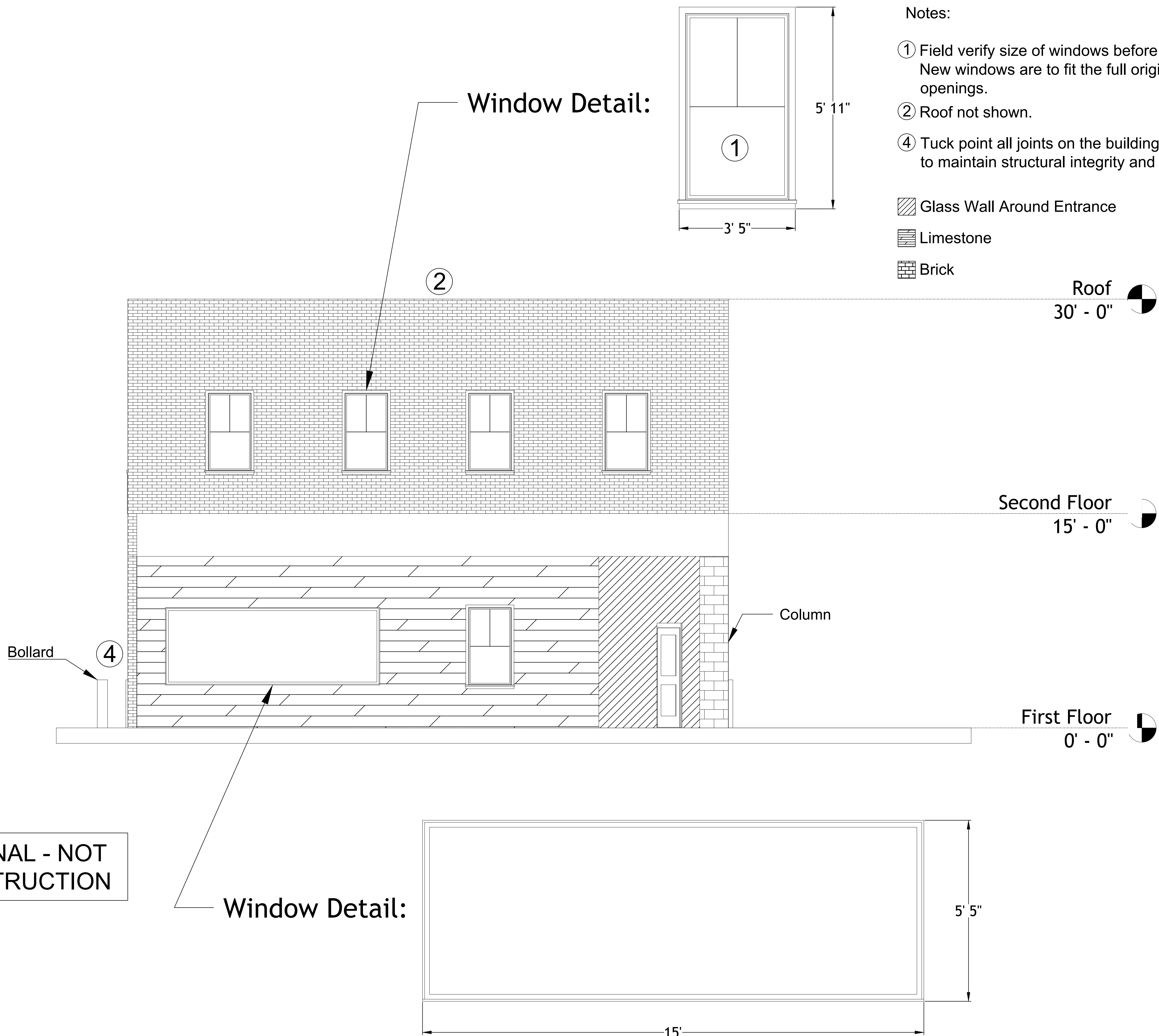
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Door Detail:

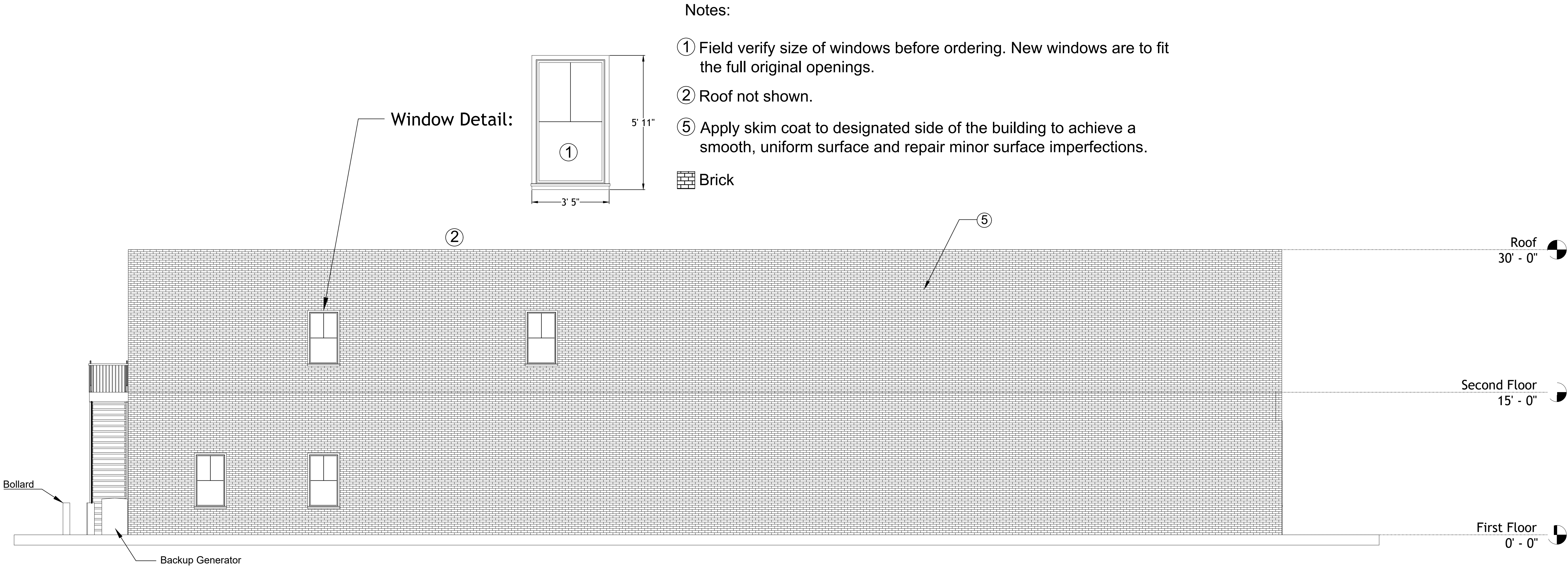


Door Detail:





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NEW SHARON CITY HALL IMPROVEMENTS	
NEW SHARON CITY HALL 101 S MAIN ST, NEW SHARON, IOWA	
SHEET NAME ELEVATION EAST	
SHEET NO. 15	



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Notes:

- ① Field verify size of windows before ordering. New windows are to fit the full original openings.
- ② Roof not shown.
- ⑤ Apply skim coat to designated side of the building to achieve a smooth, uniform surface and repair minor surface imperfections.

Brick

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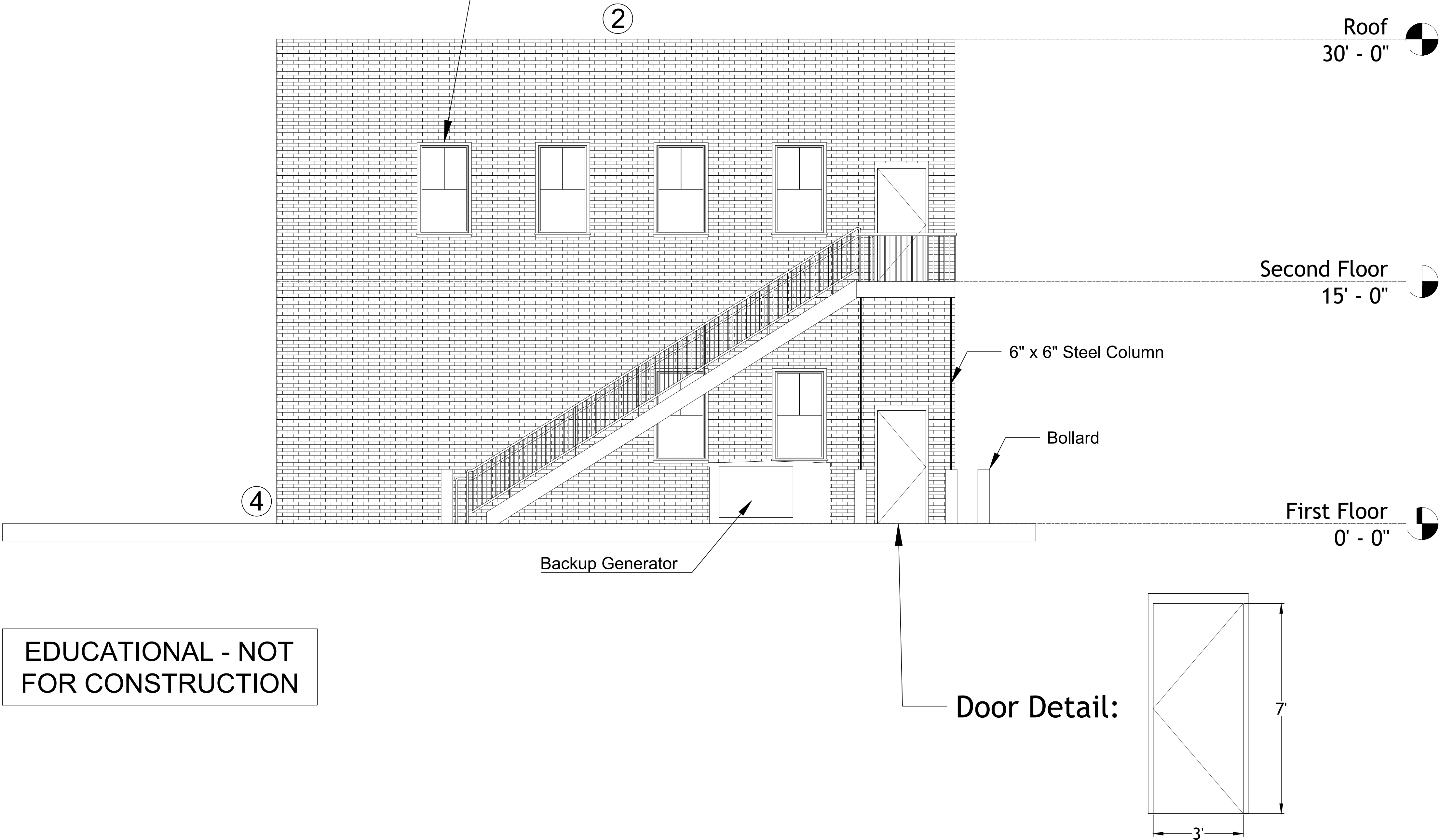
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NEW SHARON CITY HALL IMPROVEMENTS

NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME
ELEVATION
SOUTH

SHEET NO.
16



Notes:

- ① Field verify size of windows before ordering. New windows are to fit the full original openings.
- ② Roof not shown.
- ④ Tuck point all joints on the building as needed to maintain structural integrity and appearance.

Brick

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NEW SHARON CITY HALL
101 S MAIN ST, NEW SHARON, IOWA

SHEET NAME
ELEVATION WEST
SHEET NO.

17