

New House

Residential Building Permit Application

BUILDING INSPECTIONS
Midwest Inspection Services
310 1st Avenue SE
Mapleton, ND 58059
Phone: 701-532-1078
Fax: 701-532-1608

Please email completed applications to: midwestinspectionsservicesnd@gmail.com
Incomplete applications will cause delays in the routing/review and permitting process.

Project Title*:		Office use only:	
Address:			
Project Value:			
Project Description:			
Owner:		Contact Person:	
Address:		Phone:	Fax:
		E-mail:	
Designer:		Contact Person:	
Address:		Phone:	Fax:
		E-mail:	
General Contractor:		Contact Person:	
Address:		Phone:	Fax:
		E-mail:	
ND Contractor License No.			
Foundation Contractor:		Mechanical Contractor:	
Phone:		Phone:	
E-Mail:		E-Mail:	
ND Contractor License No.		ND Contractor License No.	
Excavator:		Yard Grading Contractor:	
Phone:		Phone:	
Plumbing Contractor:		Electrical Contractor:	
Phone:		Phone:	

Complete back side.

TYPE OF IMPROVEMENT:

New Construction Addition Remodel Demolition Move Repair Miscellaneous Temporary

PERMIT FOR:

Single Family Dwelling Two Family Dwelling (Separate Permit for each Unit) Townhouse (Units)
 Accessory Building Deck Residing Lower Level Finish
 Other (Please Explain:)

BUILDING/STRUCTURE SIZE:

Width Ft. Depth Ft. Height Ft. No. of Stories Basement Finished Yes No
Basement Floor Area SF Number of Bedrooms
Main Floor Area SF Number of Bedrooms
Second Floor Area SF Number of Bedrooms
Third Floor Area SF Number of Bedrooms
Garage Floor Area SF

# of Units	HVAC EQUIPMENT	TON'S/BTU's

BUILDING LOCATION ON SITE:

Property Zoning Designation Property Area SF
North Property Setback Distance Ft. Front Side Rear Adjacent to Public Way
East Property Setback Distance Ft. Front Side Rear Adjacent to Public Way
South Property Setback Distance Ft. Front Side Rear Adjacent to Public Way
West Property Setback Distance Ft. Front Side Rear Adjacent to Public Way

REQUIREMENTS FOR CONSTRUCTION IN FLOODPLAIN:

Is the Building Located in the Special Floodplain Hazard area? Yes No (If yes complete the following)
Base Flood Elevation Ft. Flood Protection Elevation Ft. Letter of Map Revision Issued Yes No
Acknowledgement Form Submitted Yes No

For Office Use Only

Septic Permit Required:

Yes No

Planning and Zoning Approval:

P.U.D. Yes No Conditional Use Yes No Overlay District Yes No
Date Approved

I hereby acknowledge that this application is not a Building Permit, nor does it authorize the start of construction. If you do not wish to electronically sign please print and sign application before submittal

Signature of Applicant

Date

AFFIDAVIT

All Applicants shall complete and have notarized.

STATE OF MINNESOTA)
) SS
COUNTY OF NORMAN)

ADDRESS OF SITE _____

Date _____

We, the undersigned, being first duly sworn, on oath depose and state based on personal knowledge as follows, to-wit:

1. That we are all the fee owners of the said real estate, or if all of the owners have not personally signed this affidavit below, then a valid power of attorney, conservator or person acting with proper authority as demonstrated by an attached court order for each said person has signed below on their behalf.
2. That we are in approval of the permit application submitted on (date) _____ to the City of Ada for changes, alterations, new building and/or additions to the buildings/land at:
Address: _____ City,
State, Zip _____
3. That we are knowledgeable of the permit application design and /or changes to the said property and approve of such work being done on/to the property.
4. That all information contained in the attached permit application submitted herewith is true and correct.

OWNERS

(All owners or those with proper authority as described above)



PRINTED NAME _____

SIGNATURE _____

PRINTED NAME _____

SIGNATURE _____



Subscribed and sworn before me this _____ day of _____, 20 ____.

NOTARY PUBLIC SIGNATURE _____

NOTARY PUBLIC PRINTED NAME _____

Owner to complete and return to:
City of Ada
404 West Main Street
P.O. Box 32
Ada, MN 56510-2711

Permit Number: _____

Parcel Number: _____

Building Permit Applicant: PROPERTY OWNER

Complete only if you, as homeowner, are doing the work yourself.

The purpose of this form is to have property owners acknowledge their responsibilities to the Minnesota State Building Code, to Zoning Ordinances, and to other applicable rules and regulations when they are acting as general contractor in building projects.

I, _____ understand that the State of Minnesota requires that all Residential Building Contractors, Remodelers, and Roofers, obtain a State License unless they qualify for a specific exemption from the licensing requirements. This license requirement applies to owners of residential real estate who build or improve such property for purposes of speculation or resale.

By signing this document, I attest to the fact that I am improving this house for my own use and am not building or improving this house for the purpose of reselling it. I hereby claim to be exempt from the state licensing requirements because I am not in the business of building or remodeling on speculation or for resale and that the house for which I am applying for this permit, located at _____ in Ada, MN, is the first residential structure I have built or improved in the past 24 months. I also acknowledge that because I do not have a state license, I forfeit any mechanic's lien rights to which I may otherwise have been entitled under Minn. Stat. 514.01.

Furthermore, I acknowledge that I may be hiring independent contractors to perform certain aspects of the construction or improvement of this house and I understand that some of these contractors may be required to be licensed by the State of Minnesota. I understand that unlicensed residential contracting, remodeling, and/or roofing activity is a misdemeanor under Minnesota State Statute 326B.082, subdivision 16, and can also result in a fine of up to \$10,000. I further state that I understand that the filing of false statement with the City of Ada may also result in criminal prosecution and/or civil penalties pursuant to applicable city ordinances and/or state statutes.

I have also been informed and acknowledge that by listing myself as the contractor for this project, I am solely and personally responsible to the City of Ada for compliance with all applicable State Building Codes and City Ordinances in connection with the work performed on this property.

Signature of Property Owner

Printed Name of Property Owner

Project Address

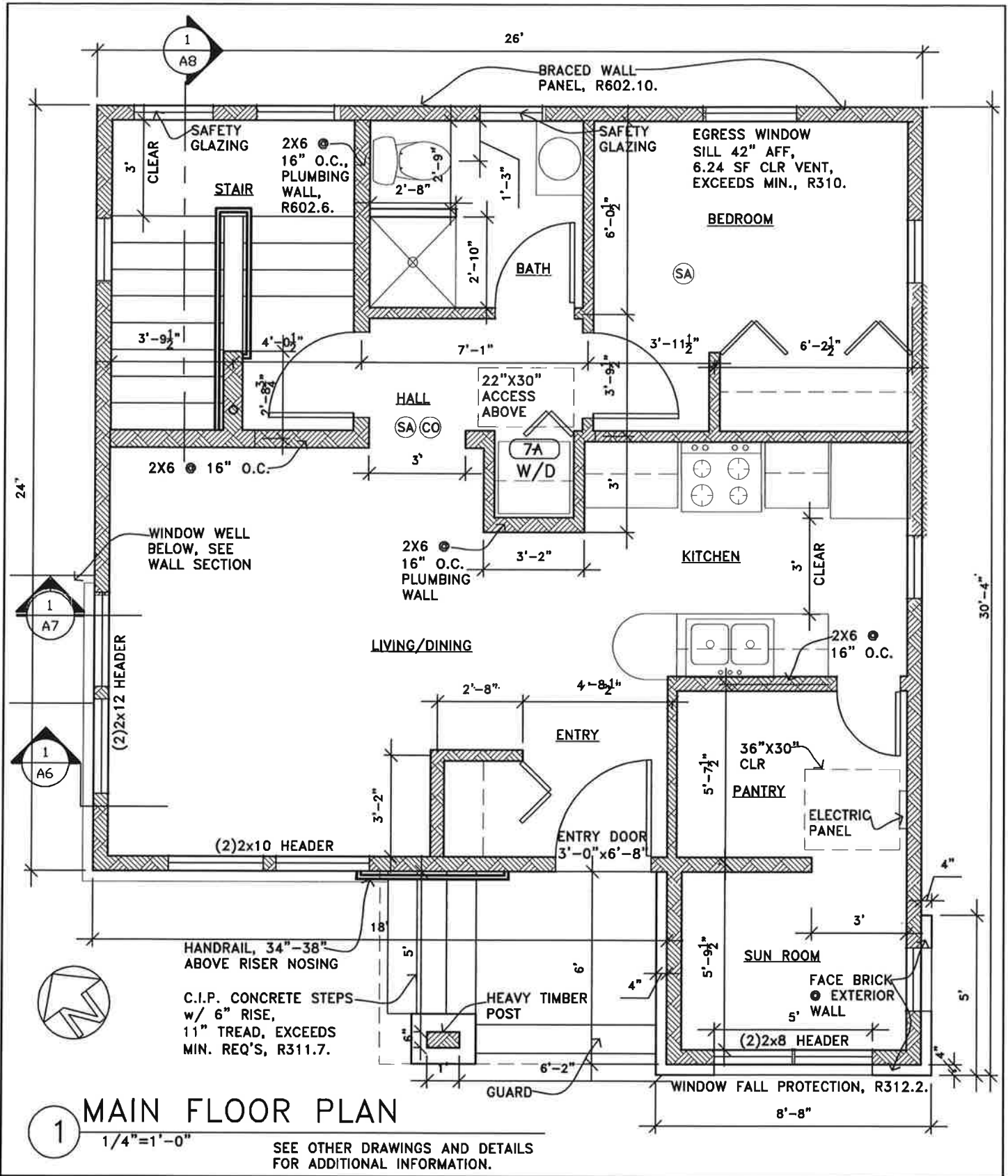
Date

PLEASE RETURN THIS SIGNED WAIVER WITH THE BUILDING PERMIT APPLICATION.

To determine whether a particular contractor is required to be licensed, or to check on the licensing status of an individual contractor, call the Minnesota Department of Labor and Industry, Codes and Licensing Division, at 1-651-284-5069.

Residential Plans Handout

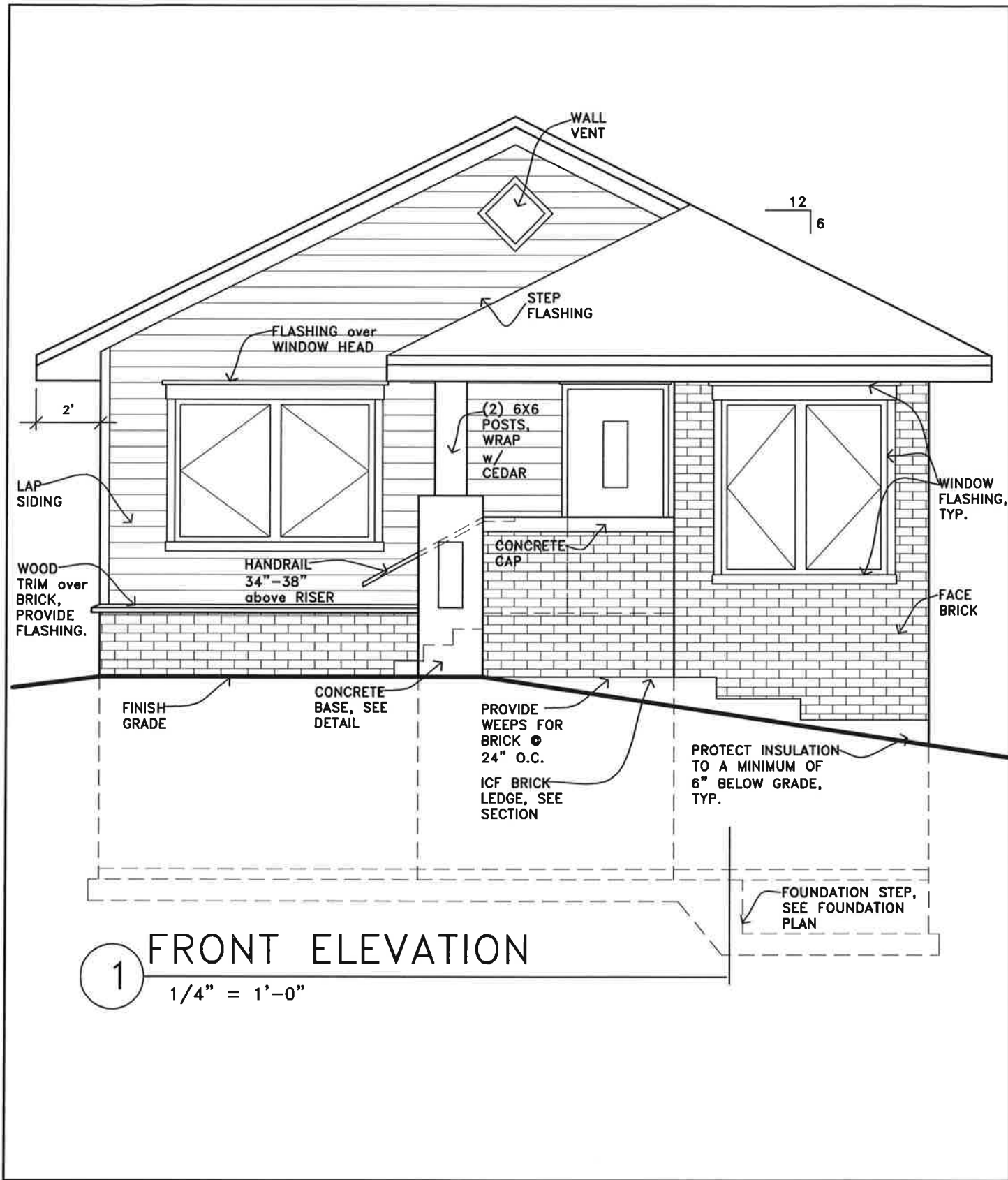
Residential house plan - Example



EXAMPLE RESIDENCE FLOOR PLAN

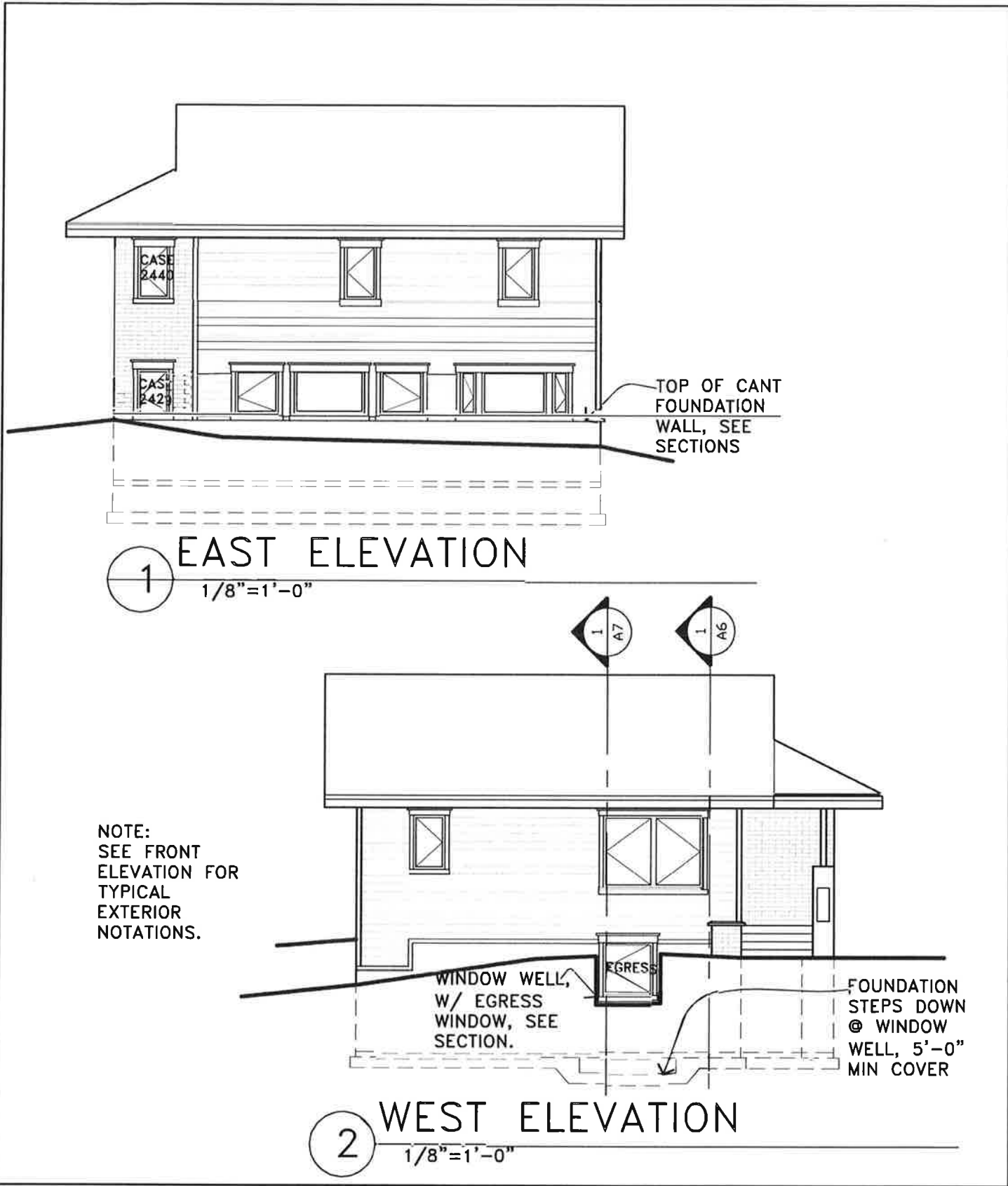
EXAMPLE NOT FOR CONSTRUCTION

Date: 01/01/2022
 Job No.: SAMPLE FLOOR PLAN
 Drawn By: MWIS
 Revised: 01/10/2022
 Approved By: MWIS
 Sheet:



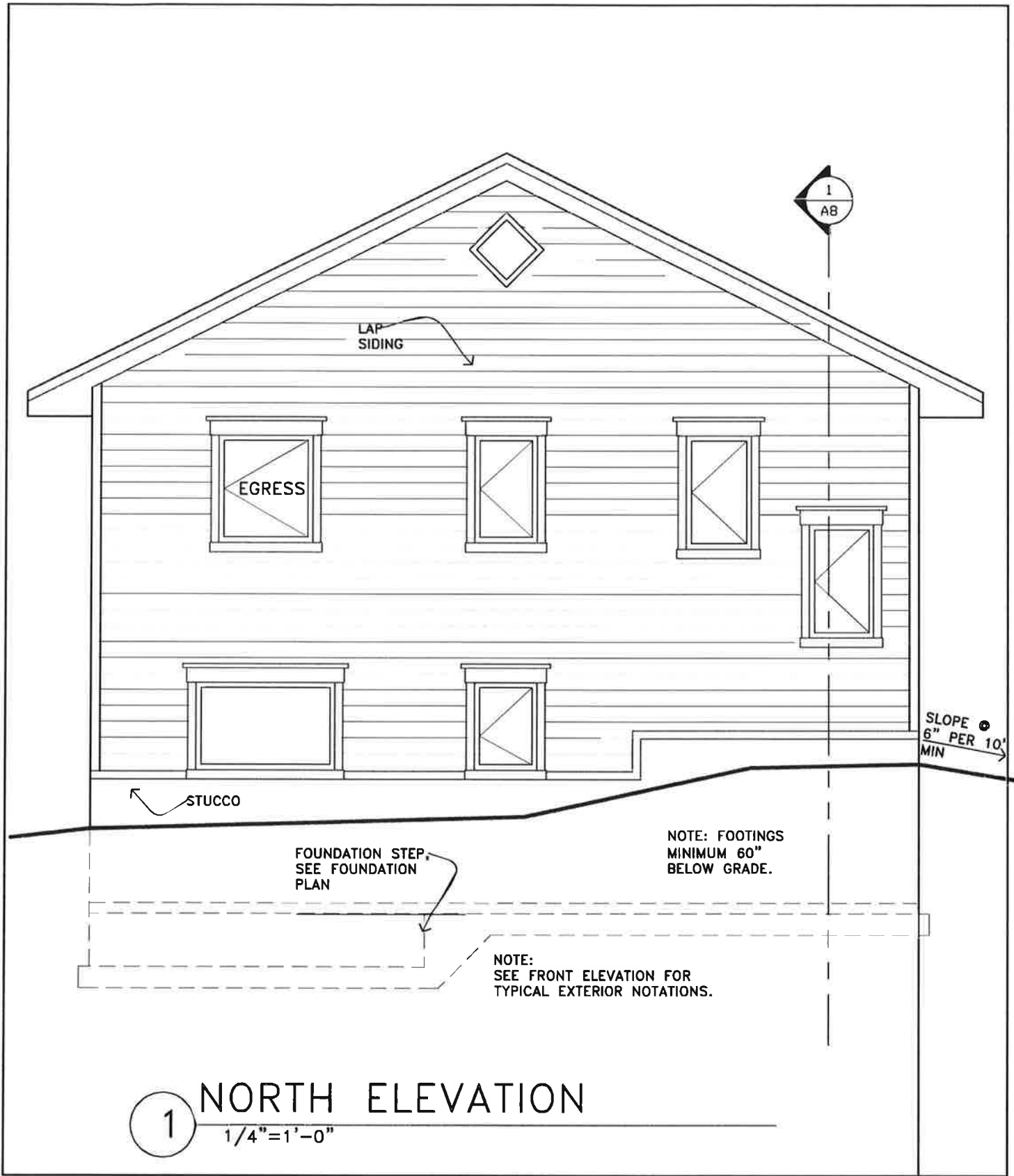
SAMPLE
RESIDENTIAL ELEVATION
 EXAMPLE NOT FOR CONSTRUCTION

Date:	01/01/2022
Job No.:	BUILDING ELEVATION
Drawn By:	MWIS
Revised:	01/10/2022
Approved By:	MWIS
Sheet:	



SAMPLE
EXAMPLE NOT FOR CONSTRUCTION

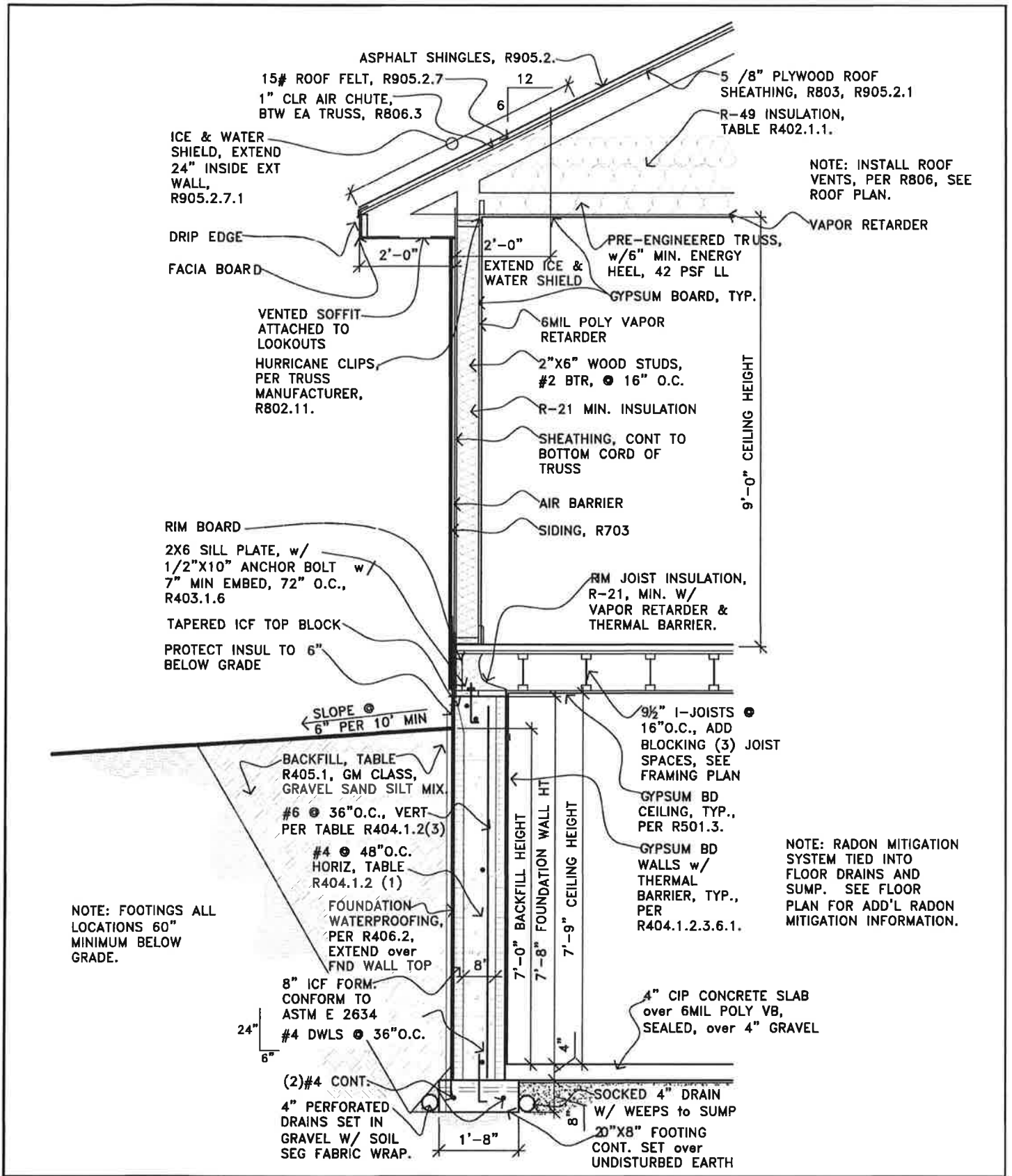
Date:	01/01/2022
Job No.:	SAMPLE ELEVATIONS
Drawn By:	MWIS
Revised:	01/10/2022
Approved By:	MWIS
Sheet:	



1 NORTH ELEVATION
 1/4" = 1'-0"

SAMPLE
 RESIDENTIAL ELEVATION
 EXAMPLE NOT FOR CONSTRUCTION

Date:	01/01/2022
Job No.:	SAMPLE ELEVATION
Drawn By:	MWIS
Revised:	01/10/2022
Approved By:	MWIS
Sheet:	

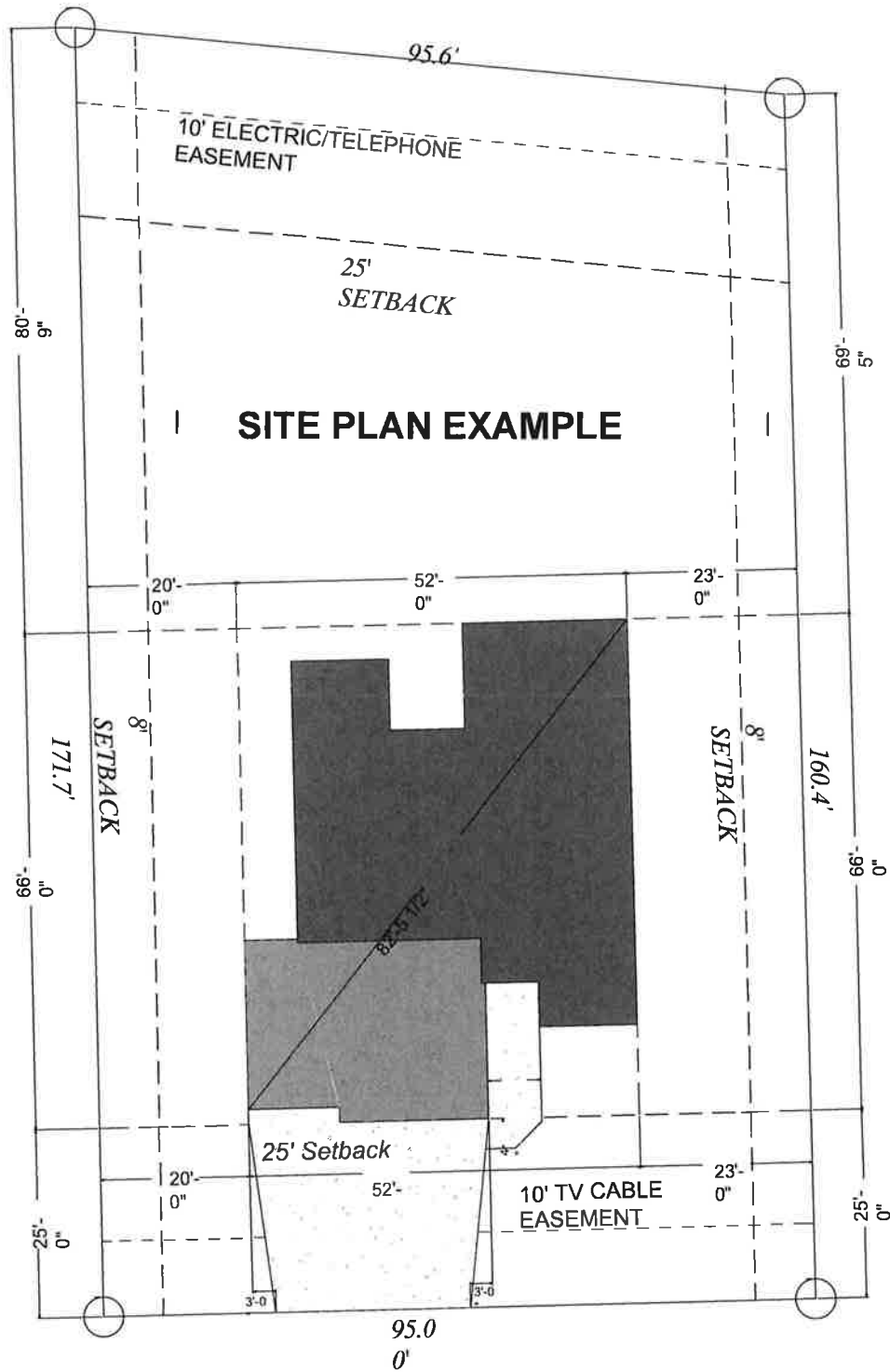


EXAMPLE WALL SECTION

RESIDENTIAL BUILDING CODE

SCALE: 3/8"=1'-0"

Date:	01/01/2022
Job No.:	HANDOUTS
Drawn By:	MWIS
Revised:	01/10/2022
Approved By:	MWIS
Sheet:	



Smith Residence

1234 Example St,
Example, ND

**Example 1st Addition
To the City of Example
Lot 1, Block 1
15,788 SF.**

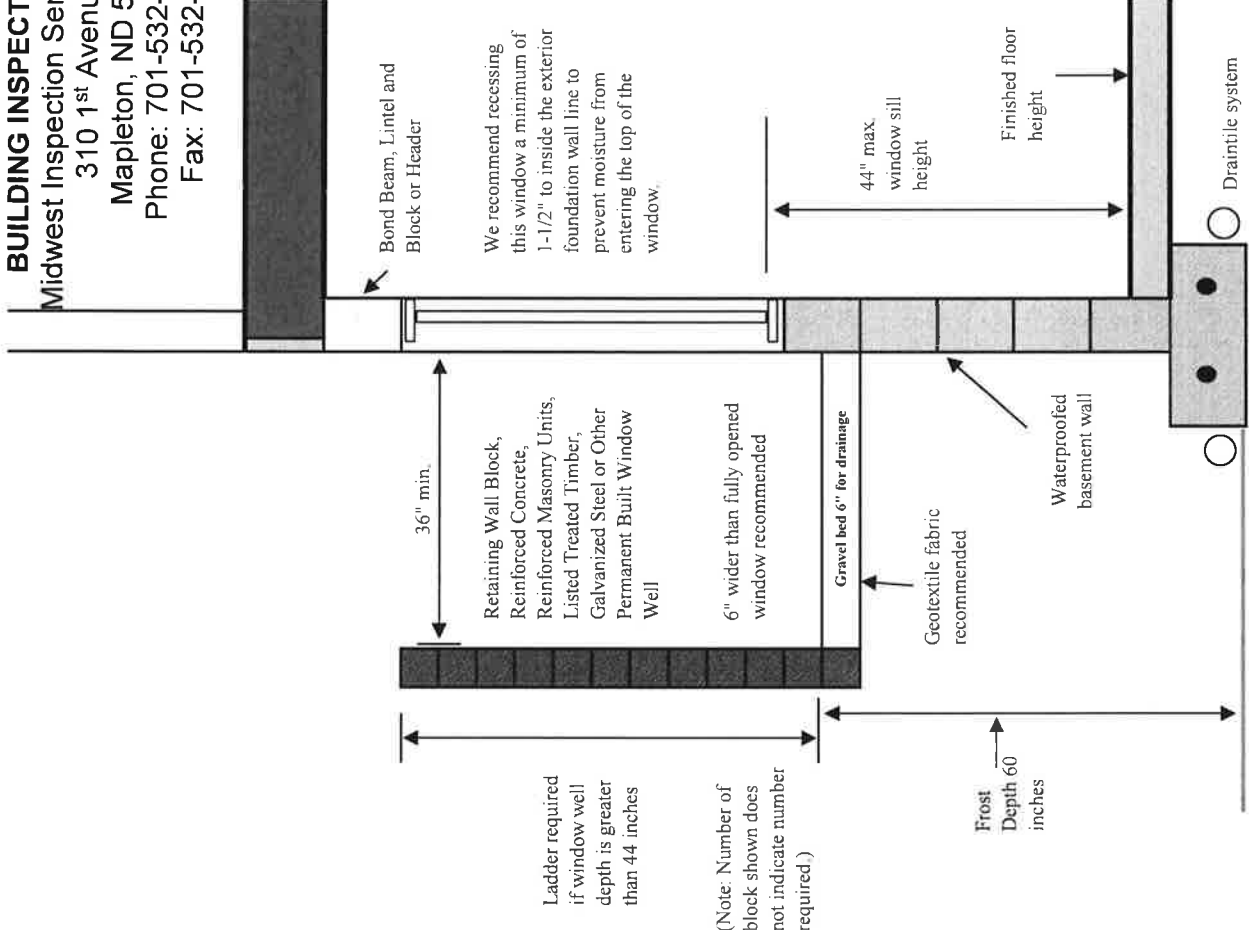


PILOT PLAN
1" = 20'

BUILDING INSPECTIONS
 Midwest Inspection Services
 310 1st Avenue SE
 Mapleton, ND 58059
 Phone: 701-532-1078
 Fax: 701-532-1608

Typical Basement Egress Window Well Layout

- Emergency Escape and Rescue Openings**
 (Section R310)
- 1) Opening/Fenestration Requirements
 - a) Minimum of one emergency escape and rescue opening required in:
 - Basements containing habitable space
 - Every sleeping room
 - 2) Egress Window Requirements
 - a) Opening sill height to be a maximum of 44 inches above the floor
 - b) Net clear opening size to be a minimum of 5.7 square feet
 - c) Minimum net clear opening height of 24 inches; minimum net clear opening width of 20 inches (see chart on reverse side for window sizes).
 - 3) Where window opening sill height located below adjacent ground elevation, window well is required.
 - a) Allow for door or window to be fully opened.
 - b) Minimum of 9 square feet in horizontal dimension, minimum width of 36 inches.
 - c) Permanent complying ladder or steps where vertical depth exceeds 44 inches.
 - d) Bars, grilles, covers and screens on window or well cover prohibited unless devices releasable or removable from inside without use of key, tool or excessive force. If cover is implemented, make sure the window will fully open without cover interference.
 - 4) Bulkhead enclosures with direct exterior access permitted if in compliance with minimum net clear opening requirements.



(See chart on reverse side for Code compliant egress window sizes.)

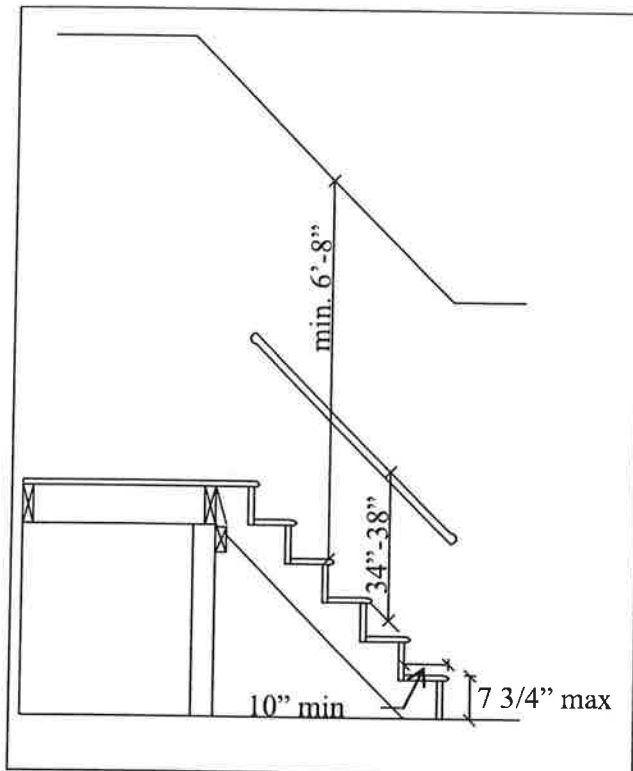
WINDOW AREA (in square feet)

Height of Opening	Width of Opening																
	20"	21"	22"	23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	33"	34"	35"	36"
24"	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.7	5.8	6.0
26"	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.1	6.3	6.5
28"	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
30"	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5
32"	4.4	4.7	4.9	5.1	5.3	5.6	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0
34"	4.7	5.0	5.2	5.4	5.7	5.9	6.1	6.4	6.6	6.8	7.1	7.3	7.6	7.8	8.0	8.3	8.5
36"	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.8	9.0
38"	5.3	5.5	5.8	6.1	6.3	6.6	6.9	7.1	7.4	7.7	7.9	8.2	8.4	8.7	9.0	9.2	9.5
40"	5.6	5.8	6.1	6.4	6.7	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.2	9.4	9.7	10.0
42"	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.0	9.3	9.6	9.9	10.2	10.5
44"	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.0
46"	6.4	6.7	7.0	7.3	7.7	8.0	8.3	8.6	8.9	9.3	9.6	10.0	10.2	10.5	10.9	11.2	11.5
48"	6.7	7.0	7.3	7.7	8.0	8.3	8.7	9.0	9.3	9.7	10.0	10.3	10.7	11.0	11.3	11.7	12.0
50"	6.9	7.3	7.6	8.0	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	11.1	11.5	11.8	12.2	12.5
52"	7.2	7.6	7.9	8.3	8.7	9.0	9.4	9.8	10.1	10.5	10.8	11.2	11.6	11.9	12.3	12.6	13.0
54"	7.5	7.9	8.3	8.6	9.0	9.4	9.8	10.1	10.5	10.9	11.3	11.6	12.0	12.4	12.8	13.1	13.5
56"	7.8	8.2	8.6	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.4	12.8	13.2	13.6	14.0
58"	8.0	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7	14.1	14.5
60"	8.3	8.8	9.2	9.6	10.0	10.4	10.8	11.3	11.7	12.1	12.5	12.9	13.3	13.8	14.2	14.6	15.0

**Window sizes in the highlighted areas make up the 5.7 square feet of net openable space as required in the 2015 International Residential Code.*

Stairways and Handrails for Residential Structures

R311.7 Stairways



Width: Stairways shall not be less than 36" in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 4-1/2" on either side of the stairway and the minimum clear width of the stairway at and below the handrail height, including treads and landings, shall not be less than 31-1/2" where a handrail is installed on one side and 27" where handrails are provided on both sides.

Treads and Risers: The maximum riser height is 7 3/4" and the minimum tread depth shall be 10". The riser height shall be measured vertically between leading edges of the adjacent treads. The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The walking surface of treads and landings of a stairway shall be sloped no steeper than 1:48(2%). The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8". The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8".

Wood/plastic composites (R317.4) Wood/composites used in exterior deck boards, stair treads, handrails and guardrail systems shall bear a label indicating the required performance levels and demonstrating compliance with the provisions of ASTM D 7032

Headroom: The min headroom in all parts of the stairway shall not be less than 6'-8" measured vertically from the sloped plane adjoining the tread nosing or from the floor surface of the landing of platform. **R 305.2 .2**
Exception: Alternations to existing basement stairways shall not have less than 6'-4" measured vertically from the sloped plane adjoining the tread nosing or from the floor surface of the landing of platform

Landings (R311.7.6): There shall be a floor or landing at the top and bottom of each stairway, except at the top of an interior flight of stairs provided a door does not swing over the stairs. The width of each landing shall not be less than the stairway served. Every landing shall have a minimum dimension of 36" measured in the direction of travel.

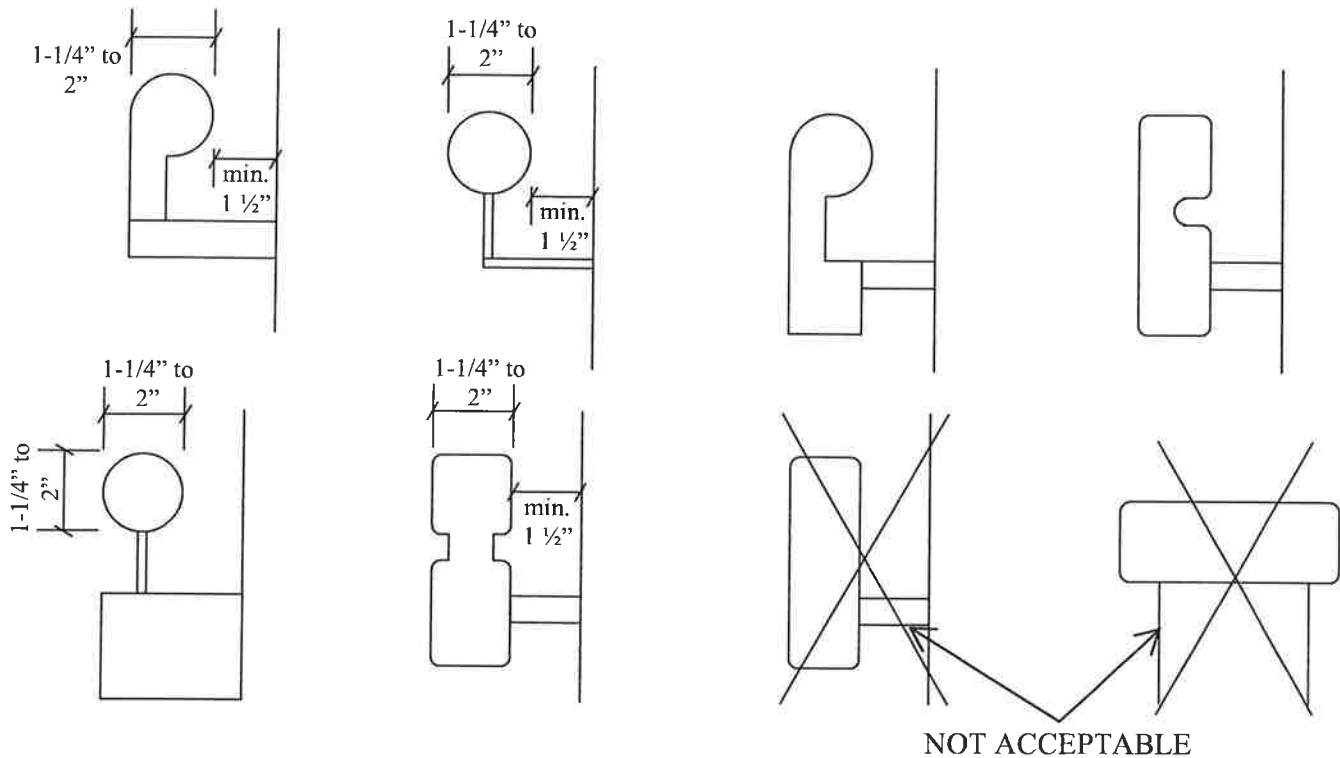
(See Reverse for Handrails and Guards)

Guards (R312): Porches, balconies or raised floor surfaces located more than 30" above the floor or grade below shall have guards not less than 36" in height. Open sides of stairs with a total rise of more than 30" above the floor or grade below shall have guards not less than 34" in height measured vertically from the nosing of the treads. Required guards on open sides of stairways, raised floor areas, balconies and porches shall have intermediate rails or ornamental closures that do not allow passage of a sphere 4" in diameter. Exception: The triangular openings formed by the riser, tread and bottom rail of a guard at the open side of a stairway are permitted to be of such a size that a sphere 6" cannot pass through.

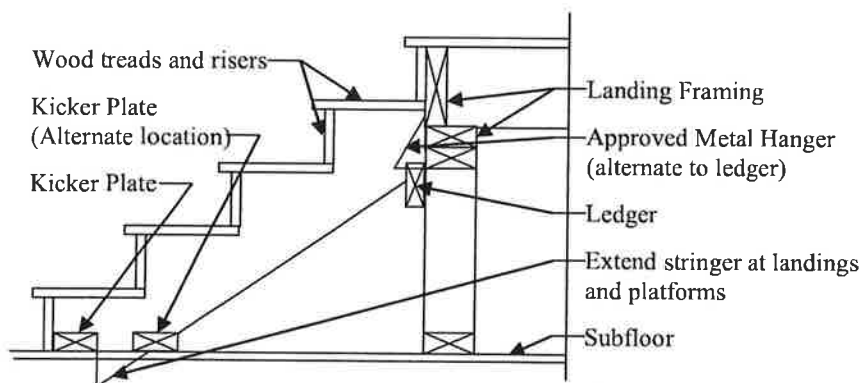
311.7.8 Handrails: Handrails having minimum and maximum heights of 34" and 38", respectively, measured vertically from the nosing of the treads, shall be provided on at least one side of stairways. All required handrails shall be continuous the full length of the stairs with 4 or more risers from a point directly above the top riser of a flight to a point directly above the lowest riser of the flight. Ends shall be returned or shall terminate in newel posts or safety terminals. Handrails adjacent to a wall shall have a space of not less than 1-1/2" between the wall and the handrail.

- Exceptions:
1. Handrails shall be permitted to be interrupted by a newel post at a turn.
 2. The use of a volute, turnout or starting easing shall be allowed over the lowest tread.

Handrail Grip Size: The handgrip portion of handrails shall have a circular cross section of 1-1/4" minimum to 2" maximum. Other handrail shapes that provide an equivalent grasping surface are permissible. Edges shall have a minimum radius of 1/8".



(Sample Handrails)



Stair Framing Detail

