



CITY OF ALEDO
GARAGE PERMIT APPLICATION
 120 N. College Avenue
 Aledo, Illinois 61231
 (309) 582-7241 Office
 (309) 582-7242 Fax

Office Use Only	
File Number:	_____
Date Application Received:	_____
JULIE No:	_____
Permit Fee:	_____
Dig Bond:	_____
Total Amount Due:	_____
Zoning Officer:	_____
Building Official:	_____
Project Valuation:	_____
Date Permit Issued:	_____

PROJECT LOCATION

Project Address: _____
 Parcel Identification Number (PIN): _____
 Legal Description: (Required for all new structures): _____

PROJECT TYPE & INFORMATION REQUIRED

A Plat of Survey may be required if determined necessary by field inspection.
 Type of Garage: () Attached () Detached
 End Walls: () Gable End Wall () Bearing End Wall
 Location of Garage: () Front of House () Side () Rear
 If rafters are used: Rafter size is 2 x _____. Rafters are spaced _____ inches on center
 Rafter span is a maximum of _____ feet _____ inches
 If trusses are used, please attach a copy of the stamped/sealed truss plan that is provided by the manufacturer.
 Roofing Deck Surface Material: () Plywood () OSB () Other _____
 Roofing Deck Size is () 1/2 inch () 3/4 inch () other _____
 Roofing Materials shall be : () Shingles () Metal () Roll Roofing () Other _____
 Garage Dimensions: _____ x _____ square feet Garage Height _____ feet
 Type of Footing/Foundation: () Concrete Footing/Foundation (minimum 42" depth)
 () floating slab () Other: _____
 Wall framing Studs are: 2 x _____ ; spaced _____ inches on center
 Garage door and window headers are: Span _____ Size: _____
 Height of Garage overhead door header is: Span _____ Size _____
 Will electrical service be provided to the garage? () Yes () No
 Plumbing () Yes () No HVAC () Yes () No
 Distance to Side Lot Lines: _____ and _____ Distance to Rear Lot Line: _____
 Distance from Front Lot Line: _____ Distance from House _____

PROPERTY OWNER INFORMATION

Name: _____ Email: _____
 Address: (if different from project location): _____
 Home Telephone: _____ Other Phone: _____ Fax: _____

Please complete the reverse side of this application.

Location: _____ File No: _____

CONTRACTOR INFORMATION

All contractors involved in this project shall be listed on the application. Contractors shall be licensed as required by state law and city ordinance prior to the issuance of a permit.

To Be Completed by Applicant				To Be Completed by City Staff	
Trade	Contractor Name	Address	Telephone	Local	
General Contractor					
Carpenter					
Electrical					
Other					

PROJECT DETAILS

Date of Estimated Completion: _____

Total Fair Market Value (use contract price if the work is contracted): _____

Labor _____ Materials: _____ Total Cost: _____

(Please note that owner labor has a market value)

If Homeowner is not contracting project out he/she shall call JULIE

PLEASE COMPLETE AND SUBMIT ATTACHED SPECIFICATION SHEET

APPLICANT INFORMATION IF NOT THE OWNER:

Name: _____ Email: _____

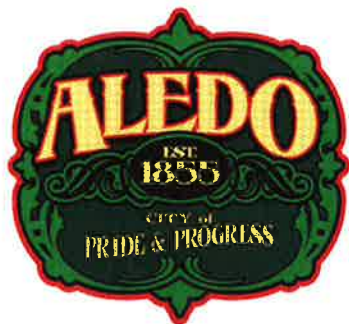
Address: (if different from project location): _____

Home Telephone: _____ Other Phone: _____ Fax: _____

The undersigned, by affixing his or her signature to this application, does hereby acknowledge and affirm the following: (1) That he or she is the project property owner or authorized agent; (2) that the issuance of the requested permit is conditioned upon the consent of the permit holder and his or her employees, contractors or other agents, to comply with the codes, rules, specifications and ordinances of the City of Aledo; (3) that the permit holder shall obtain all required inspections for the project; (5) that the permit does not grant any right or privilege to violate the codes and ordinances of the City of Aledo; (6) that a failure to commence work within 180 days of the issuance of this permit or a failure to complete such work within one year of permit issuance shall invalidate the permit and require an extension or new permit as allowed by the building official; (7) that inspections outside of normal business hours, missed inspections or those caused by modifications or noncompliance shall be assessed an additional \$50.00 per inspection; (8) that a failure to obtain the required inspections or a violation of codes, rules, specifications or ordinances of the City shall be cause to suspend or revoke the permit and shall further be cause for the city to seek compliance in a manner as provided by law.

Signature of Permit Applicant

Printed Name



PREPARING AND SUBMITTING A SITE PLAN

A site plan is a drawing that shows proposed improvements to a property. A site plan shows the location of *existing* buildings and other improvements, adjacent streets or alleys, and other property features. A site plan also shows the size and location of *proposed improvements* to a property such as a new house, addition, deck, garage, storage shed, pool, sign, or parking lot.

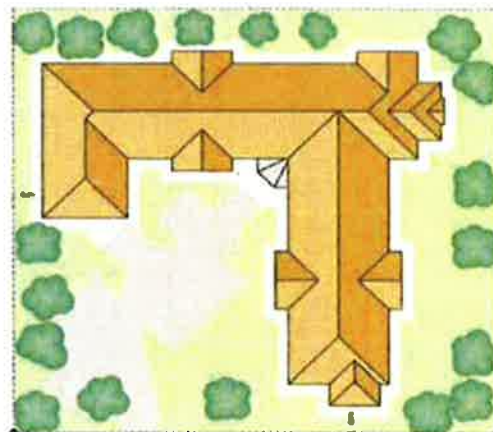
WHEN MUST I SUBMIT A SITE PLAN?

Prior to construction or development, a property owner or contractor must first apply for a building permit and submit a site plan to the City of Aledo for review. The City's Building Department (located at Aledo City Hall, 120 N College Ave.) will review the site plan to ensure that new structures and development comply with adopted land use codes and policies. Proposals will be reviewed, at minimum, to verify that construction will meet applicable setbacks, height, and size (bulk) standards. For larger projects other than single or two-family residential construction, additional site plans for landscaping and lighting may also be required.

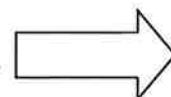
HOW SHOULD I PREPARE A SITE PLAN?

For most residential projects a simple hand-drawn, not-to-scale site plan is sufficient. Larger residential projects and most non-residential projects may require scaled site plans prepared by a registered design professional. At minimum, a site plan should identify the following:

- Property lines and dimensions;
- Location and name of adjoining streets, avenues, alleys and other physical features;
- Locations and exterior dimensions of all existing structures;
- Location, height and exterior dimensions of all proposed buildings or improvements;
- Distances (setbacks) from front, side, and rear property lines to the wall or edge of each existing structure and also to each proposed structure or improvement;
- For detached buildings, distances from existing buildings to proposed buildings;
- Street address; and
- North arrow.



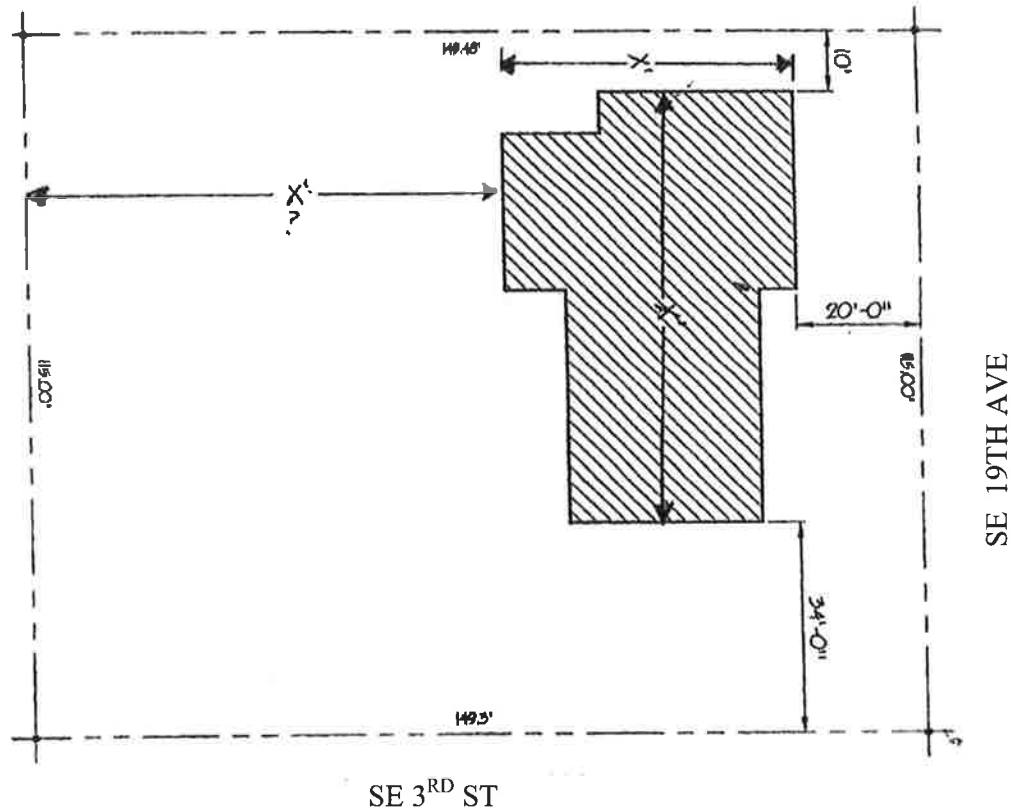
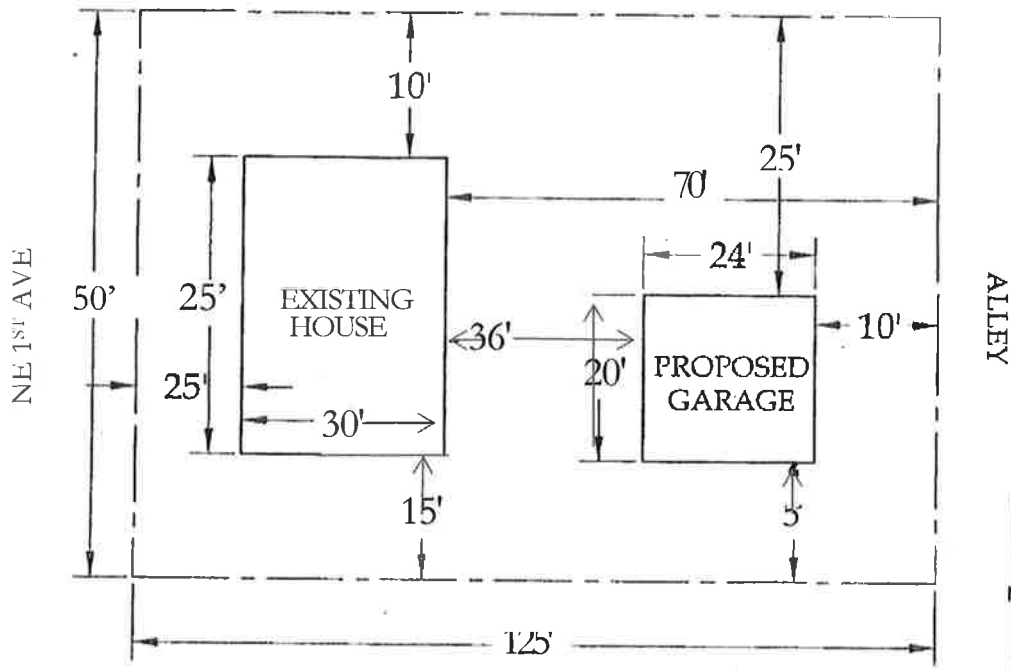
For site plan EXAMPLES and a BLANK TEMPLATE, see the following pages.



QUESTIONS? Contact the Building Department at 309-582-7241 ext 205 or jblaser@aledoil.org

SITE PLAN EXAMPLES

NE 1ST STREET



ADDRESS:

PROPOSED SITE PLAN

DESCRIPTION OF WORK:

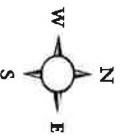
PLEASE SHOW:

- Dimensions of proposed structure
- Distances to property lines
- Existing structures & driveways
- Streets and alleys
- Property dimensions (if available)

CITY APPROVAL:

All improvements must comply with the Aleo Code of Ordinances. No changes without prior approval. The owner and/or contractor is responsible for verifying property lines, easements, and building/property dimensions.

Zoning Official _____ Date _____



General Code Requirements (This is not an exhaustive list)

1. Garage footings shall be a minimum 42" depth.
2. Garage floors shall be a minimum of 4" depth with rebar.
3. Garage walls, if wood, shall be a minimum of 6" above grade.
4. Anchor bolts shall be provided with maximum six foot spacing.
5. Headers shall be of a proper design so as to provide the proper load bearing capability.
6. Comer framing members shall be overlapped and top plates shall be staggered so that joints are not parallel.
7. Garage floors shall be pitched so as to provide for proper drainage.
8. Attached garages shall have a curb or gas stop between the garage and dwelling.
9. Minimum side setback in residential zones shall be 5 feet or 10% of the lot width, whichever is greater.

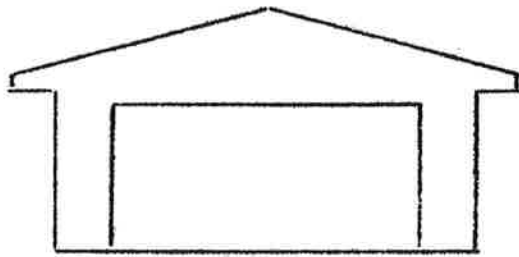
Required Inspections:

A minimum of one (1) business days' notice is required to schedule an inspection.

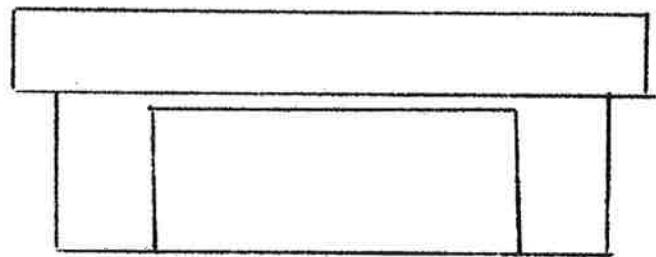
1. **Pre-pour inspection:** After the trench is dug and formed, call for an inspection prior to the pouring of a concrete footing.
2. **Pre-pour inspection:** After the rebar and forms are in place, call for an inspection prior to the pouring of a concrete floor.
3. **Underground Inspection:** Call for an underground inspection when the conduit or underground grade wiring is in place for electrical service.
4. **Rough Framing:** Call for a rough framing inspection prior to covering up walls and roof.
5. **Pre-Shingle:** Call for a pre-shingle inspection after ice & water barrier has been installed, prior to shingles.
5. **Rough Electrical or Rough Plumbing:** Call for an inspection prior to covering up.
6. **Call for a final Inspection** when the garage is completed, but the interior walls are still open. Do not cover the interior walls until the inspection has been made and the job has been approved.

NOTE: Inspection schedule will also be printed on each permit. Permits are to be on site and visible from road. Please schedule by calling the Aledo Building Department a minimum of one (1) business day prior to the inspection date. The City may impose a re-inspection fee for missed appointments or failed inspections.

To schedule an inspection call 309-582-7241 ext. 205 or email: jcoulter@aledoil.org



TYPICAL GABLE END WALL



TYPICAL BEARING END WALL

HEADER REQUIREMENTS IN WALLS

GABLE WALL

<u>OPENING</u>	<u>REQUIRED HEADER</u>
2'8" TO 3'11"	2 – 2" X 4" #2 SPF OR BETTER
4'0" TO 5'11"	2 – 2' X 6" # SPF OR BETTER
6'0" TO 7'11"	2 – 2' X 8" # 2 FIR & LARCH OR BETTER
8'0" TO 17'11"	2 – 2' X 10" #2 FIR & LARCH OR BETTER
18'0" & WIDER	ENGINEERING REQUIRED

BEARING WALL

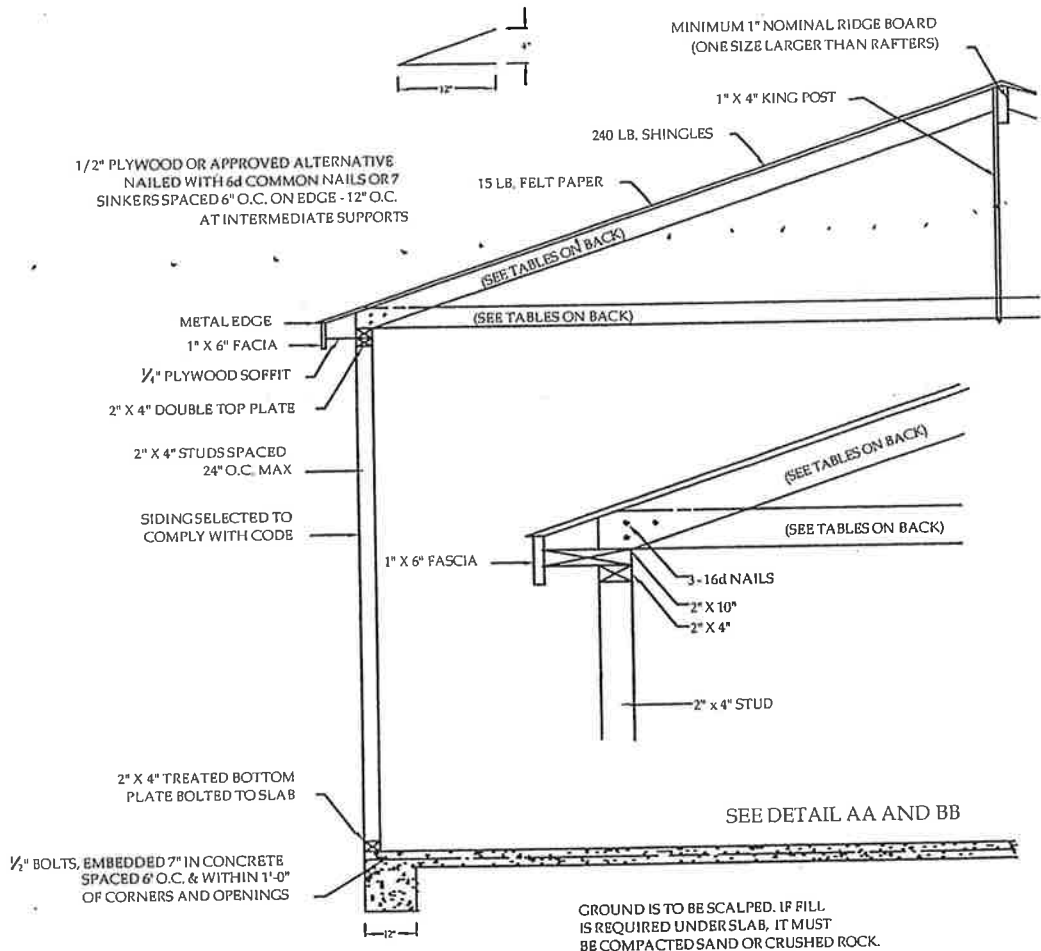
<u>OPENING</u>	<u>REQUIRED HEADER (24'-0" OR LESS BUILDING WIDTH)</u>
2'8" TO 3'11"	2 – 2" X 6" #2 SPF OR BETTER
4'0" TO 5'0"	2 – 2" X 8" # 2 FIR & LARCH OR BETTER
5'1" TO 7'0"	2 – 2" X 10" # 2 FIR & LARCH OR BETTER
7'1" TO 8'0"	2 – 2" X 12" #2 FIR & LARCH OR BETTER
8'0" & ABOVE	REQUIRES LVL ENGINEERED LUMBER OR ENGINEERED STEEL

RAFTER SIZING & SPECIES FOR WIDTH

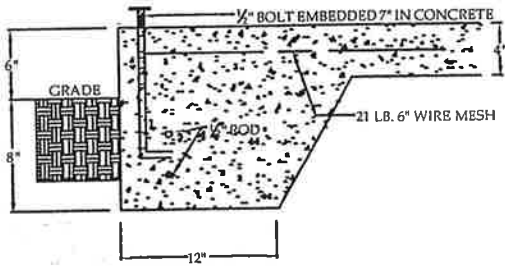
UP TO & INCLUDING (4/12 PITCH ASSUMED WITH 1' – 0" OVERHANG)

16'0" 2" X 6"	#2 SPF @ 24" O.C. MINIMUM OR APPROVED ROOF TRUSSES 30/10/10
18'0" 2" X 6"	# FIR & LARCH 24" O.C. MINIMUM OR APPROVED ROOF TRUSSES
20'0" 2" X 8"	#2 SPF @ 24" O.C. MINIMUM OR APPROVED ROOF TRUSSES
22'0" 2" X 8"	#2 SPF @ 24" O.C. MINIMUM OR APPROVED ROOF TRUSSES
24'0" 2" X 8"	#2 SPF @ 16" O.C. MINIMUM OR APPROVED ROOF TRUSSES
26'0" 2" X 8"	#2 SPF @ 16" O.C. MINIMUM OR APPROVED ROOF TRUSSES
28'0" 2" X 8"	#2 SPF @ 16" O.C. MINIMUM OR APPROVED ROOF TRUSSES
30'0" 2" X 8"	#2 FIR & LARCH @ 16" O.C. MINIMUM OR APPROVED ROOF TRUSSES

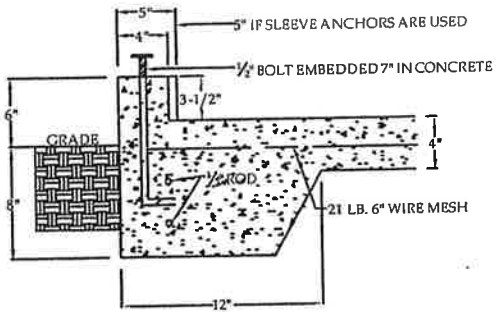
RIDGEBOARD MUST BE TALLER THAN PLUMB CUT OF RAFTER AND BE OF 1" STOCK MINIMUM. ALL BIRDSMOUTH CUTS SHALL REST ON THE 3 1/2" TOP PLATE



DETAIL AA



DETAIL BB



IF YOU PLAN ELECTRICAL FIXTURES IN YOUR GARAGE, SUBMIT LAYOUT FOR SAME WITH YOUR GARAGE PLAN

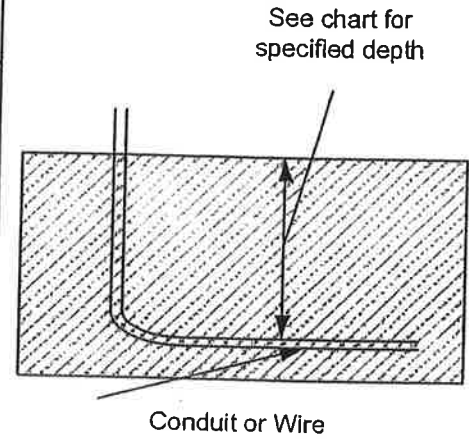


Garage Electrical Requirements

This handout is designed to assist those that choose to install electricity to accessory buildings. The items contained in this handout will not address every installation or situation that may arise during the process, these are general guidelines. If you are not familiar with electrical work then a professional electrician will need to perform the work. A professional must be licensed with the City of Aledo. Whether the homeowner or the electrician performs the work, an electrical permit is required. Overhead Electrical Wiring is not allowed.

Burial Depth

Location of Wiring Method or Circuit	Column 1 Direct Burial Cables or Conductors	Column 2 Rigid Metal Conduit or Intermediate Metal Conduit	Column 3 Nonmetallic Raceways Listed for Direct Burial Without Concrete Encasement or Other Approved Raceways	Column 4 Residential Branch Circuits Rated 120 Volts or Less with GFCI Protection and Maximum Overcurrent Protection of 20 Amperes
All locations Not specified below	24 inches	6 inches	18 inches	12 inches
In trench below 2 inch thick concrete or equivalent	18 inches	6 inches	12 inches	6 inches
One and two-family dwelling driveways and outdoor parking areas, and used only for dwelling related purposes	18 inches	18 inches	18 inches	12 inches



Note: Be cautious on conduit fill. Cables and insulated wires installed in enclosures and raceways in underground locations shall be listed for wet locations. **Type THHN wire is not rated for wet locations.**

Definitions

1. Feeder Circuit - Is a circuit that supplies energy to additional circuits.
2. Branch Circuit - Is a single circuit and does not energize additional circuits. A 3 wire circuit can be considered a single circuit.
3. Ground/ Grounded Conductor - Is known as the Neutral Wire.
4. Equipment Ground Conductor/ Grounding Conductor - Is the ground wire, typically the bare copper wire.

Supply Wire Requirements

- >The feeder circuit shall have an equipment-grounding conductor installed.
- >This can be either an actual grounding conductor or rigid/intermediate metal conduit.
- >The equipment grounding conductor ran with the feeder shall be used for grounding to equipment and connected to a grounding electrode.
- >The equipment-grounding conductor shall be terminated in the panel separately from the neutral ground bar and a grounding electrode.

If no equipment grounding conductor is run with the feeder wires and there are no metallic paths between the two buildings then the Neutral shall be connected to the building/structure disconnecting means and to the grounding electrodes and shall be used for grounding and bonding.



Garage Electrical Requirements

Sub - Panel Requirements

- If more than six circuit breakers are installed in the sub-panel then a main disconnect switch shall be installed.
- The panel shall be secured and all connections made secured and tight.
- The circuit breakers shall be of the single throw type and not more than 6 foot 7 inches in height above finished floor.
- A minimum clear working space of 30 inches wide, 36 inches in depth shall be maintained.
- Sub - Panel shall be bonded to the grounding system.
- All circuits shall be identified on the panel.

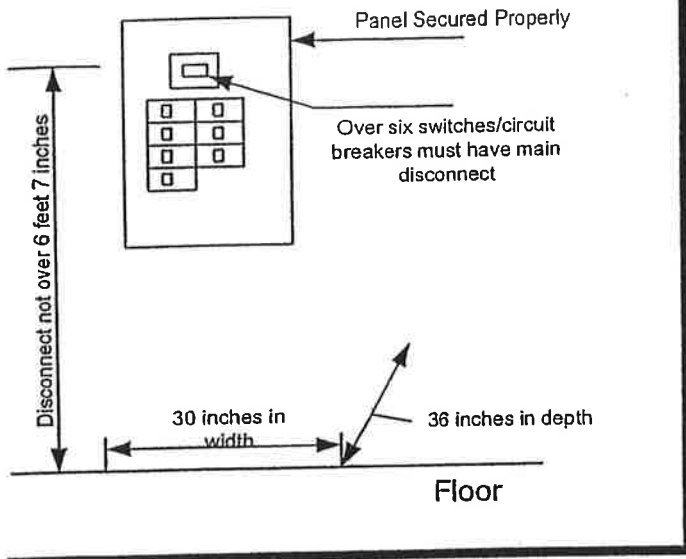
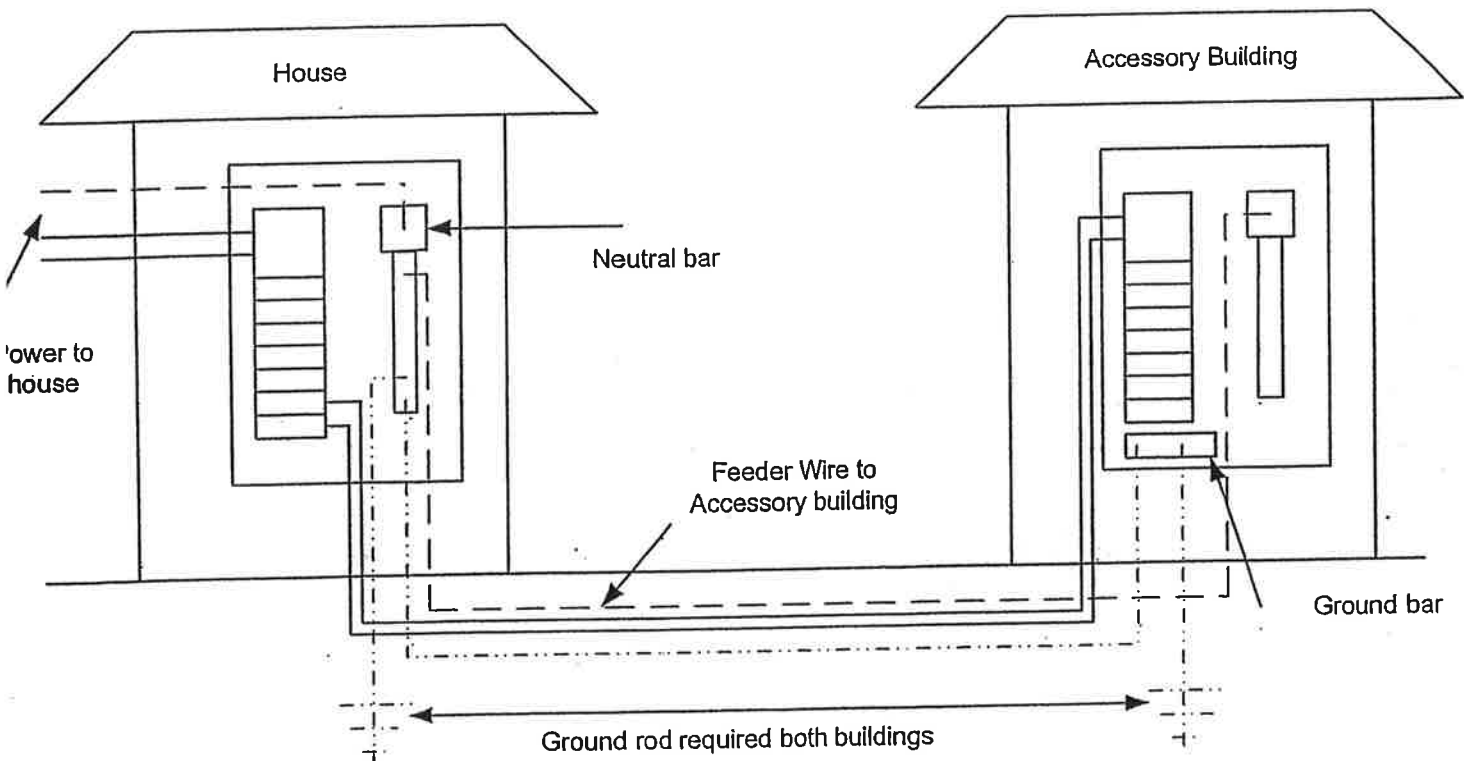
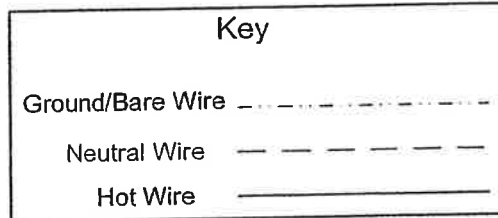


Fig 1.
This is the preferred way of wiring an accessory building. Any other means of grounding will need to be approved by the building department.

If wiring only a single branch circuit into the accessory building with an equipment ground conductor, the requirements below do not pertain.





Garage Electrical Requirements

Other Requirements to Fig 1.

- The ground rod shall be at least 8 feet in length and 5/8 inch in diameter
- The size of the wire from the ground rod to the electrical panel is based on the size of feeder wires ran.
- The ground rod shall be buried in the ground at least 8 feet and shall be at least 6 feet from any other electrode of another system.
- The size of the branch circuit wires is dependant on the size of the circuit breaker.
- The size of the feeder wire is dependant on the size of the circuit breaker.

Wiring and Outlets

- All exposed wiring in the walls from the bottom of the ceiling joists/trusses shall be in conduit.
- Any romax wiring ran in the walls (permitted if face of walls are sheathed) shall not be closer than 1 ¼ inches from face of wood stud. **All wiring shall be inspected prior to covering up.**
- Romax wiring shall be secured every 4 ½ feet on center.
- Romax shall be secured 8 inches prior to entering any outlet/junction box.
- All receptacles and lighting switches shall have the ground wire (bare wire) of branch circuit connected.
- All receptacle outlets mounted on exterior walls shall be GFCI protected and an in use cover shall be installed.
- All outlets shall be GFCI protected.

Exception 1. Those not readily accessible (over 6 feet 6 inches from finished floor and ceiling mounted).

Exception 2. Those that are of the single receptacle type and used for dedicated equipment that is not readily moved from location to location and equipment is cord and plug connected.

