POLE BUILDING PERMIT CHECKLIST

SHIAWASSEE COUNTY COMMUNITY DEVELOPMENT
201 N. SHIAWASSEE ST.
SURBECK BUILDING, THIRD FLOOR
CORUNNA, MI 48817
PHONE #: 989-743-2396 FAX #: 989-743-2393

APPLICATION WILL NOT BE PROCESSED UNTIL ALL DOCUMENT HAVE BEEN RECEIVED

ZONING PERMIT

(Commercial construction requires Site Plan Approval)
(Permit fee submitted at the time of application)

_____ 1. Completed **Zoning Permit Application** and notarized **Affidavit of Compliance.**

_____ 2. **Proof of Ownership:** A **recorded** deed or land contract with Liber and Page Number, or a recent tax billing statement that includes a **full legal description.**

_____ 3. **Plot Plan:** A legible plot plan must include directional arrow, property dimension and all requirements that pertain to the property that are listed on the reverse side of the plot plan and sample.

_____ 4. **Soil Erosion and Sedimentation Review:** A soil erosion review is required by the State of Michigan through the office of Environmental Health. (989) 743-2390

BUILDING PERMIT

(Contractors must be registered with the Building Department)

_____ 1. Completed **Building Permit Application** form.

_____ 2. **Blueprints and/or Plans:** A **complete** set of building and foundation plans and specifications, including a cross-section of the proposed project and a "Roof Loading Data Sheet or Truss Drawings.

APPLICATION for a ZONING PERMIT

Shiawassee County Community Development Department
Surbeck Building, Third Floor
201 N. Shiawassee St.
Corunna, MI 48817
Phone: (989) 743-2396 • Fax: (989) 743-2393
Email: comdev@shiawassee.net

App. Date:_____ Receipt #_____ Fee: $_____ Permit #_____

Review Date:_____ ☐ Approved ☐ Denied By:_____

Property Address/Location	Applicant (if not Owner)
Address/Street:_____	Name:_____
Nearest Cross Rd.:_____	Address:_____
Township:_____	City/State/Zip:_____
Parcel Number:_____	Phone:_____
Zoning District:_____	Fax/Email:_____
Owner Information	**If New Construction or Addition**
Name:_____	**Please Attach All That Apply:**
Address:_____	☐ Land Division Certificate ☐ Survey
City/State/Zip:_____	☐ Proof of Ownership
Phone:_____	☐ Septic Permit #_____ Well Permit #_____
Fax/Email:_____	☐ Driveway Permit ☐ Soil Erosion Permit
	☐ New Address

	Type of Request	Yes	No	For All Applications
	Principal Structure			Did you attach a "Site Plan Drawing"?
	Accessory Structure			Are you making grade (earth) changes?
	Agricultural Structure			Are you creating a pond?
	Temporary Structure/Use			Is your project within 500 ft. of surface water?
	Demolition Permit			Is your project exclusively for agricultural use?
	Sign			Is this site currently violating the Ordinance?
	Home Occupation			
	Pond and/or Grading			
	Deck or Porch			
	Pool			
	Private Kennel			
	Outdoor Solid Fuel Furnace			
	Shared Driveway			
	Buildable Lot Study			
	Hazardous Material Storage			
	Other:			

For Sign Permits Only

Type of Business:

Total display area in square feet:

Proposed setback from Right-of-Way:

Sign height: Sign purpose:

Type: ☐ Pole ☐ Ground ☐ Wall ☐ Other

Height and width of wall:

Attach Sign drawing showing copy ☐

Describe Proposed Building or Land Use:

_____

_____

AFFIDAVIT OF COMPLIANCE

I am the owner of, or the authorized agent of the owner, of the lot (parcel of land) described and shown on the attached site plan. I am familiar with the Shiawassee County Zoning Ordinance, including the related laws listed in Section 16.5.3. I hereby attest based upon my knowledge and belief that this request is complete, in compliance with, and warrants approval under the Shiawassee County Zoning Ordinance of 1999, as amended.

_____ _____

Signature of Applicant Date

"Affidavit of Compliance"

(As outlined within Section 16.5.3 of the Shiawassee County Zoning Ordinance/June 7, 1999)

I, _____, am the owner of, or the authorized agent of the owner of the lot (parcel of land) described on the attached site plan. I have read and understand the terms of the Affidavit of Compliance as listed below and agree to comply with the following, as applicable:

A. The Land Division Act, Public Act 288 of 1967, as amended.
B. The Shiawassee County Health Department Sanitary Code.
C. The Flood Plain regulations of the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, Part 31, as amended.
D. Michigan Public Health Code, Public Act 368 of 1978, as amended.
E. Farmland and Open Space Preservation provisions of the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, Part 361, as amended.
F. Wetlands Protection provisions of the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, Part 303, Section 324.30301 et.seq., as amended.
G. Inland Lakes and Streams provisions of the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, Part 301, Section 324.30101, et.seq., as amended.
H. "Miss Dig Law", Act 53, as amended.
I. Airport Zoning Act, Public Act 23 of 1950, as amended.
J. State Construction Code Act, Public Act 230 of 1972, as amended.
K. The Shiawassee County Drain Commission Standard Construction specifications for open and closed drains.
L. The Shiawassee County Subdivision Control Procedures pursuant to Public Act 288 of 1967, as amended.
M. The Shiawassee County Soil Erosion and Sedimentation Control Ordinance, and any Applicable regulations of the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, Part 91, Section 324.9101 et. seq., as amended.
N. Michigan Department of Environmental Quality rules for Land Divisions, as amended.
O. All township or village ordinances that are applicable to the proposed building, structure, or land use.
P. All other State, Federal, or local laws, rules, or regulations applicable to the proposed building, structure, or use of the property.

_____ _____

Signature of Applicant Date

STATE OF MICHIGAN)
COUNTY OF SHIAWASSEE)

The foregoing instrument was acknowledged before me this _____ day of _____, 20____.

_____,

Notary Public, _____, MI

My Commission Expires: _____

SHIAWASSEE COUNTY ZONING SITE PLAN GRID

NAME:_____ PROJECT ADDRESS:_____

LOT SIZE:_____or NUMBER OF ACRES_____.

(SEE REVERSE SIDE FOR INSTRUCTIONS)

(E, N, S, W,)

CENTER LINE OF ROAD

SITE PLAN REQUIREMENTS

1. List Setbacks from all lot lines accurately.

2. Indicate all buildings on site and the distance between them.

3. Show location of all utility lines and distance from current building site.

4. Show location of the Well, Septic Tank and Drain Field.

5. Show location of the Reserve Drain Field.

6. Accurately locate Driveway and give distance from closest lot line.

7. Indicate any unique features of the property, such as drain, ditches or streams, etc. and the distance for the building site.

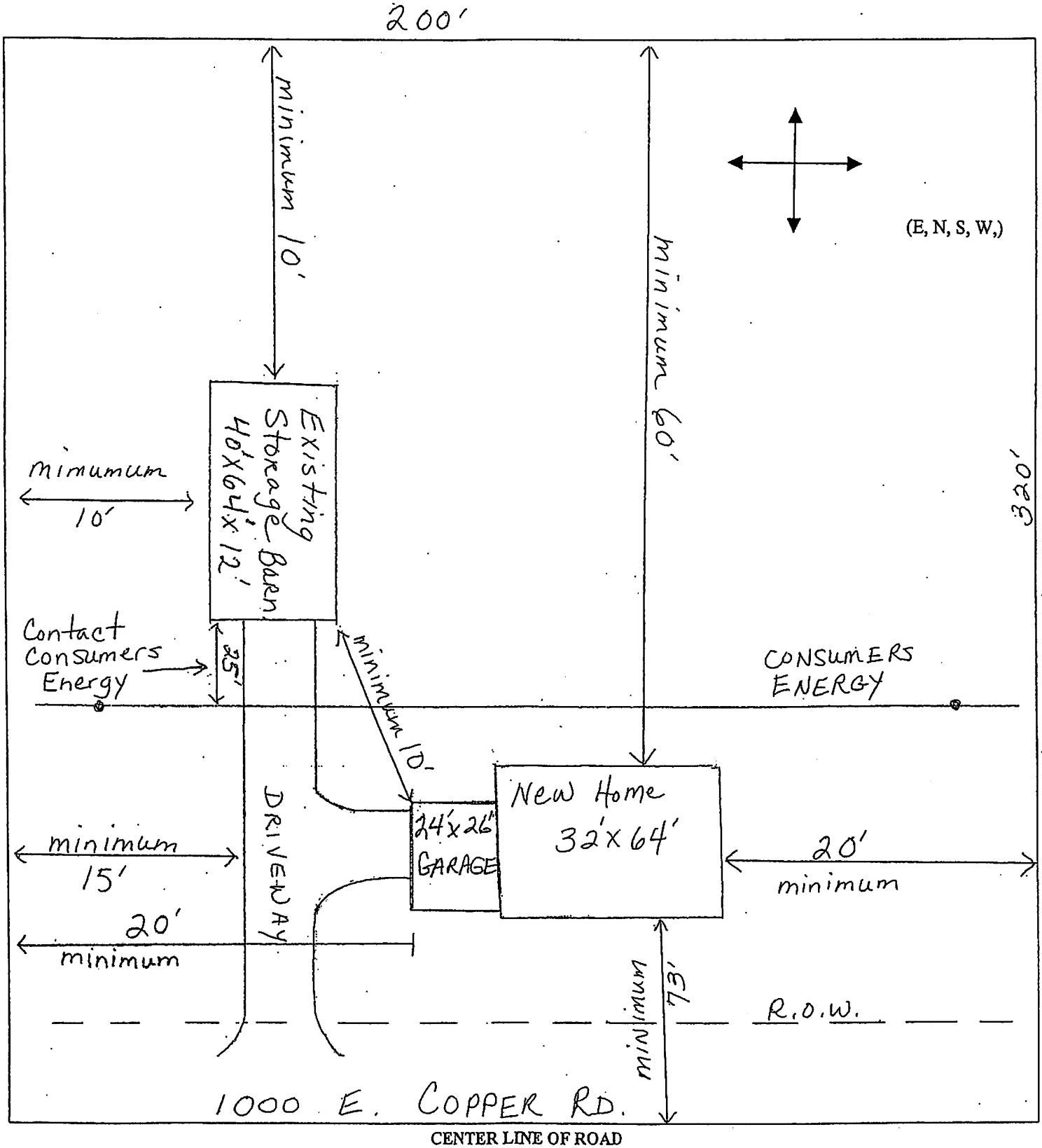
SAMPLE

SHIAWASSEE COUNTY ZONING SITE PLAN GRID

NAME John Doe PROJECT ADDRESS 1000 E. COPPER RD.

LOT SIZE 200 X 320 or NUMBER OF ACRES _____

(SEE REVERSE SIDE FOR INSTRUCTOINS)



CENTER LINE OF ROAD

BUILDING PERMIT APPLICATION

Shiawassee County Community Development Department
Surbeck Building, Third Floor
201 N. Shiawassee St.
Corunna, MI 48817
Phone: (989) 743-2396 • Fax: (989) 743-2393
Email: comdev@shiawassee.net

INSPECTION LINE: (989) 743-2280

Date:_____ Permit #_____ Receipt #_____ Class:_____

Please leave unknown information blank.

Name of Owner:
Address of Job:
Township/Section/Subdivision/Lot:
Parcel Number:

Contractor/Homeowner Information

Applicant:
Address:
City/State/Zip:
Phone: Contractor: Homeowner:
Federal Employer Identification Number:
M.E.S.C. Employer Number:
Workers Compensation/Disability Insurance Carrier:
Contractor's License Number, Expiration Date:

Work Description:

_____

_____

_____

Proposed Use: _____

Homeowners Affidavit: I hereby certify that the building work described above shall be installed by myself in single family dwelling in which I live or am about to occupy. All work shall be installed in accordance with the Michigan State Building Code and will not be covered, enclosed or put into service until it has been inspected and approved by a Shiawassee County Inspector. I will cooperate with the County and assume all responsibility to arrange for and obtain all necessary inspections. SECTION 23a of the State Construction Codes Act of 1972, Act. No. 230 of Public Acts of 1972, being Section 125.1523a of the Michigan Complied Laws, prohibit a person from conspiring to circumvent the licensing requirements of this State relating to persons who perform work on, or construction of residential buildings.

Home Owner's Signature:_____

Contractor's Signature:_____

Expiration of Permit: A permit remains valid as long as work is progressing and inspection are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work. **A permit will be cancelled when no inspections are requested and conducted within six months of the date of issuance or the date of a previous inspection. Cancelled permits cannot be reinstated.**

BUILDING TYPE
- ☐ Frame ☐ Masonry
- ☐ Pole ☐ Structured Steel
- ☐ Reinforced Concrete ☐ Other_____

FOUNDATION
- ☐ Block ☐ Poured Wall
- ☐ Wood ☐ Trenched Footing
- ☐ Ratwall ☐ Other_____

BUILDING DIMENSIONS (Measured in Sq. Feet)
Dwelling: 1st floor_____ 2nd floor_____
Garage:_____ Acc. Bldg:_____

BASEMENT (Please note size)
- ☐ Walkout_____x_____ ☐ Crawlspace_____x_____
- ☐ Unfinished_____x_____ ☐ Finished_____x_____
- ☐ Partially Finished_____x_____

NUMBER OF ROOMS
# of bathrooms
# of bedrooms
# of all rooms

WINDOW INFORMATION
- ☐ Double Hung ☐ Single Hung
- ☐ Casement ☐ Slider
- ☐ Other_____

FURNACE VENTS
- ☐ PVC ☐ Masonry
- ☐ Class "B" Metal ☐ Other_____

SMOKE DETECTORS (Must be hardwired w/ battery backup)
# of Smoke Detectors_____

FIREPLACE
- ☐ Solid Fuel (wood) ☐ Gas

SIDING:_____

ROOFING:_____

SWIMMING POOLS
- ☐ Above Ground ☐ Below Ground

TOTAL FEE TO BE PAID (Calculated by staff) $_____

Plan Review Required

A plan review may be required before work is started. Only homes of under 3,500 sq. ft. are exempt from plan review. Have plans been submitted for plan review?

☐ YES ☐ NO ☐ NOT REQUIRED

Official:_____

Date Approved:_____

Roof Loading Data Sheet

Authority: 1972 PA 230

Completion:

This form is to be completed and given to the building official with the application for plan review and building permit. The applicant shall give a copy of the completed form to the truss manufacturer.

Jurisdictional information should be included in this space	
Township	County

Applicant's Name:		Date:
Applicant's Address:		Permit Number:
City:	State:	Zip:
Applicant's Signature:		
Job Location:		
Address:		
Township/Village/City:	County:	

Where prescriptive design is used, the ground snow load, P_g, from Table R301.2(1) shall be used as the design roof snow except, where section R802.10.2.1 applies the design roof snow load shall be $.7P_g$. Additional unbalanced loads for drifting across the ridge are not required. Where engineered design is used, this form is to be completed by the permit applicant or design professional. The flat roof snow load, Pf is defined as: Pf=.7Pg(Ce)(Ct)(I). For factors Ce, Ct, and I, place an "X" in the appropriate box below that best describes the structure and the particular jobsite and substitute the corresponding values in the formula above. The result is the flat roof snow load and is applied as the truss top chord live load, TCLL1. All live loads and snow loads, including unbalanced loads and minimum loads, are to be applied per ASCE 7, chapters 4 and 7 and this code.

Ground Snow Load, P_g = _____ From Figure R301.2(5) or MRC Table R301.2(5)

Exposure Factor C_e

	Exposure	Fully Exposed[1]		Partially Exposed[2]		Sheltered[3]	
A	Large city center with at least 1/2 the buildings exceeding 70 ft. in height.	N/A		1.1		1.3	
B	Urban and suburban areas, wooded areas or other terrain with closely spaced objects having the size of single-family dwellings or larger.	0.9		1		1.2	
C	Open terrain with scattered obstructions having heights less than 30 ft. (flat open country)	0.9		1		N/A	
D	Flat unobstructed areas exposed to wind flowing over open water for a distance of at least 1 mile. (i.e. Great Lakes.)	0.8		0.9		N/A	

Mark only one of the 9 boxes under the exposure factor with an "X". Do not mark "X" in grayed out boxes.

[1]Fully Exposed: Roofs exposed on all sides with no shelter by terrain, higher structures, or trees.

[2]Partially Exposed: All roofs except those designated as "fully exposed" or "sheltered."

[3]Sheltered: Roofs located tight among conifers that qualify as obstructions.

Thermal Factor C_t

Thermal Condition[4]	Ct	
All structures except as listed below	1	
Structures kept just above freezing and those with cold, ventilated roofs with an R factor of 25 or greater between the ventilated and heated spaces, such as attics	1.1	
Unheated structures and those intentionally kept below freezing, such as seasonal building or storage buildings	1.2	
Continuously heated greenhouse with a roof R Value less than 2 and having an interior temperature maintained at about 50 degrees 3 ft above the floor during winter months and a temperature alarm system or an attendant to warn of a heating failure.	0.85	

Mark only 1 of the 4 boxes under the Thermal Factor with an "X".

Importance Factor (I)

	Category	I	
I	Building and other structures representing low hazard to human life, i.e.: Agricultural, Temporary, and Minor Storage Facilities.	0.8	
II	All buildings except those listed in Categories III and IV.	1	
III	Building and other structures representing substantial hazard to human life in the event of failure.	1.1	
IV	Buildings and other structures designated as essential facilities.	1.2	

Mark only 1 of the 4 boxes under the Importance Factor with an "X"

Note: All roof trusses have additional live (storage) loads applied to the bottom chord where required per Table R301.5.

SHIAWASSEE COUNTY INSPECTION INFORMATION

PART OF THE BUILDING PROCESS IS TO IDENTIFY THE JOB LOCATION AND HAVE INSPECTIONS DONE AT SPECIFIC STAGES DURING CONSTRUCTION. BEFORE AN INSPECTOR CAN PERFORM THEIR JOB THE PERMIT HOLDER SHALL OBSERVE THE FOLLOWING RULES.

1: THE BUILDING PERMIT OR COPY SHALL BE KEPT ON SITE UNTIL THE COMPLETION OF THE PROJECT.

2: THE SITE ADDRESS SHALL BE PROVIDED IN SUCH A POSITION TO BE PLAINLY VISABLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.

INSPECTIONS:
THERE ARE A NUMBER OF INSPECTIONS REQUIRED IN EACH OF THE FOUR CODES (BUILDING, ELECTRIC, PLUMBING AND MECHANICAL); THEREFORE YOU MUST CALL WHEN YOU ARE READY FOR EACH TYPE OF INSPECTION. **ALL WORK SHALL BE INSPECTED FOR EACH TRADE AND AN APPROVAL STICKER POSTED, BEFORE WORK CONTINUES. DO NOT REMOVE ANY STICKERS UNTIL ALL FINAL INSPECTIONS ARE COMPLETE AND APPROVED.**

THE REQUIRED VISUAL INSPECTIONS ARE AS FOLLOWS:

BUILDING

FOUNDATION / FOOTING: WHEN EXCAVATION IS COMLPETED, FORMS ARE SET, TRENCHES DUG, REQUIRED REINFORCING STEEL IS IN PLACE AND PRIOR TO PLACING ANY CONCRETE. WOOD FOUNDATIONS: STONE AND FOOTING PLATES ARE IN PLACE.

BACKFILL: WHEN FOUNDATION WALLS ARE DAMPPROOFED/ WATERPROOFED, AN APPROVED DRAINAGE SYSTEM INSTALLED, FOUNDATION ANCHORS INSTALLED PER MANUFACTURERS SPECIFICATIONS AND WALLS BRACED.

ROUGH MASONRY: WHEN THE BASE COURSE FLASHINGS AND WEATHER-RESISTANT SHEATHING PAPER HAVE BEEN INSTALLED AND BEFORE THE INSTALLATION OF ANY MASONRY VENEER (BRICK, STONE, ETC.).

ROUGH FRAME: (BEFORE INSULATING OR DRYWALL) WHEN THE ROOF, ALL FRAMING, FIRESTOPPING, DRAFTSTOPPING, AND BRACING ARE IN PLACE. EXTERIOR WINDOWS AND DOORS SHALL BE INSTALLED. **THE ELECTRICAL, PLUMBING AND MECHANICAL ROUGH INSPECTIONS HAVE ALL BEEN APPROVED.**

VAPOR BARRIER: BEFORE ANY CONCRETE IS PLACED.

FIRE RATED ASSEMBLY: BEFORE WALLS ARE TAPED AND FINISHED (COMMERCIAL ONLY)

INSULATION INSPECTION: BEFORE DRYWALL OR OTHER INTERIOR WALL COVERING IS IN PLACE.

FINAL: WHEN THE PERMITTED WORK IS COMPLETE AND PRIOR TO OCCUPANCY. THE ELECTRICAL, MECHANICALS & PLUMBING FINAL INSPECTIONS HAVE ALL BEEN APPROVED. **SITE ADDRESS INSTALLED PER THE 911 ORDINANCES.** (4" MINIMUM ON THE STRUCTURE, 3" MINMUM ON A POST 3½' – 5' TALL, OR ON A MAILBOX "POST" LOCATED ON THE LEFT HAND SIDE OF THE DRIVEWAY AS YOU ENTER THE PROPERTY AND VISIBLE FROM BOTH SIDES.)

ELECTRICAL

TEMPORARY SERVICE: WHEN TEMPORARY SERVICE IS COMPLETE AND READY FOR HOOKUP. IT SHALL HAVE ONE (1) GROUND ROD AND A GROUNDFAULT OUTLET. **A REQUEST NUMBER IS REQUIRED.**

PERMANENT SERVICE: WHEN PERMANENT SERVICE IS COMPLETE AND READY FOR HOOKUP. IT SHALL HAVE TWO (2) GROUND RODS SPACED A MINIMUM OF 6 FEET APART AND A GROUNDFAULT OUTLET.
A REQUEST NUMBER IS REQUIRED.

UNDERGROUND: WHILE TRENCH IS OPEN.

ROUGH IN: WHEN WIRE IS PULLED, BOXES MADE UP (NO FIXTURES INSTALLED) AND SERVICE IS READY TO BE RELEASED. ALL PENETRATIONS THROUGH PLATES, AT 10-FEET INTERVALS IN WALL CAVITIES, AND INTO RETURN AIR RUNS SHALL BE FIRE STOPPED.

FINAL: WHEN ALL FIXTURES ARE SET AND COVERS PLATES ARE ON.

MECHANICAL

UNDERGROUND: REQUIRED IF ANYTHING IS TO BE COVERED BY FILL OR CONCRETE.

ROUGH IN: WHEN ALL MECHANICAL EXHAUST FANS AND REQUIRED VENTS ARE INSTALLED AND ALL CUTTING / FRAMING COMPLETED. ALL PENETRATIONS THROUGH PLATES AND AT 10-FEET INTERVALS IN WALL CAVITIES SHALL BE FIRE STOPPED.

FINAL: WHEN THE FURNACE AND OR AIR CONDITIONING IS COMPLETED AND OPERATING PROPERLY. ALL EXTERIOR GAS PIPES ARE PAINTED.

PLUMBING

UNDERGROUND: WHEN ALLSANITARY DRAIN LINES, WATER LINES, AND SUBSOIL DRAIN TILES ARE INSTALLED THAT WILL BE COVERED AND BEFORE FILL OR CONCRETE IS PLACED.

ROUGH: WHEN ALL WATER LINES, DRAIN LINES (INCLUDING THE BUILDING DRAIN IN THE CRAWL SPACE OR BASEMENT) AND VENTS ARE INSTALLED AND PROPERLY SUPPORTED. ALL PENETRATIONS THROUGH PLATES, AT 10-FEET INTERVALS IN WALL CAVITIES AND INTO RETURN AIR RUNS SHALL BE FIRESTOPPED.

FINAL: WHEN ALL FIXTURES ARE SET AND OPERATING PROPERLY WITH HOT WATER.

INSPECTORS MAY MAKE OR REQUIRE ***OTHER INSPECTIONS*** TO ASCERTAIN COMPLIANCE WITH THE CODES.

PLEASE REMEMBER EACH JOB IS DIFFERENT AND GOES AT DIFFERENT PACES. THERFORE, WE HAVE NO IDEA WHEN YOU WILL BE READY FOR AN INSPECTION. PLEASE CALL AND LET US KNOW. MAKE SURE YOU ARE READY FOR THE INSPECTION. IF AN INSPECTION IS REQUESTED AND IS NOT READY OR THE BUILDING IS LOCKED, A RE-INSPECTION IS REQUIRED AND A FEE WILL BE CHARGED.

DO NOT TO COVER ANY WORK UNTIL ALL APPROVALS ARE GIVEN.

TO REQUEST INSPECTIONS, CALL OUR REQUEST LINE AT 989-743-2280 OR FAX TO 989-743-2393 (FAX FORM AVAILABLE AT BUILDING INSPECTIONS DEPARTMENT AT 989-743-2396 OR SHIAWASSEE.NET)

WHEN CALLING FOR AN INSPECTION BE SURE TO HAVE THE FOLLOWING INFORMATION READY:

A. **ADDRESS OF PROJECT**
B. **CONTACT NAME AND TELEPHONE NUMBER**
C. **TYPE OF PROJECT (NEW HOME, ADDITION, COMMERCIAL, ETC...)**
D. **TYPE OF INSPECTION REQUESTED (UNDERGROUND, ROUGH, FINAL OR REINSPECTION, ETC.)**
E. **IF HOME IS OPEN OR IF THERE IS A KEY OR LOCK BOX CODE FOR THE INSPECTOR**

THANK YOU FOR YOUR COOPERATION AND "GOOD LUCK" WITH YOUR PROJECT

SHIAWASSEE COUNTY COMMUNITY DEVELOPMENT - BUILDING DIVISION
201 NORTH SHIAWASSEE ST, THIRD FLOOR, SURBECK BUILDING
CORUNNA, MICHIGAN 48817

FOR ANY QUESTION PLEASE CONTACT THE MAIN OFFICE AT:
(989) 743-2396

Revised August 1, 2008

INSPECTION REQUEST INFORMATION

INSPECTION REQUEST LINE: 989-743-2280

ELECTRICAL, INSPECTIONS ARE DONE ON MONDAY & THURSDAYS, MECH. & PLUMBING INSPECTION ARE DONE ON MONDAY & WEDNESDAYS. BUILDING INSPECTIONS ARE DONE ON TUESDAY & THURSDAY. FOR THE CONVENIENCE OF OUR CUSTOMERS, SHIAWASSEE COUNTY INSPECTION REQUESTS CAN BE FAXED TO: **(989) 743-2393** (FAX FORMS ARE AVAILABLE IN THE OFFICE).

PLEASE HAVE THE FOLLOWING INFORMATION READY:

ADDRESS OF PROJECT

TYPE OF PERMIT
(Building, Electrical, Plumbing, etc.)

TYPE OF INSPECTION
(Underground, Rough, Final, etc.)

CONTACT INFORMATION OF THE PERSON REQUESTING THE INSPECTION.

HOW TO GAIN ACCESS TO PROJECT
(Key Location, Lock Box Number, Open, etc.)

ADDITIONAL INSPECTIONS ARE $40.00

REINSPECTION FEES ARE $60.00
AND
MUST BE PAID PRIOR TO THE REINSPECTION

TO CONTACT AN INSPECTOR CALL THE MAIN OFFICE
(989) 743-2396

POLE BUILDING PLAN REVIEW REQUIREMENTS

2003 MICHIGAN RESIDENTIAL BUILDING CODE

Depth and diameter of post footing

Size of posts and spacing

Size and spacing of sidewall purlins

Size and number of truss carriers/headers

Type and location of truss ties/blocks

Roof framing materials (pre-engineered trusses or rafters)

Type of roof sheathing

All door and window sizes, including locations

A description of the exterior coverings

Location on the lot

The above items are a general list to start the plan review, if you have any circumstances that may affect the final approval of your project, please address these on your plans.

FOOTING REQUIREMENTS FOR POLE BUILDINGS

T. = Thickness D. = Diameter

Width of Building with poles sent on 8 feet centers.

One Story Building:	Two Story Building:
T. D.	T. D.
12Ft. = 06" X 12"	12Ft. = 06" X 12"
16Ft. = 06" X 12"	16Ft. = 06" X12"
20Ft. = 06" X 12"	20Ft. = 06" X 12"
24Ft. = 06" X 12"	24Ft. = 06" X 12"
28Ft. = 08" X 16"	28Ft. = 08" X 16"
32 Ft. = 08" X 16"	32Ft. = 08" X 16"
36Ft. = 08" X 16"	36Ft. = 08" X 16"
40Ft. = 08" X 16"	40Ft. = 08" X 20"
44Ft. = 08" X 16"	44Ft. = 08" X 20"
48Ft. = 08" X 16"	48Ft. = 08" X 20"
52Ft. = 08" X 20"	52Ft. = 12" X 24"
56Ft. = 08" X 20"	56Ft. = 12" X 24"
60Ft. = 08" X 20"	60Ft. = 12" X 24"

Width of Building with poles set on 4 Feet Centers.

64Ft. = 12" X 24"	64Ft. = 12" X 30"
68Ft. = 12" X 24"	68Ft. = 12" X 30"
72Ft. = 12" X 30"	72Ft. = 12" X 30"
76Ft. = 12" X 36"	76Ft. = 12" X 36"
80Ft. = 12" X 36"	80Ft. = 12" X 36"