Grant/ Sheridan Building Development

Physical address: 3022 E. Surrey Rd Clare, MI 48617

Office/	Inspectio	n Line:	989-339	-4274	

D	1athad:	
Payment N		
Cash	Check	
Check No:		

Eric Cotton, Building Official: buildingofficial@grant-township.org Kerry Gross, Administrative Assistant: clerk@grant-township.org

TO PREVENT THE DLAY OF THE ISSUANCE OF THE PERMIT, PLEASE FILL OUT THE APPLICATION COMPLETELY.

Separate applications	may need	to be co	mpleted for soil e	rosion, well & se	ptic, plumbir	ng, mechanical and	elect	rical permits.
APPLICANT								White Control of the
OWNER [BUILDER		ARCHITE	CT/ENGINEER	AGENT			in the second of
The architect, engineer or agent m name, address and telephone num	ust provide v iber.	vritten autho	rization from the owner	r to apply for a buildin	g permit. The aut	thorization must include	the arch	nitect, engineer or agent
PROJECT INFORMATION/LOCATI	ON							
Project Name:				Address:				
City/Village/Township:				Property ID Numb	er:			
Side of Road: N S E W	Cross Roads: BETWEEN				AND		Y II J	for the Atlanta
Subdivision and Lot Number				Parcel Size:				
IDENTIFICATION OF OWNER OR I	ESSEE							
The owner will be the designated of	contractor and	d the permit	holder for this project	Yes	□ No			
Name:				Address:				
City: State:			Zip Code:		Telephone:			
Driver's License/l.D. Number:				Date of Birth:		Fax:		
IDENTIFICATION OF ARCHITECT/	ENGINEER							en en en e
Contact Person:			A 11 - 1	Business Name:				
Street or PO Box:		- 1		City:		State:		Zip:
Telephone:			Email:	Fax:				
Professional License Number:				Expiration Date:				
IDENTIFICATION OF BUILDING CO	ONTRACTOR							
WILL BE THE PERMIT HOLDER			WILL NOT BE THE PER	MIT HOLDER AND IS A	CTING AS A SUB-	-CONTRACTOR ONLY		
Contractor's Name:				Professional Licens	e Number		Expira	ation Date:
Driver's License/i,D. Number:				Date of Birth:				
Business Name:				Street Address or F	O Box:			
City:	State:		Zip:	Email:				
Telephone:				FEIN or reason for	exemption:			
MESC Number or reason for exemp	tion:			Workers Comp. Ins	. Carrier or reasor	n for exemption:		

New Building Crawl Space Attached Garage Single Family Dwelling Piers Detached Garage Two Family Dwelling Slab on Grade Pole Type Structure Basement (Walk Out) Frost Free Foundation Carport Accessory Building Addition Pescribe:	Alte	eration/Renovation/Repair molition nufactured Home vner Occupied ntal Unit	
New Building	Alte	molition nufactured Home vner Occupied ntal Unit	
New Building Crawl Space Attached Garage Single Family Dwelling Piers Detached Garage Two Family Dwelling Slab on Grade Pole Type Structure Basement (Walk Out) Frost Free Foundation Carport Accessory Building Addition Describe: STRUCTURE SIZES IN SQUARE FOOTAGE RESI	Alte	molition nufactured Home vner Occupied ntal Unit	
Single Family Dwelling Piers Detached Garage Two Family Dwelling Slab on Grade Pole Type Structure Basement (Walk Out) Frost Free Foundation Carport Basement (BG) Accessory Building Addition Describe: STRUCTURE SIZES IN SQUARE FOOTAGE RESI	Ma Ow Rei	nufactured Home vner Occupied ntal Unit	HONOR OF STREET
Two Family Dwelling Slab on Grade Pole Type Structure Basement (Walk Out) Frost Free Foundation Carport Accessory Building Addition Describe: STRUCTURE SIZES IN SQUARE FOOTAGE RESIL	Own Res	rner Occupied ntal Unit	
Basement (Walk Out) Frost Free Foundation Carport Basement (BG) Accessory Building Addition Describe: STRUCTURE SIZES IN SQUARE FOOTAGE RESI	DENTIAL COM	ntal Unit	
Basement (Walk Out) Accessory Building Addition Describe: STRUCTURE SIZES IN SQUARE FOOTAGE Base Basement (Walk Out) Accessory Building Addition RESI	DENTIAL COM		
Describe: STRUCTURE SIZES IN SQUARE FOOTAGE Base Base		MERCIAL	
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STRUCTURE SIZES IN SQUARE FOOTAGE Base		MERCIAL	
STRUCTURE SIZES IN SQUARE FOOTAGE Base		MERCIAL	
STRUCTURE SIZES IN SQUARE FOOTAGE Base		MERCIAL	Andrew Study of
STRUCTURE SIZES IN SQUARE FOOTAGE Base		MERCIAL	
STRUCTURE SIZES IN SQUARE FOOTAGE Base		VILITAL	
Base	ment:		
First Floor:	anette.		
Gara	age:		
Second Floor:	·9		
	litions:		
Other Floor:		- 1000	
Project cost - include materials and labor:			Koningonium Kirko ortik od
			- 44
PRE-MANUFACTURED/MOBILE HOME		Manufactured home on	private property
Manufactured home in a mobile home park] Wood	Other
Type of Foundation:			Structural Steel
Type of Frame:	T. C. C.	pathacean	Portrain to printing their
Fire Suppression:		Number of Stories:	Occupancy Load:
Classification of the Building Use Group: Type of Const	truction;	1,50	
Type of Foundation: Concrete Block Type of Frame: Masonry Load Bearing Reinforced Conference No Full Pa	ncrete		Structural Steel

APPLICANTS APPROVAL AND SIGNATURE SECTION

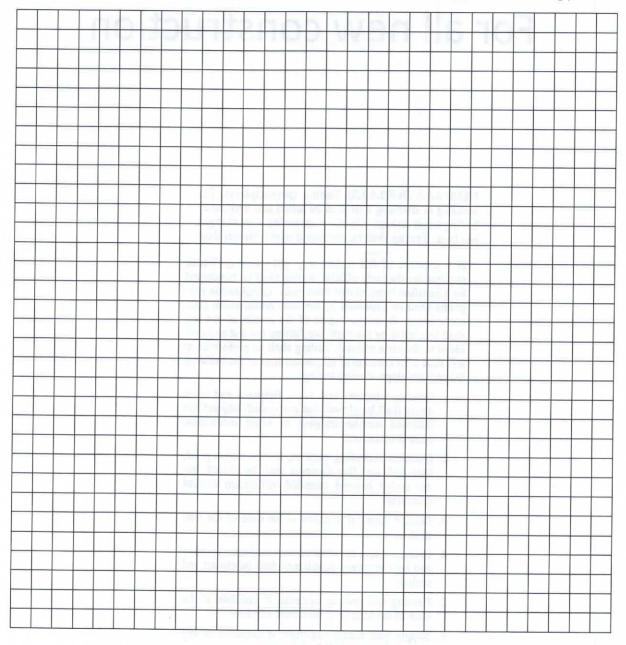
☐ THE APPLICANT IS RESPONSIBLE FOR THE PAYMENT OF ALL	FEES AND CHARGES RELATING TO THIS APPLICATION AND MUS	ST PROVIDE THE FOLLOWING INFORMATION:
APPROVED BY A CLARE COUNTY BUILDING INSPECTOR BEF WILL MAKE SURE PROPER PERMITS WILL BE ACQUIRED AND	E STATE BUILDING CODE AND ALL PHASES OF THE CONSTRUCTI ORE ANY FURTHER WORK IS STARTED. IF ANY ELECTRICAL, MEC ALL INSPECTIONS WILL BE COMPLETED AND WORK APPROVEE ND ASSUME ALL RESPONSIBILITY TO ARRANGE FOR AND OBTAI	CHANICAL OR PLUMBING WORK NEED TO BE DONE, I
I UNDERSTAND THAT I MUST KEEP MY PETS UNDER CONTRO and the additional inspection will be charged at \$75.00.	DL WHILE THE INSPECTOR IS ON THE PREMISES. Failure to contr	rol a pet shall result in rescheduling the inspection
I UNDERSTAND THAT IF APPLICABLE THIS SITE MAY BE SUBJ	ECT TO FEMA FLOODPLAIN REGULATIONS.	Control Low III control tests for Paliful bulgage
I UNDERSTAND THAT IT IS MY RESPONSIBILITY TO COLLECT BUILDING PROJECT. FAILURE TO DO SO MAY RESULT IN NO L	AND INSURE APPROPRIATE LICENSING AND PROOF OF INSURAI LEGAL RECOURSE IN THE EVENT OF CODE VIOLATIONS OR SUB S	NCE FOR ANY AND ALL TRADES WORKING ON MY STANDARD WORKMANSHIP.
I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLI	CATION IN FULL.	
* SECTION 23a OF THE STATE CONSTRUCTION ACT OF 1972, 197: OF THIS STATE RELATING TO PERSONS WHO ARE TO PERFORM W CIVIL FINES.	2 PA 230, MCL 125.1523a, PROHIBITS A PERSON FROM CONSPIR ORK ON A RESIDENTIAL BUILDING OR A RESIDENTIAL STRUCTU	IING TO CIRCUMVENT THE LICENSING REQUIREMENTS RE. VIOLATORS OF SECTION 23a ARE SUBJECT TO
I HEREBY CERTIFY THAT THE PROPOSED WORK IS AUTHORIZED B HIS/HER AUTHORIZED AGENT, AND WE AGREE TO CONFORM TO ACCURATE TO THE BEST OF MY KNOWLEDGE.	YTHE OWNER OF RECORD AND THAT I HAVE BEEN AUTHORIZED ALL APPLICABLE LAWS OF THE STATE OF MICHIGAN. ALL INFOR	D BY THE OWNER TO MAKE THIS APPLICATION AS MATION SUBMITTED ON THIS APPLICATION IS
Signature of Owner:	Type or Print Name:	Date:
Signature of Owner's Agent:	Type or Print Name:	Date:
INTERNAL USE/INSPECTOR'S NOTES		
	ANTIDA III. A LUAN	
	85 Milan cens excess upo	angenius y - II, Nashir o mer Videnius II
TI WA	and a substitution and an experience of	TWE - I METADAMA GOVERNMENT QUARTE
	days again the again 1997 a little from the culture	ha na a manna ah yept, 1, 560 k. 1665, 197 l

THIS SECTION MUST BE COMPLETED FOR ALL NEW HOUSES, ADDITIONS AND ALTERATIONS

There are two ways to comply	DE. Indicate what	method has b	een used to	provide documen	tation of code	compliance.			
 Use the prescriptive me Use the System Analysis 	thod (see table 40 s method (see tabl	2.1.1) e 2).	dija mma Disa Tak		AL STRUM DE LITTE	THURST OF			
PARTITION A SHARWAY OF A	A PLATEO THAT HE								
			TABLE 402	.1.1	Marin Mila			H- UPA	HARVILL PA
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT ^b <i>U</i> -FACTOR	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT [©] WALL R-VALUE	SLAB ^d R-VALUE AND DEPTH	SPACE WALL R-VALUE
5A	0.32	0.55	38	20 or 13 + 5 ^r	13/17	30°	10/13	10, 2ft	15/19
6A	0.32	0.55	49	20 or 13 + 5 ¹	15/20	30°	15/19	10, 4ft	15/19
7	0.32	0.55	49	20 or 13 +5 ^t	19/21	38"	15/19	10, 4ft	15/19
maintain a consistent total sheathing thickness. g. The second R-value applies when more than ha	alf the insulation is			s wall.					um partition
Michigan Uniform Energy Code—2009 (Detact	ned 1 and 2 family	dwellings)		The first part part of the second					
2. Meeting the design, construction, and certifica	ition requirement	under the U.S	. EPA						
ENERGY STAR HOMES PROGRAM									
3. Meeting the design and construction guidelin						e of 85.			
4. Achieving an approval using the insulation rec	quirements in RES	check at http:/	/www.energ	gycodes.gov/resch	eck				
401.3 Certificate. A permanent certificate shall distribution panel. The certificate shall not cover	or obstruct the vi	sibility of the c	ircuit	fenestration. Wh	a covering the	largest area	The certificate :	shall list the	he certificate
distribution panel. The Certificate shall not cover directory label, service disconnect label or other be completed by the builder or registered desig the predominant R-values of insulation installed (slab, basement wall, crawlspace wall and/or floc spaces; U-factors for fenestration and the solar h	required labels. T n professional. The lin or on ceiling/ro or) and ducts outsi	e certificate sn oof, walls, foun de conditione	dation	efficiencies of he unvented room residence, the ce "baseboard elec unvented room	heater, electric ertificate shall I tric heater" as	furnace, or l ist "gas-fired oppropriate.	oaseboard electi unvented room An efficiency sh	ric heater is i heater,""elec all not be list	nere a gas-fired nstalled in the ctric furnace" or red for gas-fired

Building Permit Application – Grid Building Permit Application — Grid Clare County Building Development

Please draw out your current structures as well as your new structures and mark them accordingly.



Mandatory Blower Door Test

For all new construction

N1102.4.1.2 (R402.4.1.2) Testing (prescriptive). The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 4 air changes per hour. Testing shall be conducted with a blower door

at a pressure of 0.2 inches w.g. (50 pascals). Where required by the code official, testing shall be conducted by a certified independent third party. Certification programs shall be approved by the state construction code commission. A written report of the results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope. During testing:

- Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures;
- Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures:
- Interior doors, if installed at the time of the test, shall be open;
- Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
- Heating and cooling systems, if installed at the time of the test, shall be turned off; and
- Supply and return registers, if installed at the time of the test, shall be fully open.

Residential Frame Built (Roof, Walls, Floor, and Foundation)

Roof:	THE COST CONTRACTOR OF THE PARTY OF THE PART	Shingles
Pitch -	Mr.	Felt
Shingles -	_ Rafter	Ice Barrier
Shingles	or Or	Roof Sheathing
Ce Barrios	110%	
Roof Sheathing	1	
Roof Sheathing - Truss - Yes No	Ceiling Joist	
If No Anguera Tives I No	(() ()	M reser
If No Answer The Following	Clear Span, to the opposite support	W_ISK
Rafter Special		IMMI
Rafter Size - Rafter Spacing - Rafter Clear Span -	Headers —	-HXIXH
Rafter Clear SpanRafter Species -		17-13-1
Rafter SpeciesRidge -	D'A'	
Ridge Ceiling Joist Size Ceiling Joist Spacing-	Building Paper (Tyvek)	1 3
Colling Joist Size	Sheathing —	
Ceiling Joist Spacing- Ceiling Joist Species-		
Ceiling Joist Species- Insulation -	Insulation	
Insulation	Wall Francis	
Roof Ventilation	Wall Framing	 >
	Interior Finish	
Siding -		
Siding	Andrews and the second	
Bldg. Paper (Tyvek)		
Insulation	* *	
Walls Framing		
Headers - Interior Finish -		
Interior Finish - Ceiling Height - Floor:	and the latter party of the par	
Ceiling Height -	· ·	3
Sub-Floor - Floor Joist Size		
	Sub-Floor	
Floor Joist Spacing - Floor Joist Clear Span -		3
Floor Joist Clear Span - Floor Joist Species -		TA
Floor Joist Species - Beam Type & Size -) Floor Joist	IXBI _
Beam Type & Size	<	Dismuce From Grade
Distance From Grade -	Clear Span, to the opposite support	S1 -
Foundation:		
Anchor Type -		
Anchor Spacing -	Sill Plate	
Sill Plate -	Foundation Anchor	
Poured Wall Size -	- ounum ton Antenor	
	Foundation Wall	
ertical Reinforcement - #		
	Vertical Reinforcement	
		《 公》(1)
apor Barrier x x	Concrete Floor	
olumn Spacing-		A A A A A A A A A A A A A A A A A A A
ooting Width -		
	Vapor Barrier	
ooting Depth Below Grade	Footing	
o -Fill Dolott Olade -	V	Second Helicitation

POLE BUILDING FOOTING SPECIFICATIONS



Clare County Community Development Department 225 W. Main St., Harrison, Mt 48625 P.O. Box 438 · Office: 989.539.2761 Inspection Line: 989.539.2741 · Fax 989.539.7385 · www.clareco.net "Our goal is to provide a safer place to live, work and play"

FOOTING SIZES FOR POLE BUILDINGS

THIS IS FOR 1500# PER SQUARE FOOT SOIL CAPACITY

WIDTH OF		POLE SPACING FOR ONE STORY BUILDINGS										
BUILDING	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET					
16 FEET	6"X12"	6"X12"	6"X14"	6"X14"	8"X16"	8"X18"	8"X18"					
20 FEET	6"X12"	6"X12"	6"X14"	8"X16"	8"X18"	10"X20"	10"X20"					
24 FEET	6"X12"	8"X16"	8"X16"	8"X18"	10"X20"	10"X22"	10"X22"					
28 FEET	6"X12"	8"X16"	8"X18"	10"X20"	10"X22"	10"X22"	12"X24"					
32 FEET	6"X12"	8"X16"	8"X18"	10"X20"	10"X22"	12"X24"	12"X26"					
36 FEET	6"X12"	8"X18"	10"X20"	10"X22"	12"X24"	12"X26"	12"X28"					
40 FEET	6"X14"	8"X18"	10"X20"	12"X24"	12"X26"	12"X28"	12"X28"					
44 FEET	8"X16"	8"X18"	10"X22"	12"X24"	12"X26"	12"X28"	14"X30"					
48 FEET	8"X16"	10"X20"	10"X22"	12"X26"	12"X28"	14"X30"	14"X32"					
52 FEET	8"X16"	10"X20"	12"X24"	12"X26"	12"X28"	14"X30"	14"X32"					
56 FEET	8"X18"	10"X22"	12"X24"	12"X28"	14"X30"	14"X32"	16"X34"					
60 FEET	8"X18"	10"X22"	12"X26"	12"X28"	14"X30"	16"X34"	16"X36"					
64 FEET	8"X18"	10"X22"	12°X26"	12"X28"	14"X32"	16"X34"	16"X36"					

FOOTING CONCRETE

FOOTING SIZE	APPROXIMA OF REDI-M CONC		FOOTING SIZE	APPROXIMATE NUMBER OF REDI-MIX BAGS OF CONCRETE*		
	80# BAGS	50# BAGS		80# BAGS	50# BAGS	
6"X12"	₩ BAG	1 BAG	12"X26"	5 ¼ BAGS	9 BAGS	
6"X14"	1 BAG	1 ¼ BAGS	12"X28"	6 1/2 BAGS	10 1/2 BAGS	
8"X16"	1 ½ BAGS	2 ¼ BAGS	14"X30"	8 % BAGS	14 BAGS	
8"X18"	2 BAGS	3 BAGS	14"X32"	10 BAGS	15 ¼ BAGS	
10"X20"	2 ¾ BAGS	4 ½ BAGS	16"X34"	12 ¼ BAG5	20 1/2 BAGS	
10"X22"	3 1/2 BAGS	5 ½ BAGS	16"X36"	14 ¼ BAGS	23 BAGS	
12"X24"	4 ¼ BAGS	7 ¼ BAGS		NOT USED		

*Above numbers are rounded to nearest $\frac{1}{2}$ bag. 1 $\frac{1}{2}$ - 80 pound bags or 2 $\frac{1}{2}$ - 50 pound bags equal approximately 1 cubic foot of mixed concrete based on information provided by QUIKRETE® Concrete Supply Company.

CARRIER SIZES FOR POLE BUILDINGS

THIS IS FOR SPRUCE-PINE-FIR #1 OR BETTER, DRESSED LUMBER

WIDTH			DRY BUILDINGS					
OF BUILDING	4 FEET	6 FEET	8 FEET	10 FEET	12 FEET	14 FEET	16 FEET	
16 FEET	2-2"X4"	2-2"X6"	2-2"X8"	2-2"X10"	A* 2-2"X12"	C*3-2"X12"	C* 3-2"X12"	
20 FEET	2-2"X6"	2-2"X8"	2-2"X8"	2-2"X10"	A* 2-2"X 12"	C* 3-2"X12"	4-2"X12"	
24 FEET	2-2"X6"	2-2"X8"	2-2"X10"	2-2"X10"	A* 2-2"X12"	C*3-2"X12"	4-2"X12"	
28 FEET	2-2"X8"	2-2"X10"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"	Full Exploy		
32 FEET	2-2"X8"	A" 2-2"X12"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"			
36 FEET	2-2"X8"	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"	4-2"X12"			
40 FEET	2-2"X10"	B* 3-2"X10"	C* 3-2"X12"	4-2"X12"				
44 FEET	2-2"X10"	8* 3-2"X10"	4-2"X10"	4-2"X12"	Set 3			
48 FEET	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"	STATE OF STREET				
52 FEET	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"		MUST BE ENGINEERED			
56 FEET	A* 2-2"X12"	C* 3-2"X12"	4-2"X12"					
60 FEET	B* 3-2"X 10"	4-2"X10"						
64 FEET	B" 3-2"X10"	4-2"X10"						

Α*	3-2"X10" MAY BE USED INSTEAD OF 2-2"x12"	SPECIAL NOTE
8*	4-2"X8" MAY BE USED INSTEAD OF 3-2"x10"	BUILDINGS WITH POSTS SPACED 8ft. ON CENTER AND A WALL
C*.	4-2"X 10" MAY BE USED INSTEAD OF 3-2"x12"	HEIGHT BETWEEN 11ft, AND 14ft, MUST USE 6in, x 6in, POSTS.

EFFECTIVE DATE: 19 OCT 2023





PERSONAL PROPERTY.

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