

**GRANT TOWNSHIP
BUILDING INSPECTION DEPARTMENT**

**BUILDING PERMIT
APPLICATION**

Building
Permit
Number _____

NO.

NAME

**JOB
SITE
LOCATION**

NUMBER _____ STREET _____

TOWNSHIP, CITY OR VILLAGE _____

SECTION _____

Between _____ and _____
CROSS STREET CROSS STREET

Tax I.D. Number: (_____ - _____ - _____ - _____ - _____)

Recorded Plat / Condo: _____
LOT/ UNIT NO. NAME

**OWNER
INFORMATION**

NAME _____

MAILING ADDRESS _____

CITY, STATE AND ZIP CODE _____

(_____)

(_____)

TELEPHONE NUMBER _____

FAX NUMBER _____

**LICENSED BUILDER
INFORMATION**

NAME _____

LICENSE NO. _____

EXP. DATE _____

MAILING ADDRESS _____

TAX I.D. NO. _____

M.E.S.C. NO. _____

CITY, STATE, ZIP CODE _____

WORKERS COMP CARRIER _____

TELEPHONE NUMBER _____

FAX NUMBER _____

I hereby certify that the proposed work described on this application is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent. All of the information submitted on this application is accurate to the best of my knowledge.

Signature: _____ Date: _____

**HOME
OWNER
CERTIFICATION**

Section 23A of the State Construction Code Act of 1972, Act No. 230 of the Public Acts of 1972, being section 125.1523A of the Michigan Compiled Laws, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23A are subject to civil fines.

Signature: _____ Date: _____

Homeowner Permits

The Michigan Licensing Law gives the homeowner an exemption to act as the general contractor if the homeowner is building their own residence for their own personal use. This means that in the case of your own single family residence, the homeowner may act as the general contractor, even though a licensed builder may be significantly involved. This exemption does not apply to an apartment building or duplex.

Section 339.2403 of the Michigan Occupational Code state the following:

A person may engage in the business of or act in the capacity of a residential builder without having a license if the person is:

An owner of the property in reference to a structure on the property for the owner's own use and occupancy.

If the Homeowner acts as the general contractor and obtains the building permit, you should be aware of the following:

That as the permit holder, the homeowner incurs all of the liability and all of the responsibility that the licensed contractor would normally assume:

This means that:

- It will be the homeowners responsibility to correct any code violations, even if a contractor or any other person(s) did the work.
- The homeowner can be held liable for any injury which occurs on the job, whether it is to a builder's or sub-contractor's employee. The homeowner is responsible for workers compensation, all withholding taxes both for federal and state, and FICA taxes for all persons on the job.
- In the event of an occurrence beyond the builder's control- (lawsuit, etc ...), which causes the builder to be unable to complete the work, the homeowner will be legally responsible for the completion of the job.

I, _____ have read and understand the above.
Print name

Signature

Date

"Section 23a of the State Construction Code Act of 1972, Act No. 230 of the Public Acts of 1972, being section 125.1523a of the Michigan Compiled Laws, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of Section 23a are subjected to civil fines."

REQUIREMENTS FOR A NEW HOUSE BUILDING PERMIT

- | | |
|--|---|
| | -1- Well & Septic Permits |
| | -2- Drive Permit |
| | -3-Building Plans (2 sets) |
| | -4-Truss Information |
| | Truss Prints Required at Rough Inspection |
| | -5- Energy Code Compliance |
| | -6-Soil Erosion Control Permit |
| | On or Near a Lake or River |
| | -7-Zoning Approval |

REQUIRE INSPECTIONS

- | | |
|--|--|
| | -1-Footing = After Forms Are in Place |
| | -2-Bonding-Before Footing Concrete is Poured |
| | <u>All</u> New House Foundations Require |
| | Electrical Bonding (E3608.1.2) |
| | -3-Rough In - After the Trade Inspections are Done |
| | -4-Insulation -Before Drywall is Hung |
| | -5-Final-After Air Leakage Test is Completed |

C of O REQUIREMENTS

- | | |
|--|--|
| | -1- All Final Inspection Reports Turned In |
| | -2- Air Leakage Test (Blower Door) Results Turned In |
| | -3- Manual S & Manual Calcs Turned In |

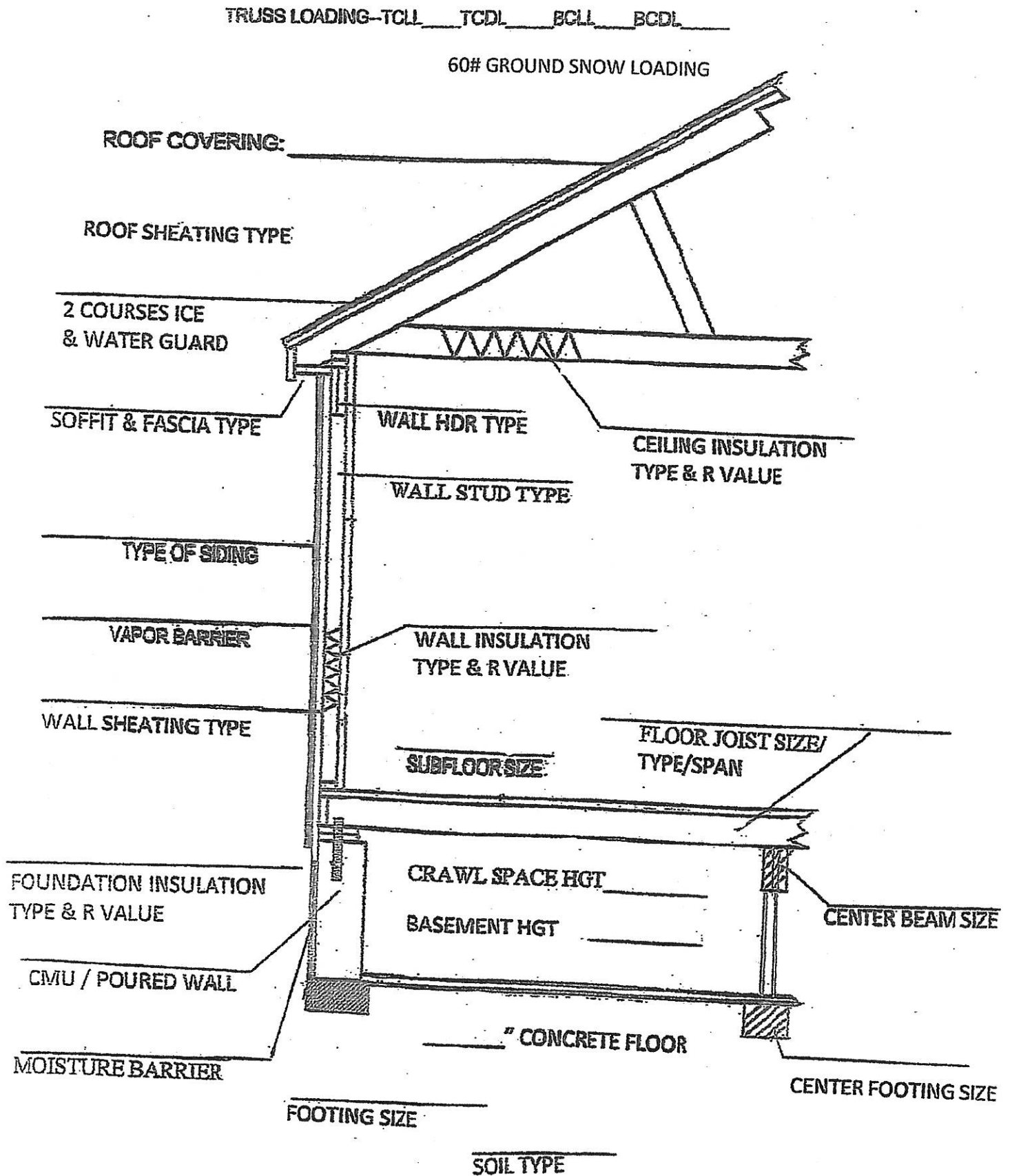
Prescriptive Compliance Method

If using the prescriptive compliance method, the prescribe values listed in the table below are the minimum insulation requirements. Indicate the proposed values of insulation for each component of the proposed structure. Please note that such components shall meet or exceed the performance of the prescribed values.

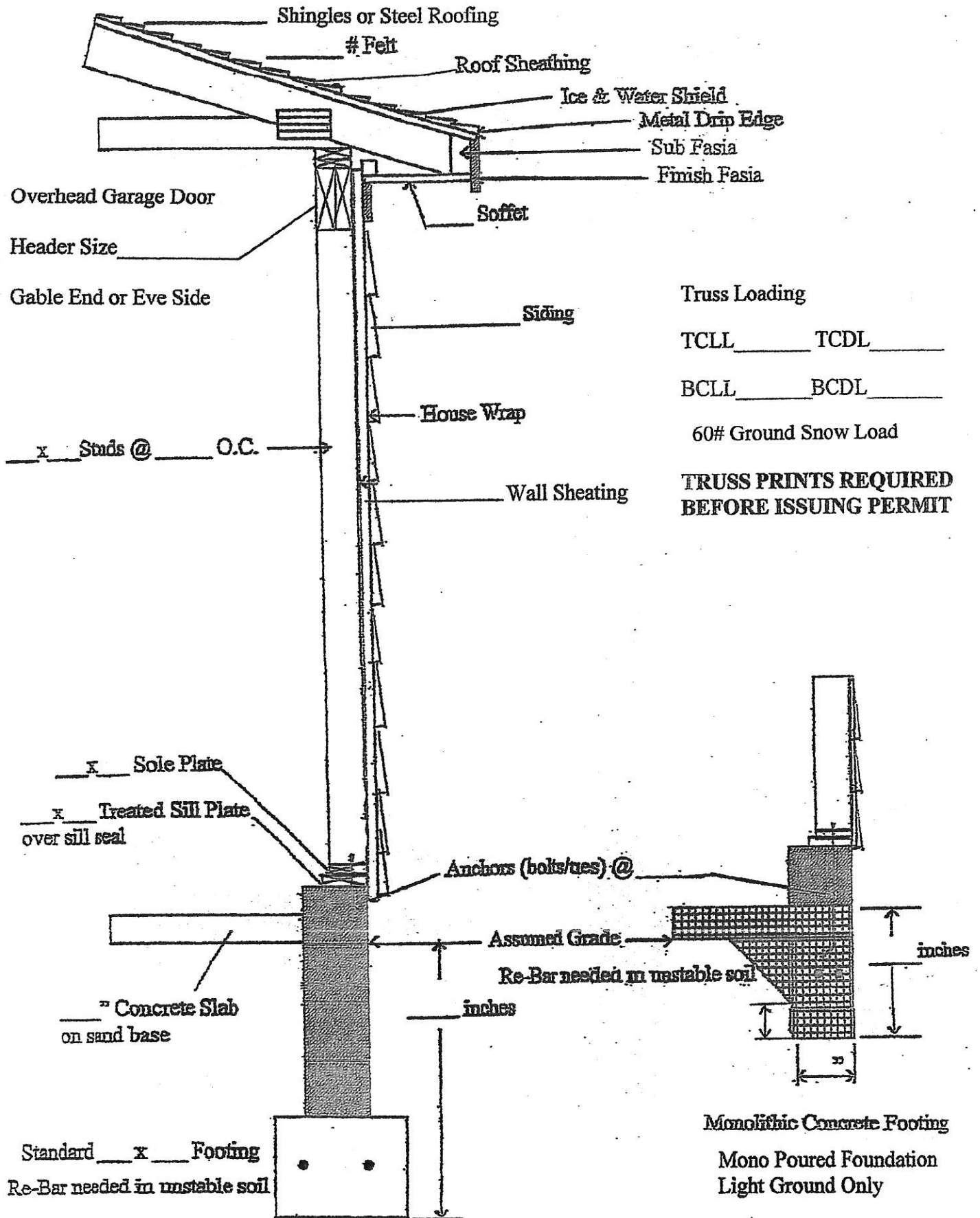
Component Description	Prescribed Value	Proposed Value	Comment
Window U-Factor	0.32		
^b Skylight U-Factor	0.55		
Ceiling R-Value	38		
Wood Frame R-Value	20 or 13+5		
^h Mass Wall R-Value	13/17		
Floor R-Value (if the basement or crawl space is not insulated)	30		
^c Basement Wall R-Value	10/13		
^e Slab R-Value/Depth	10/2 feet		
^d Crawl Space Wall R-Value	15/19		
Ducts outside building thermal envelope (i.e. attic spaces) R-Value	8		
Ducts within building but outside conditioned space (i.e. crawls spaces) R-Value	6		
Ducts within building envelope assembly, insulation placed between duct and unconditioned space R-value	8		
High-efficacy lamps in permanently installed light fixtures - Percentage	75%		
Attic access doors - Doors shall be weather-stripped and insulated to level of ceiling insulation. A wood frame or equivalent retainer is required around the access when loose fill insulation is used.			

- Typical House

HOUSE PROFILE CROSS SECTION



GARAGE



Soil Type: Sand or Clay

Agricultural Building Code Exemption

I, _____, understand that for the purpose of this exemption, the definition of AGRICULTURAL is: *"Agricultural or agricultural purpose" means of, or pertaining to, or connected with, or engaged in agriculture or tillage which is characterized by the act or business of cultivating or using land and soil for the production of crops for the use of animals or humans, and includes, but is not limited to, purposes related to agriculture, farming, dairying, pasturage, horticulture, floriculture, viticulture, and animal and poultry husbandry.*

I attest that my building will be used for and will contain: _____

Address of Structure: _____

Parcel or Tax ID Number: _____

Building Size: Length: _____ Width: _____ Height: _____

The act specifically exempts agricultural buildings from the requirement that an owner applies for and obtain a building permit. This exemption is valid as long as the building is incidental to the use for agricultural purposes of the land on which the building is located, if it is not used in the business of retail trade.

I understand and will obtain a building permit with appropriate inspections and/or documentation as required; if at any time the use of the agricultural building changes or is used in the business of retail trade.

Homeowner Signature: _____ Date _____

Please PRINT Name: _____ Phone No: _____

Address: _____

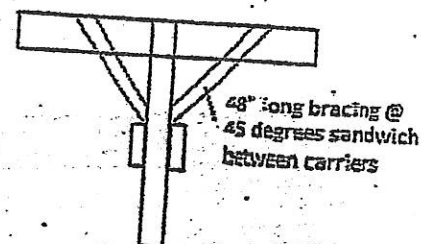
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VALIDATION – FOR DEPARTMENT USE ONLY

Approved by: _____
Code Official

Denied by: _____
Code Official

Reason for denial: _____



Wind pressure on the walls will cause the pole to bend at the ground line. "Y" **BRACING** should be provided at the eave line for buildings over 10' tall and / or for buildings over 60' long

- 1 BUILDING SIZE: _____ X _____ X _____
- 2 TRUSS LOADING: _____ TCDL; _____ TCDL
_____ BCCL; _____ BCCL
- Minimum 60# Ground Snow Load**
- Truss Bracing: See Manufacturer's Spec's**
- Truss Prints are Required Before Obtaining Permit**
- 3 POSTS: _____ X _____; _____ O.C.
- 4 POLE FOOTINGS: _____
5. TRUSS CARRIERS: _____ - _____ X _____
Material type
- 6 MAIN DOOR HEADER: _____ X _____
7. TOP & SIDE GIRTS: _____ X _____; _____ O.C.

POST SIZING

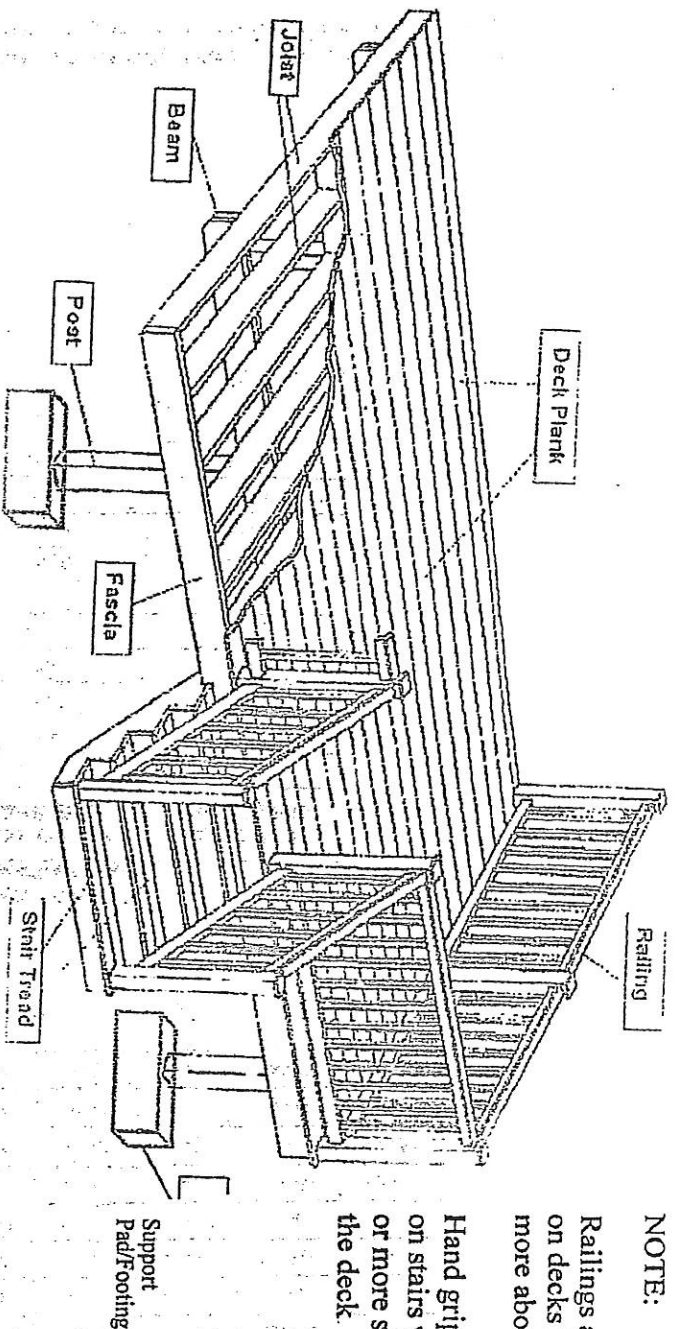
8' Walls	4 X 4's THRU 24' BLDG LENGTH
	4 x 6's OVER 24' BLDG LENGTH
10' WALLS	4 X 6's THRU 40' BLDG LENGTH
	6 X 6'S OVER 40' BLDG LENGTH
12' WALLS	6 X 6 ANY BLDG LENGTH

POLE FOOTING

24' BLDG WIDTH	16" HOLE DIAMETER	16" COOKIE ON TOP OF 80# GRAVEL MIX	OR 6" OF CONCRETE
26' BLDG WIDTH	16" HOLE DIAMETER	16" COOKIE ON TOP OF 80# GRAVEL MIX	OR 6" OF CONCRETE
30' BLDG WIDTH	18" HOLE DIAMETER	16" COOKIE ON TOP OF 80# GRAVEL MIX	OR 8" OF CONCRETE
36' BLDG WIDTH	20" HOLE DIAMETER	16" COOKIE ON TOP OF 160# GRAVEL MIX	OR 12" OF CONCRETE
40' BLDG WIDTH	24" HOLE DIAMETER	16" COOKIE ON TOP OF 160# GRAVEL MIX	OR 12" OF CONCRETE

TRUSS CARRIERS

24' BLDG WIDTH	2-2 X 12 SYP OR 2-2 X10 MSR
26' BLDG WIDTH	3-2 X 12 SYP OR 2 -2X10 MSR
30' BLDG WIDTH	3 -2 X12 SYP OR 2 -2X10 MSR
36' BLDG WIDTH	4 - 2 X12 SYP OR 3 -2X10 MSR
40' BLDG WIDTH	4 - 2 X12 SYP OR 3 -2 X10 MSR



NOTE:

Railings are required on decks 30 inches or more above grade

Hand grips are required on stairs with four (4) or more steps including the deck.

Deck Dimensions: _____ X _____ ; Height Above Grade: _____ feet

Deck Support: Free Standing _____ OR Attached to Main Structure _____

Support Pad/Footing Size: _____ ; Pad/Footing Depth Below Grade _____ inches

Support Post Size: _____ X _____ : Post Spacing _____ feet O. C.

Max Post Height: 4 X 4=6'; 4 X 6=10'; 6 X 6=12'; Over 12' Height=Must be Engineered

Support Beam Size: _____ X _____ ; Beam Span Between Posts: _____ Feet
****Beams Must be Saddled Onto Posts****

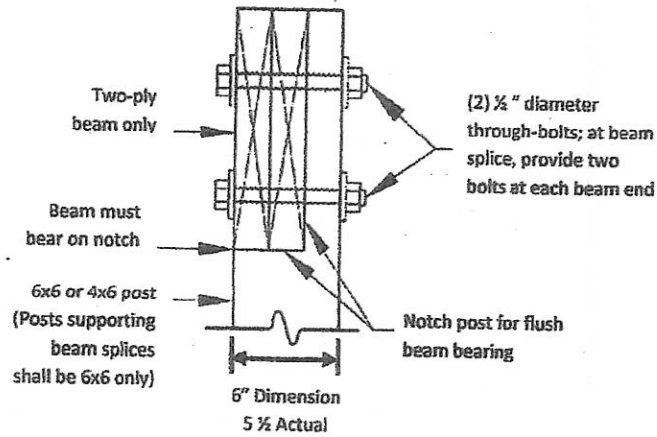
Deck Joist Size: _____ X _____ ; Deck Joist Spacing _____

Deck Planking: _____

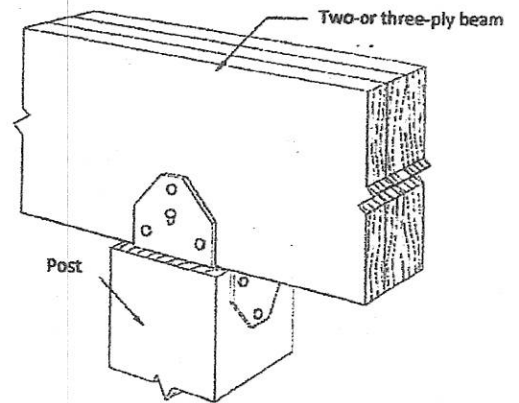
FOOTING TABLE

Deck Size	Footing Size	
< 100 sq ft	12" cookie on top of 40# gravel mix	OR 6" of concrete
100-200 sq ft	16" cookie on top of 80# gravel mix	OR 8" of concrete
> 200 sq ft	24" cookie on top of 120# gravel mix	OR 10" of concrete

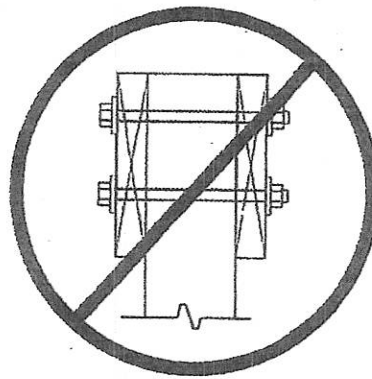
Figure 7. Post to Beam Connection



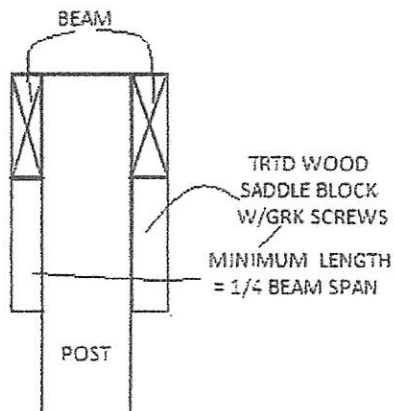
Notched Post



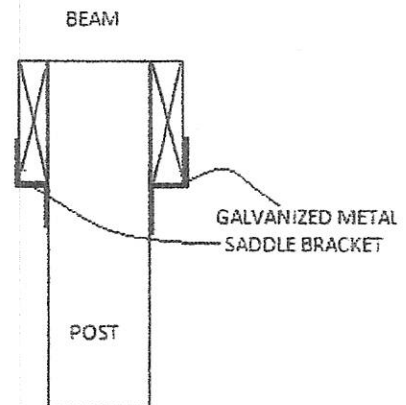
Post Cap



Prohibited Connection



TRTD WOOD SADDLE



GALVANIZED METAL SADDLE