

**REGULAR PLANNING BOARD MEETING  
City Hall - 950 Locust St., Carter Lake, Iowa  
Monday, May 9, 2016 - 7:00 P.M.**

Roll Call

Approval of the Agenda

1. Consent Agenda
  - a. Approve Planning Board Minutes – February 8, 2016
  - b. Review City Council Minutes – January 14, 2016
  - c. Review Building Permits – April, 2016
2. New Business
  - a. WH Ferer Co LLC – 2910 N 9<sup>th</sup> St – Garage
  - b. OMA Lodging LLC – Holiday Inn – Additional parking on frontage road
3. Old Business (limit discussion 5 minutes per topic)
  - a. Storm Water Committee Update
4. Special Meetings
5. Assignments
6. Comments

Adjourn

05-06-16

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City of Carter Lake  
Regular Planning Board Meeting  
Proceedings: Monday, February 8, 2016 – 7:00 pm

The meeting was called to order by Chairman Ray Pauly at 7:06pm.

Roll Call: Present – Board members Ray Pauly, Tim Podraza, Karen Fisher, Jay Gundersen, Jackie Wahl, Kathy Dueling and Ed Palandri. Also present Deputy Clerk Lisa Ruehle.  
Absent – None.

Approval of the Agenda – Moved by board member Palandri seconded by board member Gundersen to approve the agenda as presented. Ayes: Unanimous.

1. Consent Agenda

Moved by board member Podraza, seconded by board member Dueling to approve the consent agenda items. Ayes: Unanimous

2 New Business

a. A representative from the Best Western at 2510 Abbott Plaza would like permission to place two banners on the building until their new sign that is currently being made is finished. They would remove the banner that is there now that is 4 x 20. There was discussion about the banners being too big and a time frame is needed for how long is temporary. According to the ordinance a temporary banner can only be for 30 days. Moved by board member Podraza seconded by board member Dueling to approve the banners for 30 days and reduce the size to 32 square feet. Ayes: Unanimous.

b. Karen Fisher represented Lakeside Auto Recyclers and wants to put a sign on the south side of the yard attached to the fence. They are trying to acclimate drivers to go to the right area when bring in salvage. Moved by board member Gundersen seconded by board member Palandri to approve the sign as presented. Ayes: Pauly, Gundersen, Palandri, Podraza, Wahl, and Dueling. Abstain: Fisher.

c. Election of officers needs to be done for Chair, Vice Chair and City Council liaison. Some felt it was time to change it up. Currently the officers are Ray Pauly as Chair and liaison and Karen Fisher as Vice Chair. Some did not want to be Chair nor be the liaison to the City Council. Board member Podraza also stated that we need to get back into communication with the Building Inspector also. It seems we have not done that so the Planning Board doesn't know what is going on. Board member Pauly stated he will step down from his roles. Moved by board member Gundersen seconded by board member Dueling to have Tim Podraza be the Chair and Jackie Wahl be the Vice Chair and the liaison to the City Council can be on a rotation basis when it is necessary. Ayes: Unanimous.

3 Old Business – none.

4. Special meeting – none.

5. Assignments – none.

6. Comments.

Jackie Wahl felt it was a good idea to change the roles around so everyone gets involved.

Karen Fisher appreciates the capacity she has had and looks forward to continue learning.

Ray Pauly appreciates the votes of confidence in him as Chair and if we are changing then change for everything so he will not be the liaison even if he goes to the City Council meetings. He doesn't want to be the one doing it because nobody else will.

Tim Podraza stated that we have a good board and nobody thinks Ray has not done a good job we just need others to have a chance and need some change.

Ray Pauly also stated that change seems to be the theme in the City Hall building now

Kathy Dueling thanked Ray and stated that he has done a good job as liaison.

Jay Gundersen thanked Karen and Ray for their service. He also stated that we have a good board and have Carter Lake on the right track now

Ed Palandri thanked Ray and Karen for doing a great job. He also stated the we are in good hands with Tim and Jackie and it's good to have people being in different roles. He stated that we have a good board with a lot of history.

Ray Pauly asked Lisa to inform the Mayor and City Council of the changes in the Planning Board.

The meeting was adjourned at 7:40 pm.

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Lisa Ruehle, Deputy Clerk

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Ray Pauly, Chairman

CITY OF CARTER LAKE  
SPECIAL CITY COUNCIL MEETING  
PROCEEDINGS: THURSDAY, JANUARY 14, 2016 – 6:00 P.M.

The budget workshop was called to order by Mayor Gerald Waltrip at 6:00 p.m.

Roll Call: Present – Council members Paterson, Schomer, Melonis, and Corcoran. Also present Mayor Gerald Waltrip and City Clerk Doreen Mowery. Absent – Council member Cumberledge.

1. This is the first budget workshop for the year and all Department Heads have submitted their requests for fiscal year 2016-17 and were present to discuss them. Police Chief Shawn Kannedy went through his request line by line and indicated why some items have increased. There was discussion of cruiser purchases and what they have and are requesting. There are 11 full time officers plus the Chief and one part time officer and two reserve officers. The Union contract says there must be at least nine full time officers. It was also indicated that the Citizens Patrol budget that was currently under the Resource Center will now need to go into the Police Department budget. Library Director Theresa Hawkins went through her budget and indicated what items are going to be over this year and why. She also would like to change the designation on the Pottawattamie County funds so that it doesn't just say it is for books. They can use it for anything so don't want that designation. Also they are now doing the newsletter through the library so might need an amendment or something this year to cover for that. Phil Newton of the Fire Department discussed their budget proposal line by line. They would like to put in for a match for an Iowa West grant if they apply for one but want it to be there up front. There was some discussion of coats, boots, etc. Maintenance Supervisor Ron Rothmeyer indicated that there are a couple of changes to the Road Use Tax budget. They want to purchase a stump grinder and also they have added 42,000 to do the Wavecrest Park road. There was discussion of the dump trucks and the need to get a new one soon or keep increasing the vehicle maintenance budget. In the Water Utility there was basically no changes. In the Sewer Department there was little change. There was then discussion of sewer lining and we have to get up to date on those. We could do a little at a time or the whole plan at once. Ron indicated that you could save money if you did the whole thing at once although you would have to do it through a bond issue probably. It would be about a million dollar project for the whole thing. They have some money set aside each year in the CIP fund for this project. The City Clerk indicated that the Police Department needs to be painted and the following year the Parks Department and then the rest of the building the year after that. The Mayor thanked Doreen and Lisa for their work on the budget.

The meeting was adjourned at 8:00pm

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Doreen Mowery, City Clerk

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Gerald Waltrip, Mayor

2016

April

**Residential Building Permits**

Permit #	Date	Applicant	Address	Description	Permit Amount	Date Paid	Recpt. #	Value of Permit	Permit Exp. Date
R48-16	04/04/16	Phils Comfort Zone	1024 Shoal Pt	Replace Furnace	\$ 42.00	04/29/16	16064	\$ 7,000	07/04/16
R49-16	04/04/16	Jacqueline Thurman	3510 N 9th #2	Replace Siding, Roof, & Windows	\$ 57.00	04/29/16	16065	\$ 15,000	07/04/16
R50-16	04/11/16	Aksarben Htg & A/C	1301 Janbrook	Replace water Heater	\$ 25.00	04/29/16	16060	\$ 1,800	07/11/16
R51-16	04/11/16	Lakeside Homes	3510 N 9th #53	16' X 76' New MH	\$ 258.52	04/29/16	16082	\$ 46,000	10/11/16
R52-16	04/11/16	Lakeside Homes	3510 N 9th #57	16' X 76' New MH	\$ 258.52	04/29/16	16082	\$ 46,000	10/11/16
R53-16	04/11/16	Lakeside Homes	3510 N 9th #262	16' X 64' New MH	\$ 240.28	04/29/16	16082	\$ 43,000	10/11/16
R54-16	04/11/16	Lakeside Homes	3510 N 9th #263	16' X 64' New MH	\$ 240.28	04/29/16	16082	\$ 43,000	10/11/16
R55-16	04/11/16	Lakeside Homes	3510 N 9th #264	16' X 64' New MH	\$ 240.28	04/29/16	16082	\$ 43,000	10/11/16
R56-16	04/11/16	Lakeside Homes	3510 N 9th #266	16' X 64' New MH	\$ 240.28	04/29/16	16082	\$ 43,000	10/11/16
R57-16	04/11/16	Lakeside Homes	3510 N 9th #267	16' X 64' New MH	\$ 240.28	04/29/16	16082	\$ 43,000	10/11/16
R58-16	04/11/16	Lakeside Homes	3510 N 9th #284	16' X 72' New MH	\$ 252.44	04/29/16	16082	\$ 45,000	10/11/16
R59-16	04/11/16	Lakeside Homes	3510 N 9th #317	16' X 72' New MH	\$ 252.44	04/29/16	16082	\$ 45,000	10/11/16
R60-16	04/11/16	Lakeside Homes	3510 N 9th #318	16' X 72' New MH	\$ 252.44	04/29/16	16082	\$ 45,000	10/11/16
R61-16	04/12/16	A-1 United	1526 Ave N	Replace A/C	\$ 28.50	04/29/16	16056	\$ 2,200	07/12/16
R62-16	04/12/16	Bolte Construction	440 Coronado	New Laundry Room	\$ 149.00	04/29/16	16062	\$ 5,000	07/12/16
	04/12/16	Chris Auten	3510 N 9th #181	Small deck repair	\$ -			< \$500	07/12/16
R63-16	04/14/16	Leland Brugge	3510 N 9th #82	Replace Siding	\$ 13.50	04/29/16	16080	\$ 2,500	06/15/16
R64-16	04/14/16	Aksarben Htg & A/C	4305 N 13th	Replace Furnace & A/C	\$ 43.50	04/29/16	16059	\$ 4,500	07/14/16
R65-16	04/14/16	Walters Electic	910 Key Cr	New Res. Electrical	\$ 178.70	04/29/16	16058	\$ 10,000	04/14/17
R66-16	04/14/16	Jefferies Plumbing	910 Key Cr	New Res. Plumbing	\$ 118.50	04/29/16	16057	\$ 10,000	04/14/17
R67-16	04/19/16	Lawrence Crowell	1202 Willow Dr	Privacy Fence	\$ 15.00	04/29/16	16081	\$ 1,000	10/19/16
R68-16	04/29/16	Maria Newbury	3510 N 9th #277	Replace Siding	\$ 13.50			\$ 4,000	10/29/16
R68-16	04/27/16	Lakeside Homes	3510 N 9th #281	16' X 66' New MH	\$ 243.32			\$ 46,000	10/27/16
R69-16	04/27/16	Lakeside Homes	3510 N 9th #282	16' X 66' New MH	\$ 243.32			\$ 46,000	10/27/16
R70-16	04/27/16	Lakeside Homes	3510 N 9th #269	16' X 56' New MH	\$ 228.12			\$ 46,000	10/27/16
R71-16	04/27/16	Lakeside Homes	3510 N 9th #270	16' X 56' New MH	\$ 228.12			\$ 46,000	10/27/16
R72-16	04/27/16	S&W Fence	1219 Cachelin	42" Cyclone Fence	\$ 15.00	04/29/16	16060	\$ 2,000	07/27/16
R73-16	04/27/16	Burton Plumbing	1004 Locust	Sewer Repair	\$ 42.50	04/29/16	16061	\$ 8,000	05/27/16

**Commercial**

C7-16	04/11/16	Lakeside Auto Recycler:	907 E Locust	Replace Roof	\$ 484.00	04/29/16	16067	\$ 48,000	04/11/17
C8-16	04/11/16	Lakeside MHC	3510 N 9th St	Replace Windows & Doors	\$ 49.00	04/29/16	16068	\$ 2,400	10/11/16
C9-16	04/12/16	Lakeside Auto Recycler:	2813 N 13th	Sign	\$ 25.00	04/29/16	16079	\$ 1,000	07/12/16
C10-16	04/13/16	Superior Lighting	2510 Abbott Plaza	Temp. Sign	\$ 20.00	04/29/16	16078	\$ 500	06/13/16
C11-16	04/13/16	Superior Lighting	2510 Abbott Plaza	Monument Sign	\$ 145.00			\$ 12,000	06/13/16

**TOTAL: \$ 4,883.34****TOTAL: \$ 762,900**

FOR OFFICE USE: CASE# \_\_\_\_\_  
Z.B.A. Public Hearing: \_\_\_\_\_  
Signs Issued: \_\_\_\_\_/\_\_\_\_\_/by \_\_\_\_\_

Receipt # \_\_\_\_\_  
Amount \$ \_\_\_\_\_  
By \_\_\_\_\_ Date \_\_\_\_\_

APPLICATION FOR PLANNING BOARD AGENDA

1. APPLICANT: W H Forer Co LLC Phone: 712-847-0800  
Address: 2910 N 9th ST \*Status: A
2. REPRESENTED BY: Randy Harris Phone: 402-880-7552  
Address: 1014 Avenue O, Carter Lake IA
3. STREET ADDRESS/LOCATION: 2910 N 9th ST
4. LEGAL DESCRIPTION: Steele & Woods Lts 1-3 BIK 4
5. OWNERS NAME: Whitney H. Forer
6. OWNERS ADDRESS: 5102 Cass ST, Omaha NE 68132
7. REASONS FOR REQUEST AND INTENDED USES: Build Garage
8. ZONING DISTRICT: C/L
9. PRESENT USE: Administrative
10. COPY OF BLUEPRINTS OF INTENDED STRUCTURE.
11. ADMINISTRATIVE DECISION ISSUED: \_\_\_\_\_

FOR OFFICE USE

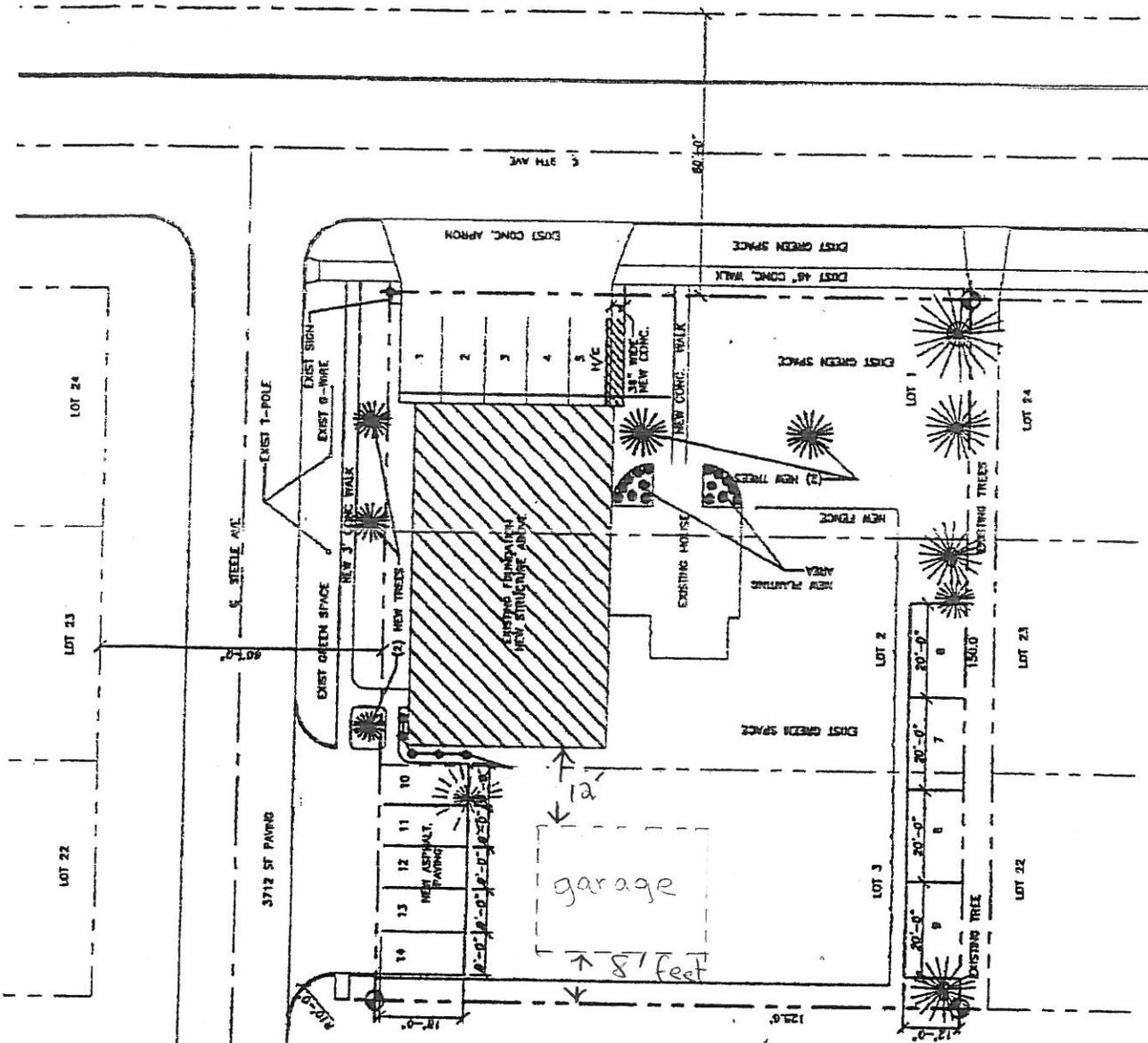
12. ATTACHED TO THE APPLICATION ARE:
- a. Denied "Building Permit Application" form..... \_\_\_\_\_
  - b. Approves..... \_\_\_\_\_
  - c. Restrictions..... \_\_\_\_\_

THE FACTS PRESENTED ABOVE ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE:

13. SIGNATURE: Randy Harris Date: 5-4-16  
TYPED OR PRINTED NAME: RANDY HARRIS \*Status: A

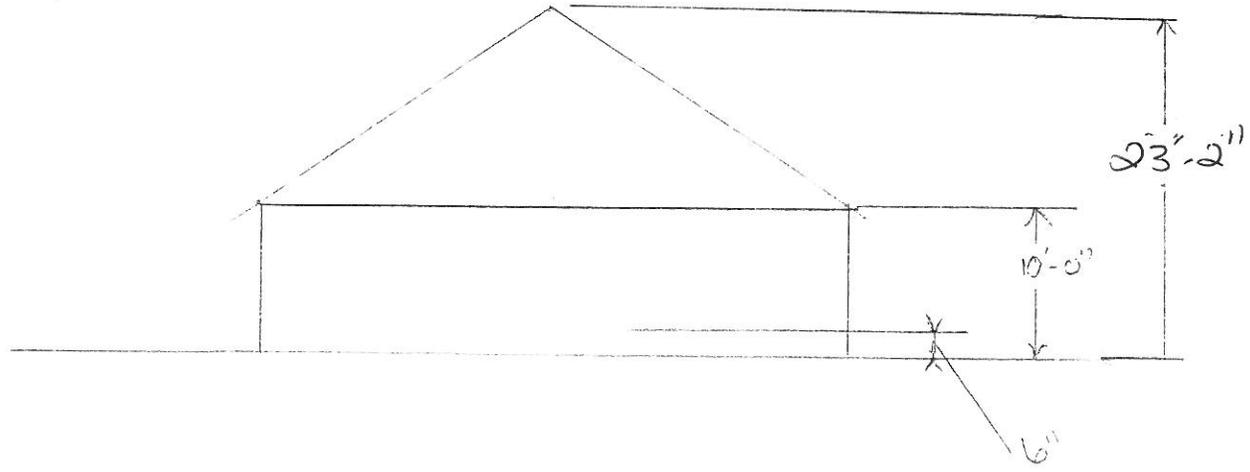
\*NOTE: P.O. = Property Owner  
O.H. = Legal Optionholder

C.P. = Contract Purchaser  
A. = Owner's authorized agent



**SITE PLAN**  
 SCALE: 1" = 40'  
 scale 1" = 40'

NAME:	Address	DATE	Scale	North
Whitney Faver	2910 North ST	4/20/16	1" = 40'	←



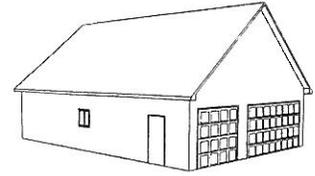
### Items Selected:

Gable room in attic roof w/ 10/12 pitch Trusses 2' O.C.  
 Truss Design Location Zip Code: 51510  
 3/4" T&G Pine RIA Floor Sheathing  
 2x12 Stair Tread - 42"  
 2x4 Wall Framing Material  
 30' Wide X 42' Deep X 10' High  
 7' 6" H x 16' W RIA Room Size  
 Vinyl Dbl 4" Lap Siding  
 - Gray  
 1/2" OSB Wall Sheathing  
 Tyvar Housewrap  
 12" gable/12" eave overhangs  
 1/2" OSB Roof Sheathing  
 Castlebrook, Antique Black Shingles  
 Slant Back Vent(Metal), Black  
 White Vinyl Soffit & Fascia  
 White Regular Roof Edge  
 2 - Garage Door Opener

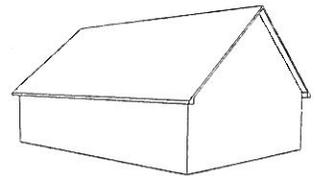
### Options Selected:

The options you have selected are:  
 Synthetic Underlayment  
 1 - 16x8 Overhead Door – Premium RP MDP38 EZ Set  
 1 - 36x36 Window – White Vinly Slider  
 1 - 9x8 Overhead Door - Insulated RP White  
 1 - 36x80 Service Door – CP1 Flush Steel LS

Front View



Back View



**Estimated base price: \$12,278.01\***

The base price includes: 0" Eave/0" Gable Overhangs, Framing Materials, 7/16 OSB Roof Sheathing, 20 yr. Fiberglass Classic - Onyx Black Shingles, Pine Fascia, Galv Regular Roof Edge, 8" Textured Vertical Hardboard Siding. All selected overhead, service and sliding doors are included. Windows and other options are NOT included.

**Estimated price: \$16,025.48\***

\*Today's estimated price, future pricing may go up or down.  
 \*Tax, labor, and delivery not included.

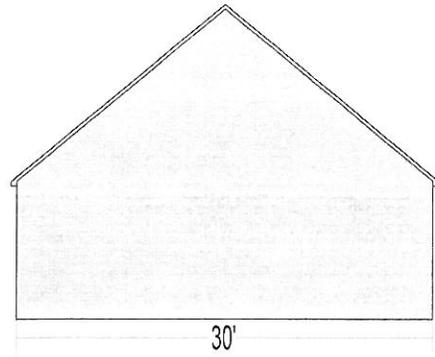
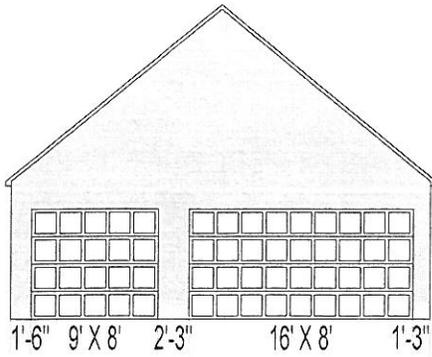
Trusses require guest pickup at the plant or jobsite delivery. Estimated price does not include jobsite delivery charge. Delivery to your jobsite must be arranged with an additional fee at the delivery desk. Please see a delivery coordinator for additional information.

\*\*\* Take this sheet to the Building Materials counter to purchase your materials. \*\*\*

Floor type (concrete, dirt, gravel) is NOT included in estimated price. The floor type is used in the calculation of materials needed. Labor, foundation, steel beams, paint, electrical, heating, plumbing, and delivery are also NOT included in estimated price. This is an estimate. It is only for general price information. This is not an offer and there can be no legally binding contract between the parties based on this estimate. The prices stated herein are subject to change depending upon the market conditions. The prices stated on this estimate are not firm for any time period unless specifically written otherwise on this form. The availability of materials is subject to inventory conditions. MENARDS IS NOT RESPONSIBLE FOR ANY LOSS INCURRED BY THE GUEST WHO RELIES ON PRICES SET FORTH HEREIN OR ON THE AVAILABILITY OF ANY MATERIALS STATED HEREIN. All information on this form, other than price, has been provided by the guest and Menards is not responsible for any errors in the information on this estimate, including but not limited to quantity, dimension and quality. Please examine this estimate carefully. MENARDS MAKES NO REPRESENTATIONS, ORAL, WRITTEN OR OTHERWISE THAT THE MATERIALS LISTED ARE SUITABLE FOR ANY PURPOSE BEING CONSIDERED BY THE GUEST BECAUSE OF THE WIDE VARIATIONS IN CODES, THERE ARE NO REPRESENTATIONS THAT THE MATERIALS LISTED HEREIN MEET YOUR CODE REQUIREMENTS. THE PLANS AND/OR DESIGNS PROVIDED ARE NOT ENGINEERED. LOCAL CODE OR ZONING REGULATIONS MAY REQUIRE SUCH STRUCTURES TO BE PROFESSIONALLY ENGINEERED AND CERTIFIED PRIOR TO CONSTRUCTION.

\*\*\* Here are the wall configurations for your design.

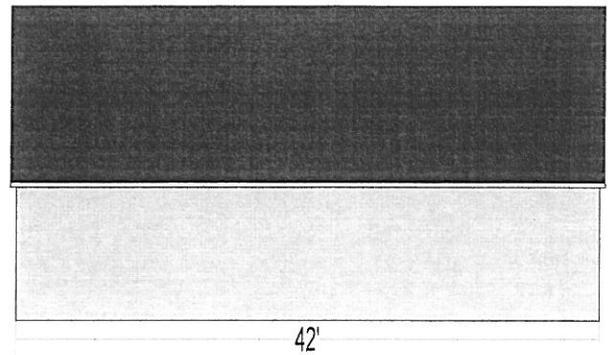
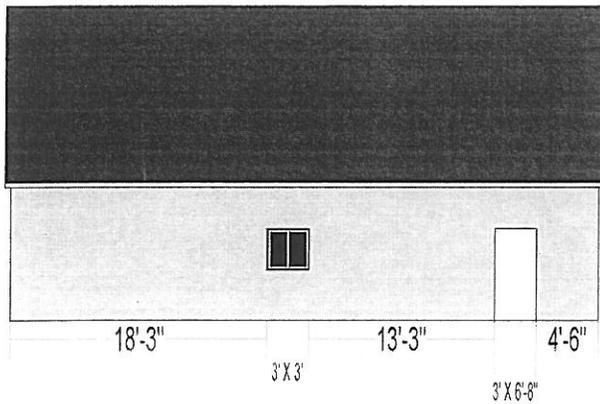
Illustration May Not Depict All Options Selected



Gable Front View

Gable Back View

{1}-  
{1}-



Eave Front View

Eave Back View

{1}-  
{1}-

Building Size: 30 feet wide X 42 feet long X 10 feet high

Approximate Peak Height: 23 feet 4 inches (280 inches)

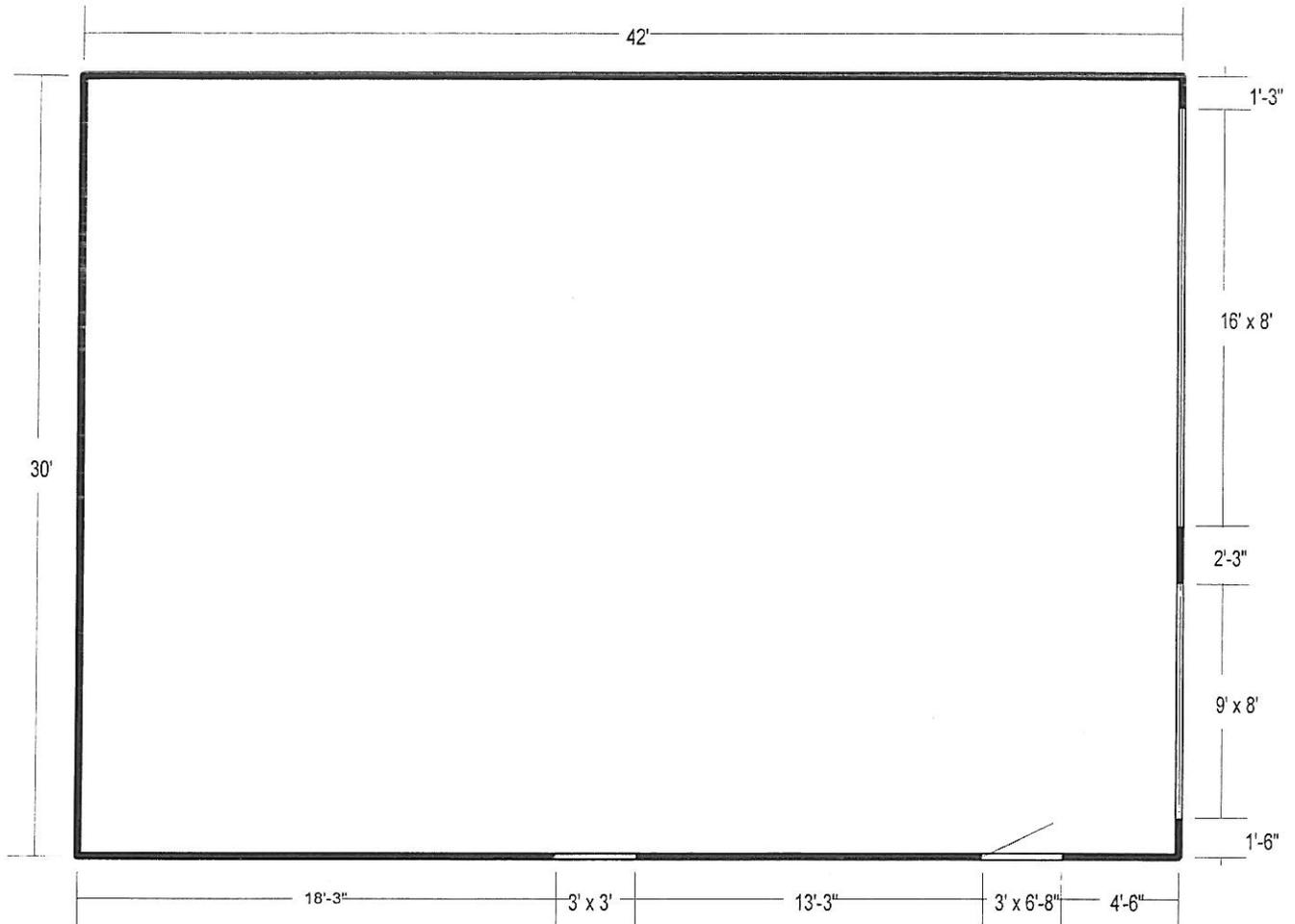
NOTE: Overhead doors may need to be "Wind Code Rated" depending on your building location.

Confirm the door requirements with your local zoning official before construction.

Menards-provided material estimates are intended as a general construction aid and have been calculated using typical construction methods. Because of the wide variability in codes and site restrictions, all final plans and material lists must be verified with your local zoning office. Menards is a supplier of construction materials and does not assume liability for design, engineering or the completeness of any material lists provided. Underground electrical, phone and gas lines should be located and marked before your building plans are finalized. Remember to use safety equipment including dust masks and sight and hearing protection during construction to ensure a positive building experience.

\*\*\* Garage Floor Plan.

Illustration May Not Depict All Options Selected



Building Size: 30 feet wide X 42 feet long X 10 feet high

Note: Wall construction is 2x4 @ 16" on center

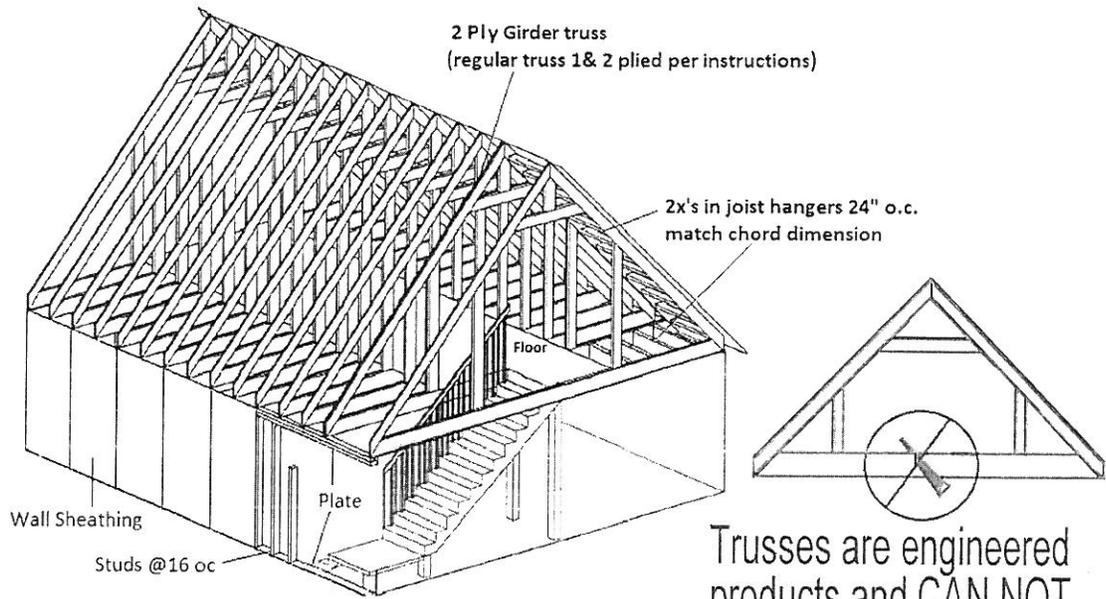


Illustration May Not Depict All Options Selected

Trusses are engineered products and **CAN NOT** be CUT, MODIFIED, or DRILLED

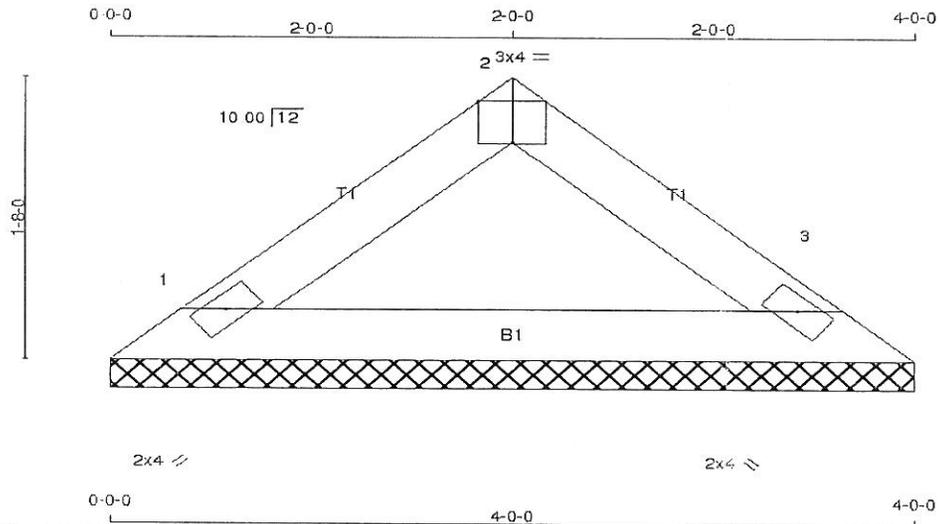
**Helpful Hints for Room In Attic Garage Construction**

- ~ Trusses can not be cut, modified, or drilled into.
- ~ Increased loading for the floor is in the attic room area only.
- ~ Trusses included in this estimate do not include overhangs.  
Material to hand frame the overhang is included in the estimate.  
Framing details for proper installation of overhangs is available.  
Additional truss designs are also available, including trusses with eave overhangs, additional room sizes and more. See a building materials team member for more information about truss design and overhang framing details.
- ~ For Stair Construction:
  1. Stairs in this estimate are located on the end of the building.
  2. Regular truss 1 is located next to regular truss 2 at approx. 48" from the building end allowing for the stair opening.
  3. Regular truss 1 and regular truss 2 must be plied together using 10d nails.  
Nailing pattern as follows: 2 rows staggered 9" on center on the top and bottom chords, 1 row 9" on center on webs.
  4. The roof area and floor area between the end truss and truss 1&2 are hand framed using lumber that matches the truss top and bottom chords.
- ~ Changing the end trusses to regular trusses may make it easier to install attic windows or to add insulation to your garage in the future. Switching to end trusses will require additional plate and stud materials.

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Midwest Manufacturing, Eau Claire, WI 54703

7/610 s Jan 29 2015 MiTek Industries, Inc Wed Dec 09 11:06:08 2015 Page 1  
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Scale = 1/16" = 1'-0"

LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL (roof)	30.0	Plate Grip DOL	1.15	TC	0.05	Vert(LL)	n/a	MT20	197/144		
Snow (Ps/Pg)	25.8/40.0	Lumber DOL	1.15	BC	0.10	Vert(TL)	n/a				
TCDL	7.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00				
BCLL	0.0	Code IRC2009/TP12007		(Matrix)							
BCDL	10.0										

**LUMBER-**  
TOP CHORD 2x4 SPF No.2  
BOT CHORD 2x4 SPF No.2

**BRACING-**  
TOP CHORD Sheathed or 4'-0" oc purlins  
BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

**REACTIONS.** (lb/size) 1=150/4'-0" (min. 0'-1'-8), 3=150/4'-0" (min. 0'-1'-8)  
Max Horz 1=-31(LC 7)  
Max Uplift 1=-10(LC 9), 3=-10(LC 10)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

**JOINT STRESS INDEX**  
1 = 0.17, 2 = 0.02 and 3 = 0.17

- NOTES-** (13)
- Unbalanced roof live loads have been considered for this design.
  - Wind: ASCE 7-05; 90mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TP1 1
  - TCLL: ASCE 7-05; Pr=30.0 psf (roof live load; Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=25.8 psf (roof snow; Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
  - Roof design snow load has been reduced to account for slope.
  - Unbalanced snow loads have been considered for this design.
  - Gable requires continuous bottom chord bearing

Continued on page 2



Midwest Manufacturing, Eau Claire, WI 54703

7 610 s Jan 29 2015 Milk Industries, Inc Wed Dec 09 11 06:08 2015 Page 2  
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**NOTES- (13)**

- 8) Gable studs spaced at 2-0-0 oc.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
- 10) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 10 lb uplift at joint 1 and 10 lb uplift at joint 3.
- 12) This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

**LOAD CASE(S)** Standard



MIDWEST MANUFACTURING, HOLIDAY CITY, OH

7:40:5 Dec 26 2012 MiTek Industries, Inc Thu Oct 31 09:39:16 2013 Page 1  
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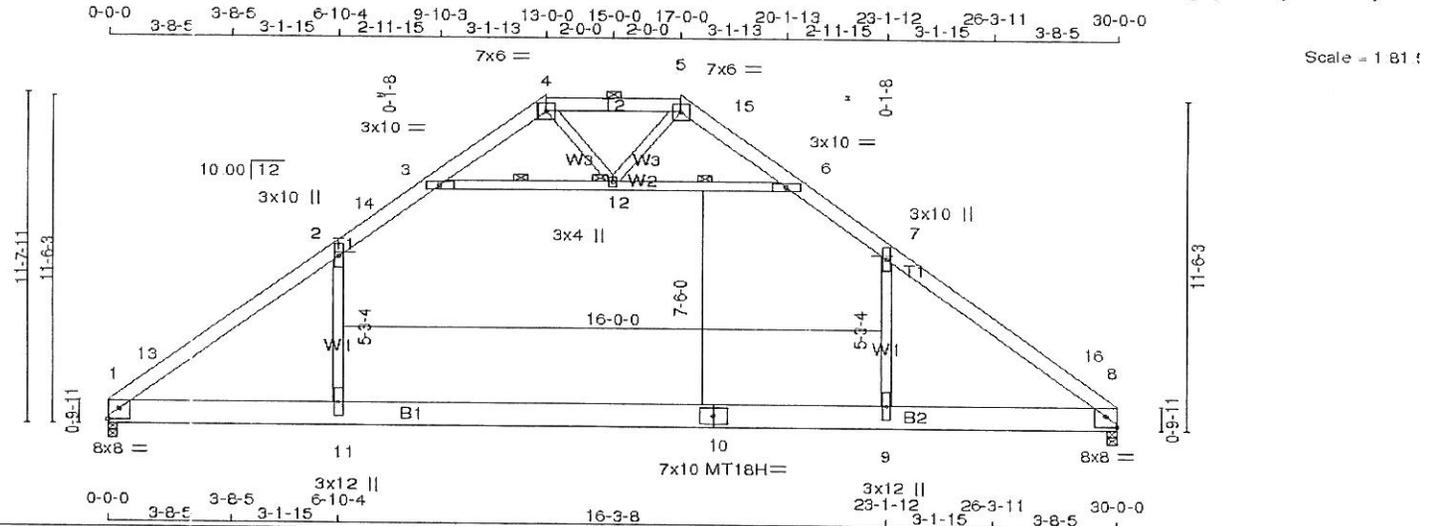


Plate Offsets (X,Y): [1,Edge,0-4-8], [8,Edge,0-4-8]

<b>LOADING</b> (psf)	<b>SPACING</b> 2-0-0	<b>CSI</b>	<b>DEFL</b> in (loc) l/defl L/d	<b>PLATES</b>	<b>GRIP</b>
TCLL (roof) 30.0	Plates Increase 1.15	TC 0.89	Vert(LL) -0.82 9-11 >434 240	MT20	197/14
Snow (Ps/Pg) 25.8/40.0**	Lumber Increase 1.15	BC 0.50	Vert(TL) -1.15 9-11 >309 180	MT18H	244/15
TCDL 7.0	Rep Stress Incr YES	WB 0.67	Horz(TL) 0.04 8 n/a n/a		
BCLL 0.0	Code IRC2009/TPI2007	(Matrix)	Attic -0.40 9-11 484 360		
BCDL 10.0				Weight: 237 lb	FT =

**LUMBER**  
 TOP CHORD 2x6 SYP 2400F 2.0E "Except"  
 T2: 2x6 SPF No.2  
 BOT CHORD 2x10 SYP 2400F 2.0E  
 WEBS 2x4 SPF Stud "Except"  
 W2: 2x4 SPF No.2

**BRACING**  
 TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except  
 2-0-0 oc purlins (10-0-0 max.): 4-5.  
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.  
 WEBS 1 Row at midpt 3-12, 6-12  
 JOINTS 1 Brace at Jt(s): 12

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

**REACTIONS** (lb/size) 1=2070/0-3-8 (min. 0-2-4), 8=2070/0-3-8 (min. 0-2-4)  
 Max Horz 1=254(LC 7)  
 Max Grav 1=2745(LC 19), 8=2745(LC 19)

**FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 1-13=-3926/0, 2-13=-3473/0, 2-14=-2589/132, 3-14=-2369/154, 3-4=-228/256,  
 5-15=-179/256, 6-7=-2589/154, 7-16=-3473/0, 8-16=-3926/0, 4-5=0/361  
 BOT CHORD 1-11=0/2571, 10-11=0/2571, 9-10=0/2571, 8-9=0/2571  
 WEBS 3-12=-2931/94, 6-12=-2931/94, 2-11=0/1443, 7-9=0/1443

**JOINT STRESS INDEX**  
 1 = 0.83, 2 = 0.47, 3 = 0.99, 4 = 0.82, 5 = 0.82, 6 = 0.99, 7 = 0.47, 8 = 0.83, 9 = 0.54, 10 = 0.98, 11 = 0.54 and 12 = 0.54

**NOTES** (14)  
 1) Unbalanced roof live loads have been considered for this design.

Continued on page 2



MIDWEST MANUFACTURING, HOLIDAY CITY, OH

7 400 s Dec 26 2012 Milltek Industries, Inc Thu Oct 31 09 39 16 2013 Page 2  
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**NOTES (14)**

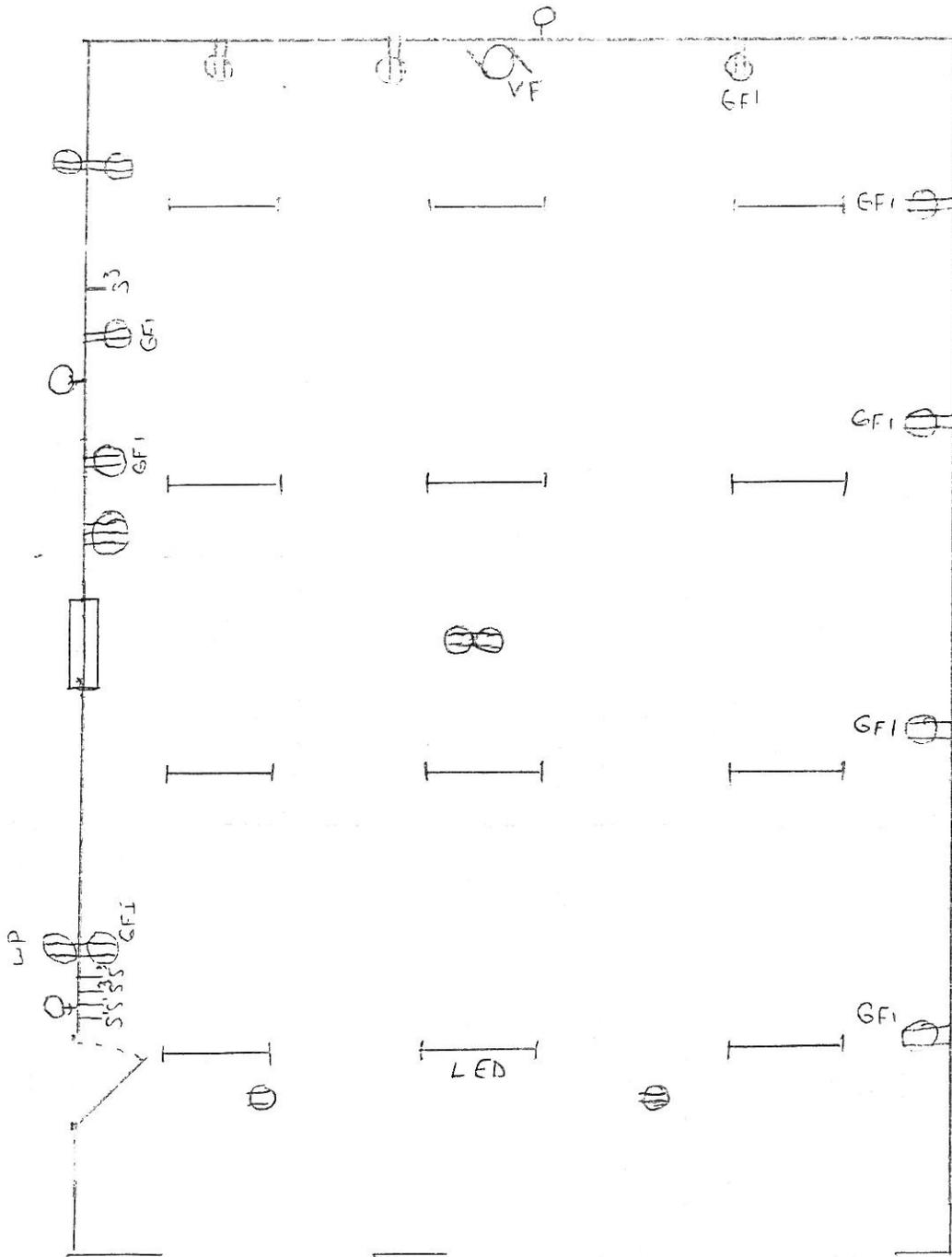
- 2) Wind: ASCE 7-05; 90mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed,C-C for members and forces & MWFRS for reactions shown, Lumber DOL=1.60 plate grip DOL=1.60
- 3) \*\* TLL: ASCE 7-05; Pr=30.0 psf (roof live load; Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps= varies (min. roof snow=25.8 psf Lumber DOL=1.15 Plate DOL=1.15) see load cases; Category II; Exp B; Fully Exp.; Ct=1.1, Lu=50-0-0
- 4) Roof design snow load has been reduced to account for slope.
- 5) Unbalanced snow loads have been considered for this design.
- 6) Provide adequate drainage to prevent water ponding.
- 7) All plates are MT20 plates unless otherwise indicated.
- 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 9) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Ceiling dead load (5.0 psf) on member(s). 2-3, 6-7, 3-12, 6-12; Wall dead load (5.0psf) on member(s).2-11, 7-9
- 11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 9-11
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 13) Attic room checked for L/360 deflection.

**LOAD CASE(S) Standard**

- 1) Snow: Lumber Increase=1.15, Plate Increase=1.15  
Uniform Loads (plf)

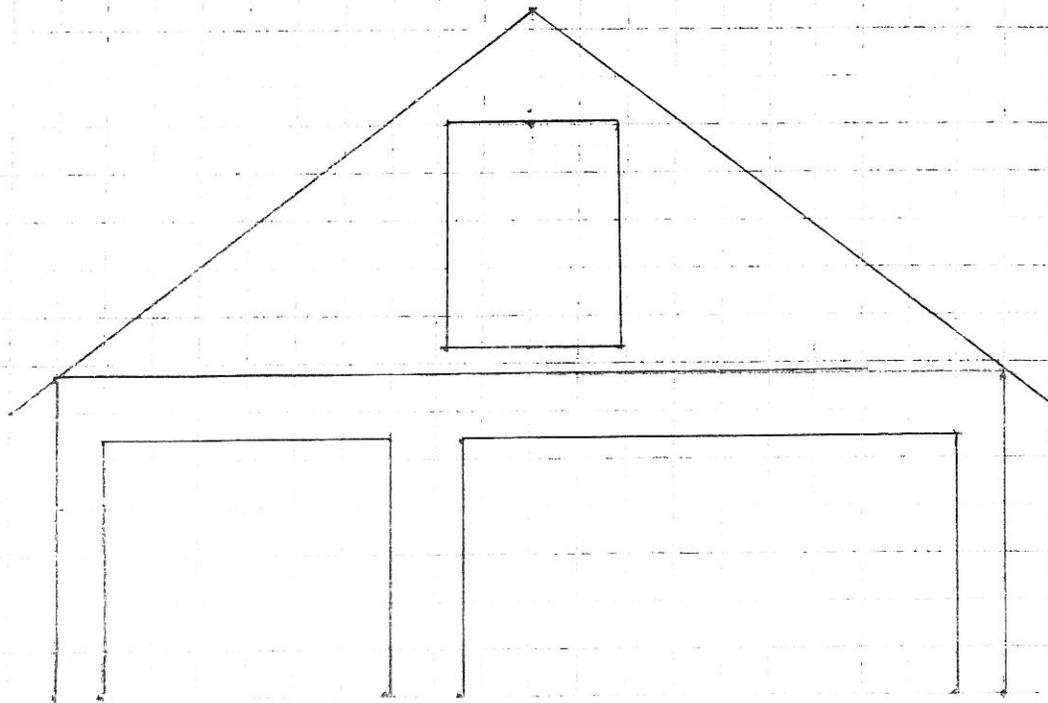
Vert: 1-11=-20, 9-11=-100, 8-9=-20, 1-2=-66, 2-3=-76, 3-4=-66, 5-6=-66, 6-7=-76, 7-8=-66, 3-6=-10, 4-5=-69  
Drag: 2-11=-10, 7-9=-10





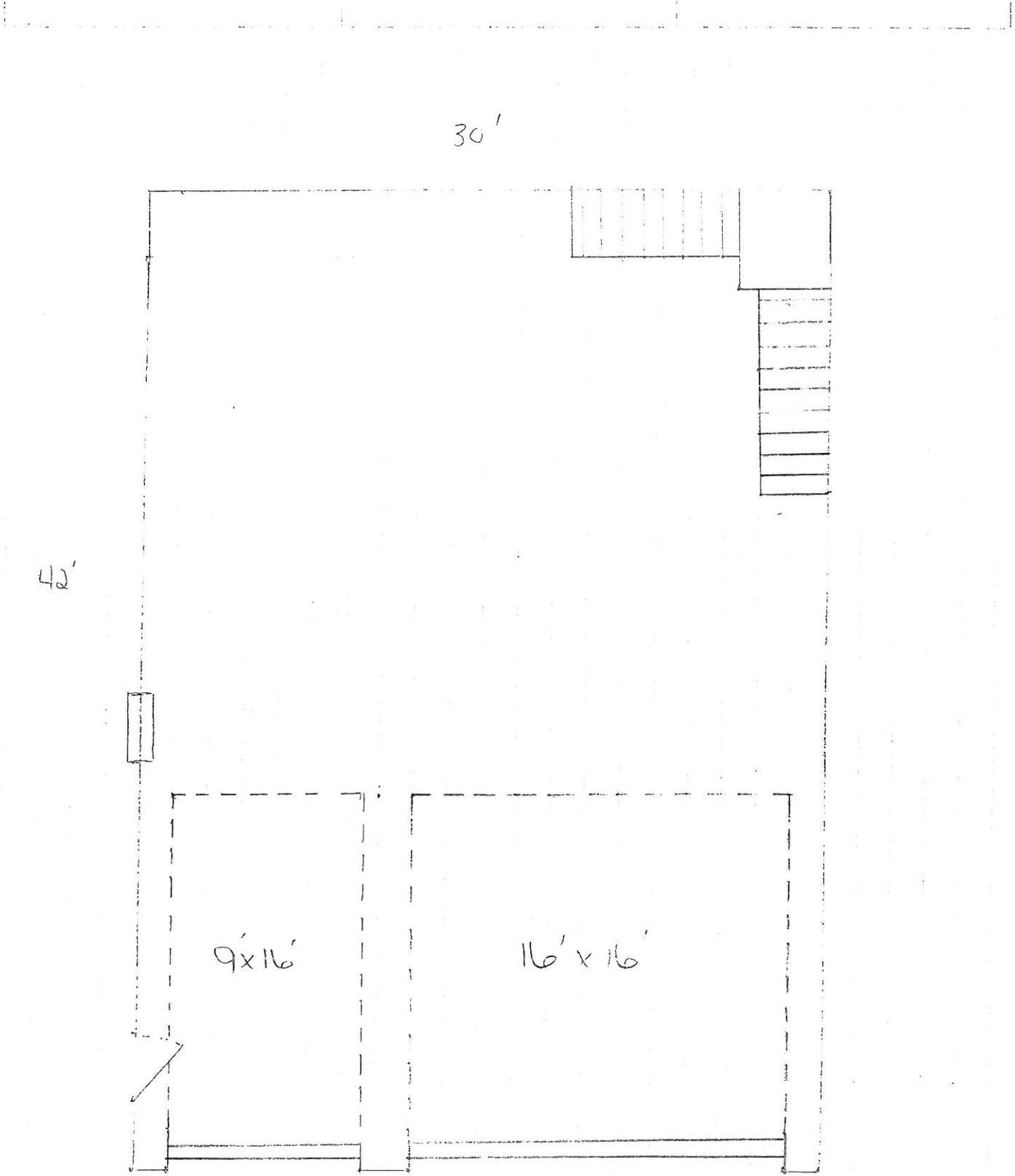
electrical - main floor

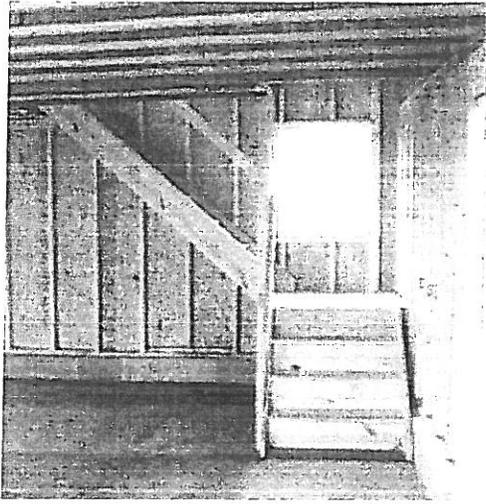
1/4 = 1 1/2 FT



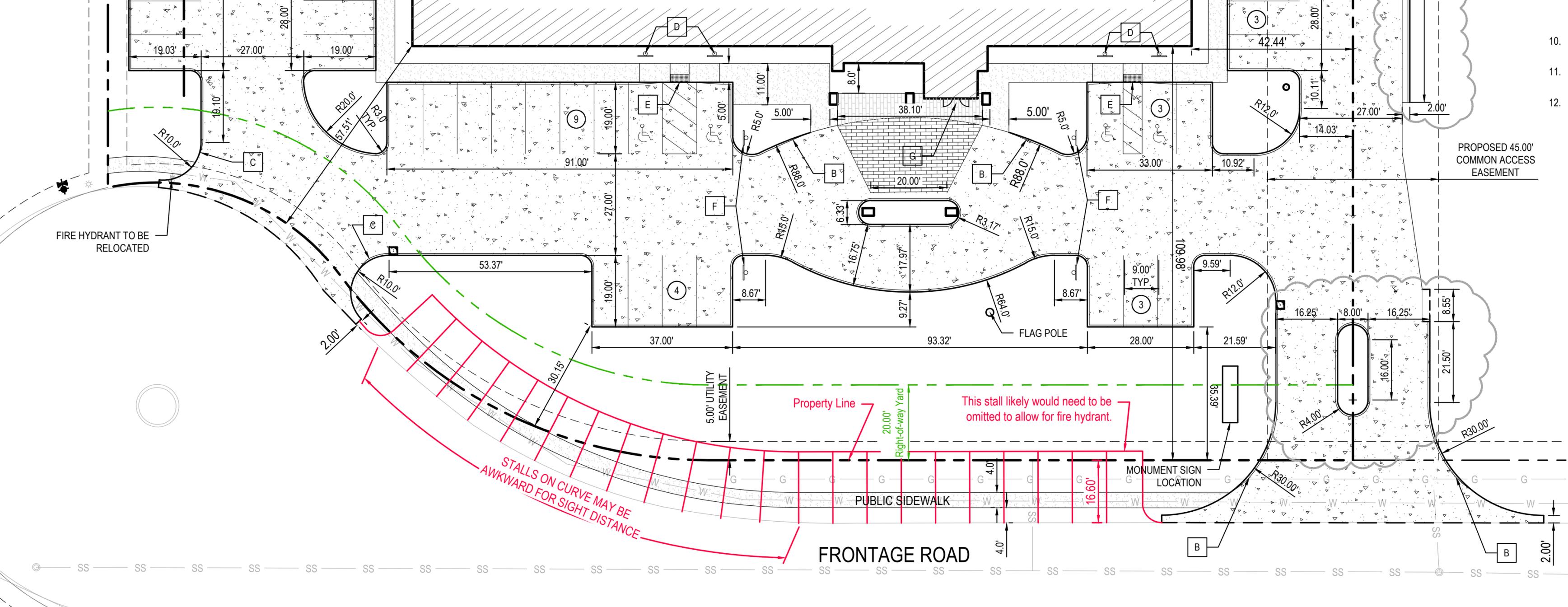
$\frac{1}{4} = 1\frac{1}{2}$  feet

FRONT









**CURB RAMP NOTES:**

1. CURB RAMPS WITH DETECTABLE WARNINGS SHALL BE CONSTRUCTED WHERE A SIDEWALK ENTERS A STREET

**PARKING CALCULATIONS**

- A DROP
- B TAPER
- C TAPER
- D INSTAL

1. Parcel Split: A subdivision of a lot or parcel of land into no more than two (2) lots or parcels nor includes new public or private streets, the extension of any public facilities, or the creation of any public improvements.
2. Parking Facility: An area on a lot and/or within a building, including one or more parking spaces, along with provision for access circulation, maneuvering, and landscaping, meeting the requirements of this Land Development Ordinance. Parking facilities include parking lots, private garages, and parking structures. Vehicle storage is a use distinct from parking. Vehicle storage is also governed by applicable provisions of Section 26, Parking Regulations.
3. Parking Lane: A lane located on the sides of streets, designated or allowing on-street parking of motor vehicles.
4. Parking Spaces: An area on a lot and/or within a building, intended for the use of temporary parking of a personal vehicle. This term is used interchangeably with "parking stall". Each parking space must have a means of access to a public street. Tandem parking stalls in single-family detached, single-family attached, and townhome residential uses shall be considered to have a means of access to a public street. Size, location and construction of parking spaces are covered by applicable provisions of Section 26 Parking Restrictions.
5. Paved: Permanently surfaced with poured concrete, concrete pavers, or asphalt.
6. Performance Bond: A surety bond or cash deposit posted by a contractor or developer made out to the city in an amount equal to the full cost of the improvements. The bond amount shall be that of the contract price and shall be legally sufficient to secure to the City that said improvements will be constructed in accordance with the terms of the contract documents within a period specified by this Chapter.
7. Permitted Use: A land use type allowed as a matter of right in a zoning district, subject only to special requirements of this Land Development Ordinance.
8. Planning Board: The Planning Board of the City of Carter Lake.
9. Planned Unit Development: A development of land that is under unified control and is planned and developed as a whole in a single development operation or programmed series of development stages. The development may include streets, circulation ways, utilities, buildings, open spaces, and other site features and improvements.
10. Plat: A document, usually a map or maps, expressing the designation or division of land into one or more lots or parcels, any one of which is ten acres or less. Plats include preliminary and final plats.
  - (a) Preliminary Plat: A plat indicating the proposed layout of a development and related information, intended for the purpose of preliminary approval by approving authorities but not for filing with the Pottawattamie County Recorder.
  - (b) Final Plat: The final map of the subdivision that is presented for Final Approval. The Final Plat contains detailed information and documentation and is designed to be filed with the County Recorder.

Zoning District Regulations

Use Matrix: Commercial (continued) and Parking Use Types

Use Types	R-1	R-2	R-3	R/CC	RM	C/L	C-1	C-2	TC	C/A	BP	M-1	M-2	Addl Reg
<b>Commercial Uses</b>														
Food Sales (General)						P	P	P	C	P	P	P	P	
Food Sales (Super markets)*						C	C	C	C	C	C	P	P	
Funeral Service			C			P	P	P		P		P	P	
Kennels*												P	P	
Laundry Services												P	P	
Liquor Sales						C	C	C	C	C	C	C	C	
Lodging*						P	P	P	P	P	P	C	C	
Personal Improvement						P	P	P	P	P	P	P	P	
Personal Services						P	P	P	P	P	P	P	P	
Pet Services						P	P	P	P	P	P	P	P	
Research Services						P	P	P	P	P	P	P	P	
Restaurants (Drive-in)*						C	C	P		P	C	C	C	
Restaurants (General)*						P	P	P	P	P	P	C	C	
Restricted Business														
Retail Services (Limited)						P	P	P	P	P	C			
Retail Services (Large)*						C	C	C	C	C	C	P	P	
Retail Services (Mass)*						C	C	C		C		P	P	
Stables*														
Surplus Sales*												C	C	
Trade Services						C	C	C				P	P	
Veh. Storage (Short- term)*												C	C	
Veterinary Services						C	C	C	C	C	C	C	C	
<b>Parking Uses</b>														
Off-Street Parking*						C	C	C	C	C	C	P	P	
Parking Structure*						C	C	C	C	C	C	P	P	

P Permitted by right or by right subject to supplemental regulations

C Permitted by Conditional Use Permit

\* Use Permitted after Site Plan Approval

Blank Use not permitted in zoning district, unless established as a lawful nonconforming use

**SECTION 26**

**PARKING REGULATIONS**

**2601 Purpose**

The Off-Street Parking Regulations require that developments provide parking in proportion to the need created by each use. The regulations further establish standards for the functional design of parking facilities. These regulations are intended to accommodate vehicles in a functionally satisfactory manner and to minimize external effects on neighboring properties.

**2602 Non-residential Off-street Parking, Loading and Unloading Ordinance**

a. At the time of major repair, replacement, construction or enlargement of a structure or enlargement of the parking surface or change in use of a structure, a hard-surfaced parking area, other than the street or public way, shall be provided for use in the parking and/or storage of passenger automobiles and commercial vehicles. Buildings or structures to be constructed or substantially altered that will receive and distribute materials by trucks, shall provide and maintain hard-surfaced off-street loading and unloading spaces in sufficient number and size to adequately handle the needs of the particular use. Minimum off-street parking space and loading and unloading requirements shall be observed in accordance with the following provisions:

1. Whenever an addition to an existing structure is proposed, all of the applicable provisions contained within this chapter regarding the number of spaces, area or usability of existing parking, loading, and unloading spaces or other areas requiring a paved surface shall be complied with.
2. With prior recommendation by the Planning Board and approval by the City Council, contractual agreements may be made between uses that generate parking and at different intervals in such a manner that the requirements of more than one use may be met by the same space, provided the parking demand for each use involved is met.

All required parking spaces shall be located a distance not to exceed four hundred (400) feet measured in a straight line from the principle entrance of the building which they are required to serve.

3. In the event several uses occupy a structure or parcel of land, the total requirements for off-street parking or loading and unloading spaces shall be the sum of the requirements of the several uses computed separately.
4. Loading or unloading spaces shall not be located in a required front yard, but they may be located within a required side or rear yard. Once designated these spaces cannot be converted to passenger car parking to satisfy parking requirements.
5. All such off-street parking lots or areas, sales lots, apron space and loading and unloading spaces shall be so drained as to prevent damage to abutting properties and/or public streets or areas.
6. All off-street parking lots and areas, sales lots and loading and unloading spaces, including entrances, exits and driveway approaches shall be constructed of hard surface concrete or hot-mix asphalt to prevent mud, dust or loose material. Asphalt grindings

*Supplemental Use Regulations, Landscaping, and Parking*

and seal coats are not acceptable surfaces. Paving standards contained in this section should be considered minimum standards. Only concrete shall be used within the public right-of-way (sidewalks and drive approaches).

7. All parking surfaces, spaces, circulation and aisles along the outer boundaries of a parking lot, vehicle entry paths, apron spaces, all driveways and other traveled areas shall be set back a minimum of five (5) feet from the property line unless a greater setback is required for approved access.
  8. Raised curb and gutter (6 inches high and a minimum of 2 feet wide) must extend all around the perimeter of the parking area and drain into storm sewers. Such curb and gutter and other interior features shall be constructed of concrete. A raised walkway or green area at least six (6) feet wide and 6 inches high must be constructed between parking lanes in which cars would otherwise be abutted. Such areas may be used to defray requirements for green space as specified in *Landscaping, Screening and Planting Standards*.
  9. When a computation of required parking spaces results in a fraction of 0.5 or greater, the requirement shall be rounded up the next whole number.
  10. No addition to an existing building shall be constructed which reduces the number of spaces, area or usability of existing parking or loading unless such building, and its addition, conform with the regulations for parking and loading contained herein.
  11. When employees or customers may occupy buildings after dusk, lighting adequate to guide and protect them during access to and egress from automobiles shall be provided. All lighting shall be arranged in such a manner as to direct the light away from neighboring residential properties and away from the vision of passing motorists and pedestrians.
  12. The use of portable curb-stops of any type is prohibited.
  13. The use of asphalt paving is not acceptable for sidewalks or fuel-dispensing areas.
- b. Design Standards, off-street parking lots and areas, sales lots, loading and unloading areas, vehicle storage facilities and residential uses other than one and two family residences shall, observe the following design guide lines:
1. General use parking and traveled areas including all required and non required parking, driveways, entrances and exits, vehicles or sales.
    - (a) Required parking and aisle widths  
Each automobile space shall be not less than one hundred seventy one square feet in area, with dimensions of nine feet by nineteen feet.

<u>Type</u>	<u>Minimum Aisle Width</u>
Two-way traffic angled parking	27'
Two way traffic perpendicular parking	27'
One-way traffic angled parking	27'
One-way traffic perpendicular parking	27'

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- (b) Parking areas must provide adequate entrance and exit driveways to connect each parking space with a street or alley open to use by the public except where vehicles are parked by attendants. One-way entrance and exit driveways shall not be less than 13' nor exceed 16' in width. Two-way entrance and exit driveways must be 24-30' in width. Driveways to accommodate semis shall be 30-40' in width.
- (c) Parking spaces including loading and unloading areas shall be located in such a way that maneuvering of vehicles to enter or exit can be accomplished entirely on private property and does not require backing into or other use of a public street or alley.
- (d) **Pavement Requirements**  
Six (6) inches of Portland cement concrete or asphalt or 4 inches of rock base with 4 inches of asphalt on a prepared sub-base or sub-grade. The standards should be considered a minimum. Actual pavement design shall be based on consideration of traffic loadings, soil support capability and material specifications.
- (e) **Layout/Markings**  
The developer/owner shall submit to the Building Inspector for review and approval a detailed and accurately scaled parking lot layout clearly showing the location of parking spaces and aisles, all conforming to said standards. Upon construction of the parking lot, the parking spaces must be marked on the parking lot surface according to the extent that those spaces are required in connection with the development. Parking aisles should be designed to reduce pedestrian-vehicular conflicts by placing them perpendicular to the structure. Handicapped parking stalls shall be designed, installed and signed as required by Chapter 18 of the Iowa Administrative Code and all ADA requirements.
- (f) **Required Green Space**  
All landscaping must conform to *Landscaping, Screening and Planting Standards of the City*.
- (g) **Screening Requirements**  
All parking lots shall be screened along the boundary of the parking lot adjacent to residential uses. This screening shall consist of a landscaped area no less than 20 ft in width, measured perpendicular to the property line. No screen is required between abutting parking lots.
- (h) **Bicycle Parking**  
(1) Any type of use that is likely to have bicycle traffic shall provide parking accommodations for bicycles as provided by Table 26-3 at a minimum:

Table 26-3: Bicycle Parking Requirements

Number of Parking Stalls	Required Bicycle Spaces
1-50	2
51-100	5
101-150	8
151-200	10
Over 200	10 + 2 additional spaces for each 50 parking stalls

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- (2) Bicycle parking facilities shall include bicycle racks secured to prevent easy removal, bicycle lockers, or bicycle posts or bollards expressly designed for the secure storage.
  - (3) The location of bicycle parking facilities shall be at least as convenient to the main entrance of the primary use as the most convenient automobile parking not reserved for use by disabled people.
  - (4) Bicycle parking should be located to prevent hazards or obstructions to the normal flow of pedestrians into a use.
- (i) Stacking Requirements for Drive-Through Services
- (1) Commercial establishments providing drive-in or drive-through services shall provide minimum on-site stacking distance as provided by Table 26-4.

Table 26-4: Off-Street Stacking Requirements

Type of Operation	Minimum Stacking Space
Financial services with drive-up tellers	3 vehicles per window or kiosk
Financial services with drive-up ATM	3 vehicles per ATM station
Self-service or automatic car wash	Entrance: 4 vehicles per bay Exit: 1 vehicle per bay
Fast food restaurant*	Behind menu board: 4 vehicles Behind first service window: 2 vehicles
Photo processing, dry cleaning, or other drive-up personal services	2 vehicles per service window
Gas stations	2 vehicles per pump
Gated parking lot, community entrance, or overhead door	1 vehicle per gate or door

Note: Minimum vehicle lane shall be 12 feet. Vehicle length=20 feet.

\*May be increased based on Site Plan review.

- (2) The City Council may reduce these requirements for specific projects, provided that the applicant can present a traffic study prepared by a professional traffic engineer demonstrating that such reduction is appropriate to the function of the project.
2. Tractor/trailer terminals, service centers, intermodal operations and open storage areas including but not limited to vehicle entry paths, apron space, all driveways and other traveled areas.
- (a) Surface Layout  
The developer shall submit to the Building Inspector for review and approval a detailed and accurately scaled hard surface layout clearly showing the location of parking spaces and aisles, truck entry paths, apron space, driveways and other traveled areas, all conforming to the codes in this Design Standards Section.
  - (b) Pavement Requirements  
Seven (7) inches of Portland cement concrete or 9 inches of asphalt or 6 inches rock base with 6 inches of asphalt on a prepared sub-base or sub-grade. The

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standards should be considered a minimum. Actual pavement design shall be based on consideration of traffic loadings, soil support capability and material specifications.

(c) Required Green Space

A minimum of twenty (20) feet of landscaped area is required between a parking lot, loading and unloading spaces and the property line. All landscaping must conform to *Landscaping, Screening and Planting Standards of the City*.

(d) Screening

All parking spaces and aisles, truck entry paths, apron spaces, driveways and other traveled areas shall be screened along the boundary adjacent to residential uses. This screening shall consist of a landscaped area no less than 20 ft in width, measured perpendicular to the property line.

c. Submission of plans. A plan drawn to scale and indicating how the off-street parking or loading and unloading requirements are to be fulfilled shall accompany an application for a building permit. Said plan shall show all elements necessary to indicate fulfillment of said requirements, inclusive of the following:

1. Delineation of individual parking and loading spaces;
2. Circulation area necessary to serve spaces;
3. Ingress and egress;
4. Material specifications and locations for paving, barriers, lighting and landscaping;
5. Dimensions, continuity, and substance of screening;
6. Grading drainage, surfacing, and subgrading details;
7. Delineation of obstacles to parking and circulation in finished parking areas;
8. Specifications as to signage;
9. Delineation of handicapped parking spaces and sidewalks;
10. An overall site plan showing lot boundaries and building and parking locations.

The parking plan must be part of the building plan and specifications and must be reviewed and approved as described in Ordinance 557.

d. Completion time for off street parking, loading and unloading areas. Required parking lots and areas, sales lots, loading and unloading areas, personal and recreational vehicle parking, truck terminals and intermodal facilities shall be improved as required and made available for use before the final inspection is completed by the Building Inspector and before issuance of a certificate of occupancy.

e. Parking spaces required. The number of off-street parking spaces required shall be no less than as set forth in the following:

<u>1. Institutional Types*:</u>	
College/Technical schools	1 space for every 3 full-time equivalent students
Cultural Service	1 space per each 500 square feet
Hospitals	1 1/2 spaces for each bed
Convalescent and nursing homes	1 space for every three beds

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Religious assembly	1 space per 6 person capacity in the main auditorium
Day care services	1 space for every six children
Schools – Elementary and Junior High	2 spaces per classroom
Schools - High School	12 spaces per classroom
<u>2. Places of Public Assembly*:</u>	
Clubs and lodges	1 space per 4 person capacity
Commercial recreation (Indoor)	1/2 space per capacity of the occupant load of the facility
Public assembly	1 space per 4 person capacity
Sports arena or auditorium	1 space per 4 person capacity
Theaters	1 space per 4 person capacity
Commercial recreation (outdoor)	Parking spaces equal to 50% of the occupant load of the facility
<u>3. Service and Retail Sales*:</u>	
Agricultural sales and service	1 space per 1,500 square feet of floor area
Automobile repair, minor	1 space per 500 square feet of floor area
Automobile repair, major	1 space per 750 square feet of floor area
Automobile service establishment	1 space per 750 square feet of floor area
Automobile sales and leasing	1 space per 500 square feet of floor area
Consumer service establishment	1 space per 200 square feet of floor area
Equipment sales and rental	1 space per 400 square feet of floor area
Financial services	1 space per 400 square feet of floor area
Funeral services	1 space per 6 person capacity
Hotels and motels	1 space per each guest room
Laundry and dry cleaning	1 space for every 150 square feet of floor area
Medical and dental offices	2 spaces for each office, examining room and treatment room
Professional offices	1 space for every 400 square feet of floor area
Restaurant, general	1 space per 3 person capacity
Restaurant, drive-in or carry-out	1 space per 3 person capacity
Retail sales, including grocery stores	1 space for every 200 square feet of floor area

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Retail sales, including bulky merchandise, household furniture, appliances	1 space for every 400 square feet of floor area
Tavern	1 space per 3 person capacity
Veterinary services	1 space for each office, examining room and treatment room
<b>4. Industrial Types:</b>	
Contractor and construction yards	1 space per employee
Laboratories and research facilities*	1 space for every 400 square feet of floor area
Printing and publishing*	1 space for every 400 square feet of floor area
Wholesale and distribution*	1 space for every 500 square feet of floor area
Manufacturing*	1 space for every 500 square feet of floor area
<u>5. Any other use</u>	As specified by the Planning Board and City Council
* Additional parking spaces for employees shall be one per each employee on the working shift that has the largest staff scheduled.	

- f. Loading spaces required. Any use that involves the receipt or distribution of freight, merchandise supplies, vehicles, or equipment as part of its typical operation shall provide and maintain adequate space for off-street loading. Loading space shall meet the following requirements:
  1. Loading and unloading berths shall each contain at least nine hundred (900) square feet measuring twelve feet in width and seventy-five feet in length, and shall have a clearance of at least fourteen feet.
  2. Off-street loading space may not be located in any required yard adjacent to a residential district.
  3. Circulation and access to loading spaces must allow maneuvering into or out of the space to occur outside of any public street or right-of-way.

**2603 Residential Off-street Parking.**

- a. At the time of major repair, replacement, construction or enlargement of a structure or major repair, replacement or enlargement of the parking surface, a hard-surfaced parking area, other than the street or public way, shall be provided for use in the storage of passenger automobiles.
- b. Parking provisions for personal vehicles. All vehicles in one, two family and multi-family residential uses shall be parked or stored in the following manner, unless otherwise permitted herein:
  1. All residential drives required and non-required parking surfaces shall be hard surfaced, i.e., concrete, asphalt or brick pavers. However, all sidewalks and driveway approaches need to be concrete.

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2. All required parking spaces shall be a minimum of two hundred square feet in area, with dimensions of ten (10) feet by twenty (20) feet.
3. **Pavement Requirements**  
Four (4) inches of Portland cement concrete or 4 inches of granular sub-base with brick pavers or use of asphalt material under current City Code and ordinances but in any event not less than 4" of asphalt shall be used. The standards should be considered a minimum. Actual pavement design shall be based on consideration of traffic loadings, soil support capability and material specifications. All asphalt overlay shall be in lifts of at least one and one-half inches (1 ½"). A permit shall be obtained prior to starting any overlay project.
4. Parking is permitted in the side yard or in the rear yard, behind the required front yard setback and must be contiguous with the primary surfaced driveway. However, this provision is not intended to prohibit the permitted parking in the driveway.
5. Parking requirements must be met without use of public right-of-way.
6. Parking requirements must be met before a certificate of occupancy is issued.
7. Driveways shall have a maximum grade of ten (10) percent. Driveways and curb cuts shall be located not less than three (3) feet from the side lot line. Curb cuts for straight curbs and the flare for rolled curbs shall be three (3) feet wider than the driveway pavement on each side. Curb cuts shall be prohibited within fifty (50) feet of an intersecting corner.

c. Parking spaces required. The number of off-street parking spaces required shall be no less than as set forth in the following:

<u>1. Residential Types:</u>	
Boarding, lodging, rooming houses, or bed and breakfasts	11/2 space for each rooming unit
Dormitories	1 space each 300 square feet of floor area
Dwelling, single-family attached and detached dwelling, townhouse	2 spaces per dwelling unit
Dwelling, two-family and multi-family	
Efficiency and 1 bedroom	2 spaces per dwelling unit
2 bedroom or more	2 spaces per dwelling unit
Government sponsored elderly housing*	1/2 space per resident
Group care home*	1/2 space per resident
Family home*	1/2 space per resident
*Additional parking spaces for employees shall be one per each employee on the working shift that has the largest staff scheduled.	

d. Parking for Personal vehicles, Recreational Vehicles, Boats and Commercial Vehicles and Equipment.

1. Applicability

*Supplemental Use Regulations, Landscaping, and Parking*

This section permits the parking of personal vehicles on a single lot in a residential district subject to specific conditions. In order to be parked in a residential area, the vehicles must be in working order and have applicable licenses and/or registrations.

- A. Personal vehicles include: passenger cars; vans; pick-up trucks; camper shells, toppers, and other similar appurtenances intended for attachment to a personal vehicle
- B. Commercial vehicles and/or equipment include but are not limited to tow trucks, semi-tractors and/or trailers, backhoes, end loaders, and similar items, of gross vehicle weight of six (6) tons or more, shall be prohibited from being parked in a residential district except as provided herein. Residents currently owning and parking commercial vehicles in excess of six (6) tons shall obtain a permit to continue parking said commercial vehicle at their primary residence in a residential area within ninety (90) days of the effective date of this Ordinance. See Section 2604 of the permitting requirements.
- C. Recreational vehicles, trailers and boats may be parked in off-street, hard surfaced areas in residential districts as provided herein.

2. Location of Parking for Personal Vehicles

- (a) Parking is permitted within any enclosed structure when such structure conforms to the regulations of its zoning district.
- (b) Parking is permitted on a paved driveway (outside of an enclosed structure) within the front yard setback, but shall in no case encroach upon the public right-of-way.

Parking may occur in the rear yard setback (outside of an enclosed structure and not on the front yard paved driveway) if the building inspector determines that such parking conforms to the provisions of the Zoning Ordinance and the parking space is provided on a paved surface connected by a paved surface to a dedicated public right-of-way and/or alley.

3. Location of Parking and Storage for Commercial Vehicles and Equipment

Parking for commercial vehicles and equipment within a residential district is subject to the following additional conditions. These conditions are in addition to those requirements for parking of personal vehicles.

- (a) Commercial vehicles and equipment must be maintained in a clean, well-kept state.
- (b) Commercial vehicles and equipment must be parked outside of required front yard and side yard setbacks.
- (c) No parts or accessories, attachments, or similar items may be stored on the residential lot, unless in an enclosed structure.
- (d) At no time shall the commercial vehicle and equipment be parked on the street or public right of way.
- (e) A special permit is obtained under Section 2605 of this Ordinance.

4. Location of Parking for Recreational Vehicles, Trailers and Boats

*Supplemental Use Regulations, Landscaping, and Parking*

Parking and storage of recreational vehicles, trailers and boats within residential districts is subject to the following additional conditions. These conditions are in addition to those requirements for parking of personal vehicles.

- (a) Recreational vehicles, trailers and boats must be maintained in a clean, well-kept state and owned by owner of the primary residence.
- (b) Recreational vehicles, trailers and boats equipped with liquefied petroleum gas containers must meet the current standards of the Interstate Commerce Commission, the United States Department of Transportation, or the American Society of Mechanical Engineers regarding use of such containers. Any valves must be closed at all times that the vehicle is not in preparation for immediate use. Leaks in containers must be repaired immediately.
- (c) Recreational vehicles and trailers may be used as temporary lodging by non-paying guests of a resident for a maximum of thirty (30) days total during any calendar year.
- (d) Recreational vehicles, trailers and boats may not be permanently connected to utility lines.
- (e) Recreational vehicles, trailers and boats may not be used for the storage of goods, materials, or equipment other than those items that pertain to the use of the vehicle.
- (f) Recreational vehicles, trailers and boats shall be parked outside of required front yard and street side yard setbacks.

**2604 Supplementary Regulations: Storage and Parking of Unlicensed or Other Vehicles.**

The storage or keeping of motor vehicles not having a properly issued current motor vehicle registration and current motor vehicle license plate properly displayed is prohibited on any lot, parcel or tract of land or part thereof, situated within the zoning jurisdiction of the City of Carter Lake, except for motor vehicles held for sale by a licensed motor vehicle dealer at his or her place of business in a zoning district that permits such use. Nothing in this provision shall be deemed to limit enforcement of storage of unlicensed or abandoned vehicles under the ordinances of the City.

**2605 Special Permitting Provisions for Otherwise Prohibited Commercial Parking.**

Subject to compliance with Section 2603 of the City Code, a Special Parking Permit will be issued to individuals that have, at the time this ordinance was enacted, routinely parked commercial vehicles at their primary residence in residential zones and have obtained a permit as provided herein within ninety (90) days of the enactment of the Ordinance. The Special Parking Permits are issued to the qualified individuals at their primary residence and are not in any way attached to the ownership of the land. If a qualified individual moves from their current address, the Special Parking Permit allows the individual to park commercial vehicles at their new address subject to compliance with this Section and Section 2603 of the City Code. No more than two commercial vehicles and/or equipment may be permitted at any one location, regardless of ownership. In other words, whether the commercial vehicle and/or equipment is leased, owned by a corporation, partnership, spouse, etc., only two items will be allowed on any residential premises regardless of the underlying ordinance. When the owner of the primary residence dies, no permit shall be renewed for that vehicle and/or equipment. Further, when the vehicle or equipment is disposed of and not immediately replaced, no further permits shall be issued. A replacement of the items will be allowed upon return of the permit to the City for the item being replaced and the replacement be obtained within ten (10) days.

*Supplemental Use Regulations, Landscaping, and Parking*

Special Parking Permits under this section will be issued by the City Clerk upon application by the qualified individual and the payment of an annual fee of \$20.00 per vehicle to be parked under permission of the permit. The Special Parking Permit must be displayed on each vehicle. Application for the Special Parking Permit shall be considered as the granting of consent for the City Police Officers to come upon the property and inspect the commercial vehicles for the required Special Parking Permit.

In addition, the party seeking the Special Parking Permit shall be subject to the following:

- a. This parking of commercial vehicles is accessory to the applicant's use of the property.
- b. All required parking in any residential district shall be outside of the required front yard.
- c. All required parking in any residential district shall be off-street parking.
- d. The parking is intended for the permit holder's vehicles only.
- e. All parking areas established shall be paved and maintained by the permit holder.
- f. All repairs to said commercial vehicles and equipment shall be completed within seven days or conducted in an enclosed garage.
- g. All accessories to the commercial vehicles and equipment shall be neatly stored in an enclosed garage.
- h. No salvage vehicles or equipment may be stored on the premises unless completely stored in an enclosed garage.
- i. The permit holder shall not stockpile materials on the property.

**2606 Violations and penalties.** Any person found guilty of a violation of any of the provisions of this chapter shall be subject to the penalty provided by Chapter 8 of the City Code. Each day that a violation is allowed to continue shall constitute a separate violation of the provisions of this section and may be pursued as a municipal infraction according to Chapter 8 of the City Code.