City of Napoleon, Ohio

Zoning Department

255 West Riverview Avenue, P.O. Box 151
Napoleon, OH 43545
Mark B. Spiess, Senior Engineering Technician / Zoning Administrator
Telephone: (419) 592-4010 Fax: (419) 599-8393
www.napoleonohio.com

RESIDENTIAL ZONING PERMIT

Issued Date: July 5, 2019

Expiration Date: July 5, 2020

Permit Number: P-19-173

Job Location: 221 E. Barnes Ave.

Owner: Grant Douglas Adkins
221 E. Barnes Ave.
Napoleon, Ohio 43545

Contractor: Schuette Construction
419-705-9524

Zone: R-2 Low Density Residential

Set Backs: Accessory Building

Front: 50 Rear: 10 Side: 7

Comments:
Build New Garage on Existing Foundation

Permit Type: Zoning

Fee: $25.00

Status: Paid

Amount Due: $0.00

Mark B. Spiess
Sr. Eng. Tech/Zoning Admin.

City of Napoleon, Ohio

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grant.chevyguy@gmail.com

P-19-173

Residential Zoning Permit Application

Date 7/5/19 **Job Location** 221 E. BARNES AVE. NAPOLEON OH 43545

Owner GRANT ADKINS **Telephone #** 419-966-2855

Owner Address 221 E. BARNES AVE. NAPOLEON, OH 43545

Contractor SCHUETTE CONSTRUCTION **Cell Phone #** 419-705-9524

Description of Work to be Performed BUILD NEW GARAGE ON EXISTING FOUND.

Estimated Completion Date SEPT. 2019 **Estimated Cost** $30,000.00

Demo Permit - $100.00 – See Separate Form		(MDEMO 100.1700.46690)	$
Zoning Permit - $25.00		(MZON 100.1700.46690)	$
Fence/Pool/Deck - $25.00		(MZON 100.1700.46690)	$
Accessory Building Under 200 SF (Detached) - $25.00		(MZON 100.1700.46690)	$
Driveway/Sidewalk/Curbing/Patio - $0.00		(MZON 100.1700.46690)	$
Drainage Permit/Outside Water/Sewer Repair - $0.00		(MBLDG 510.0000.44730)	$
1" Water Tap, 5/8" Meter, Copper Setter and Transmitter - $1,200.00	(Outside City - $5,680)	(MBLDG 510.0000.44730)	$
1" Water Tap, 3/4" Meter, Copper Setter and Transmitter - $1,300.00	(Outside City - $5,820)	(MBLDG 510.0000.44730)	$
1" Water Tap, 1" Meter, Copper Setter and Transmitter - $1,400.00	(Outside City – $5,960)	(MBLDG 510.0000.44730)	$
1" Meter, Copper Setter and Transmitter Without Tap - $525.00		(MBLDG 510.0000.44730)	$
3/4" Meter, Copper Setter and Transmitter Without Tap - $440.87		(MBLDG 510.0000.44730)	$
5/8" Meter, Copper Setter and Transmitter Without Tap - $350.00		(MBLDG 510.0000.44730)	$
Sewer Tap For Lots 7,200 Sq. Ft. Or Less - $0.00		(MBLDG 520.0000.44830)	$
Sewer Tap For Lots (Single Family) 7,201 To 12,199 Sq. Ft. (	x $0.012)	(MBLDG 520.0000.44830)	$
Sewer Tap For Lots (Single Family) 12,200 Sq. Ft. or Greater - $60.00		(MBLDG 520.000.44830)	$
Sewer Tap For Lots (Two Family) 7,201 to 23,866 Sq. Ft. (	x$0.012)	(MBLDG 520.0000.44830)	$
Sewer Tap For Lots (Two Family) 23,867 Sq. Ft. or Greater - $200.00		(MBLDG 520.0000.44830)	$
Sewer Tap For Lots (Three Family) 7,201 to 36,366 Sq. Ft. (	x$0.012)	(MBLDG 520.0000.44830)	$
Sewer Tap For Lots (Three Family) 36,367 Sq. Ft. or Greater - $350.00		(MBLDG 520.0000.44830)	$
Sewer Tap Inspection Fee For Single Family or Duplex - $60.00		(MBLDG 520.0000.44830)	$
Inspection Fee Outside the Corporation Limits - Increase 50%		(MBLDG 520.0000.44830)	$
		TOTAL FEE:	$

I FULLY UNDERSTAND THAT NO EXCAVATION, CONSTRUCTION OR STRUCTURAL ALTERATION, ELECTRICAL OR MECHANICAL INSTALLATION OR ALTERATION OF ANY BUILDING STRUCTURE, SIGN, OR PART THEREOF AND NO USE OF THE ABOVE SHALL BE UNDERTAKEN OR PERFORMED UNTIL THE PERMIT APPLIED FOR HEREIN HAS BEEN APPROVED AND ISSUED BY THE CITY OF NAPOLEON ZONING DEPARTMENT.

I hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record and that I have been authorized by the Owner to make this application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, if a permit for Work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit.

I HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY UNDERSTAND THE ABOVE LISTED INSTRUCTIONS.

SIGNATURE OF APPLICANT: Grant D. Adkins **DATE:** 8/26/19

BATCH # 11791 **CHECK #** 305 **DATE** 8-26-2019

DE
DANSCO ENGINEERING, LLC

P.O. Box 3400
Apollo Beach, FL 33572
Telephone (813) 645-0166
Facsimile (813) 645-9698

The truss drawing(s) attached have been prepared by Dansco Engineering, LLC under my direct supervision and control based on the parameters provided by **Stark Truss Inc.**

S
Drawings For Schuette Const
Grant Job

Job: 1903982-05T

2 truss design(s)

67299-W1

6/28/19

Samuel A. Greenberg, P.E.
Ohio Reg. #59715
COA: 02356

Note: Gable end frames with stud lengths exceeding 4' require permanent bracing. On structural gables, where studs may be made from two or more boards as they cross diagonals, the 4' length is the distance from the top chord to bottom chord.

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI 1-2007 Chapter 2. Further, the attached truss designs comply with the letter and intent of the 2013 Ohio Residential Building Code (ORBC).

Warning !—Verify design parameters and read notes before use.
These designs are based only upon parameters shown, and are for individual building components to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

Job	Truss	Truss Type	Qty	Ply	GRANT ** FULTON 1903982-05T RML
1903982-05T	A	FINK	17	1	**DE Job# 67299-W1**

Stark Truss Company, Inc., Edgerton, OH — Job Reference (optional)

8.310 s May 22 2019 MiTek Industries, Inc. Wed Jun 26 10:09:07 2019 Page 1

ID:v5nXUELegFAE1mshOtPwT7z2SgO-1sbsnViScTyzeN8S8AyyhSfs3Q1H9VhurM54eTz2Sfw

-1-0-0	5-10-14	11-0-0	16-1-2	22-0-0	23-0-0
1-0-0	5-10-14	5-1-2	5-1-2	5-10-14	1-0-0

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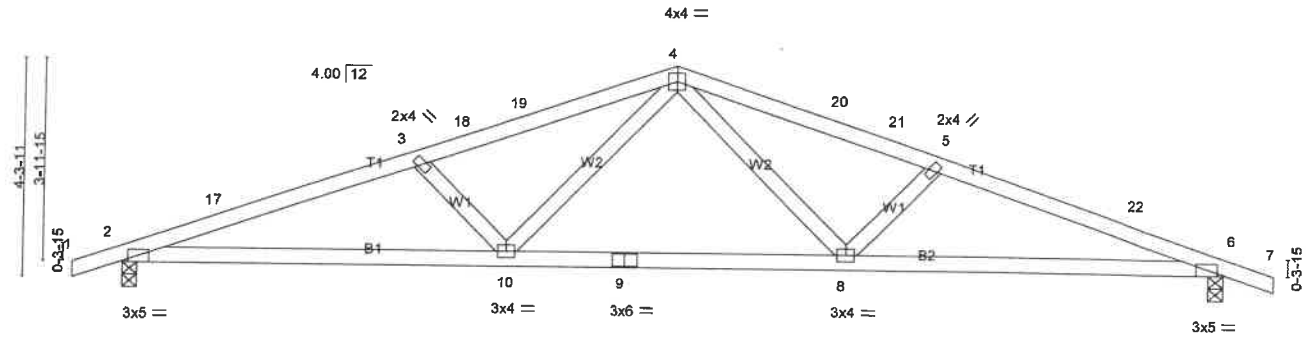


7-7-4	14-4-12	22-0-0
7-7-4	6-9-8	7-7-4

Plate Offsets (X,Y)-- [2:0-1-6,Edge], [6:0-1-6,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.13	8-10	>999	360	MT20	197/144
Snow (Pf/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.58	Vert(TL)	-0.31	8-10	>849	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.25	Horz(TL)	0.07	6	n/a	n/a		
BCLL	0.0	Code OHIORC13/TPI2007		Matrix-MSH							Weight: 71 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

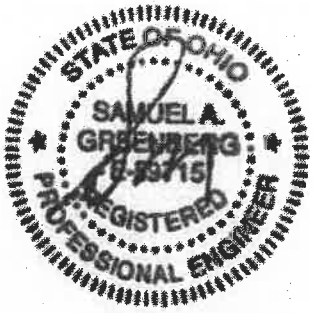
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer installation guide.

REACTIONS. (lb/size) 2=1060/0-3-8 (min. 0-1-11), 6=1060/0-3-8 (min. 0-1-11)
Max Horz 2=-60(LC 9)
Max Uplift2=-203(LC 10), 6=-203(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-17=-2187/345, 3-17=-2132/362, 3-18=-1920/284, 18-19=-1871/290, 4-19=-1860/302, 4-20=-1860/302, 20-21=-1871/291, 5-21=-1920/284, 5-22=-2132/363, 6-22=-2187/346
BOT CHORD 2-10=-328/2023, 9-10=-141/1384, 8-9=-141/1384, 6-8=-271/2023
WEBS 3-10=-401/194, 4-10=-82/585, 4-8=-82/585, 5-8=-401/194

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 11-0-0, Exterior(2) 11-0-0 to 14-0-0, Interior(1) 14-0-0 to 23-0-0 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) TCLL: ASCE 7-05; Pr=25.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=25.0 psf (ground snow); Pf=19.3 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 19.3 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=203, 6=203.

LOAD CASE(S) Standard



Dansco Engineering, LLC
COA: 02356
Date: 6/28/19

WARNING – VERIFY DESIGN PARAMETERS AND READ NOTES BEFORE FABRICATION AND INSTALLATION!!!
This truss design is adequate for the design parameters shown. Review and approval of design parameters is the responsibility of the building designer, not the truss designer or truss engineer. Permanent bracing requirements against out-of-plane buckling are noted/shown for individual truss members (and for the truss as a whole) subjected to gravity and wind loads. Additional permanent bracing design shall be the responsibility of the design professional of record. Temporary and erection bracing shall be the responsibility of the contractor. Reference ANSI/TPI-1, "National Design Standard for Metal Plate Connected Wood Truss Construction" and TPI/WTCA BCSI-06, "Building Component Safety Information Guide to Good Practice for Handling, Installing, Restraining and Bracing of Metal Plate Connected Wood Trusses" for additional information.

Job	Truss	Truss Type	Qty	Ply	GRANT ** FULTON 1903982-05T RML
1903982-05T	AGE	GABLE	2	1	**DE Job# 67299-W1**

Stark Truss Company, Inc., Edgerton, OH — Job Reference (optional)

8.310 s May 22 2019 MiTek Industries, Inc. Wed Jun 26 10:09:08 2019 Page 1
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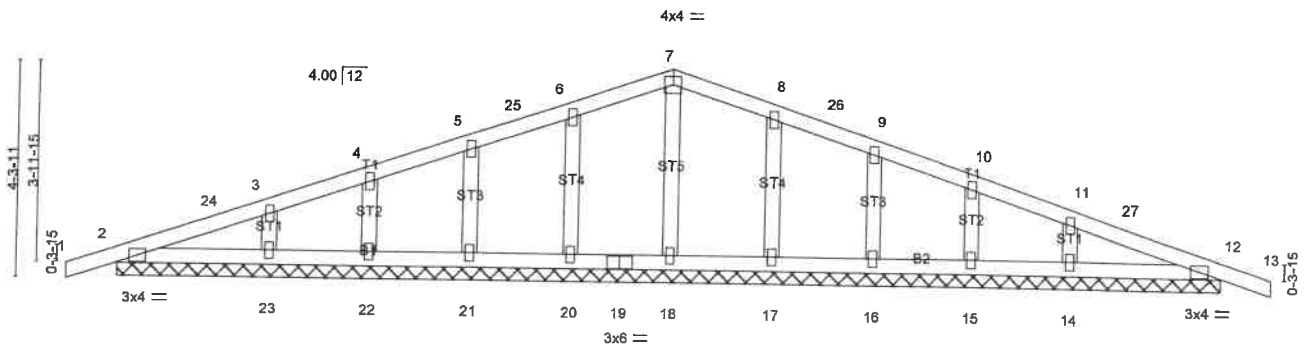
-1-0-0 / 1-0-0 | 11-0-0 / 11-0-0 | 22-0-0 / 11-0-0 | 23-0-0 / 1-0-0

Scale = 1:39.3



22-0-0 / 22-0-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.09	Vert(LL)	0.00	12	n/r	180	MT20	197/144
Snow (Pf/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.05	Vert(TL)	0.00	13	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.05	Horz(TL)	0.00	12	n/a	n/a		
BCLL	0.0	Code OHIORC13/TPI2007		Matrix-SH							Weight: 74 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SPF No.2
BOT CHORD 2x4 SPF No.2
OTHERS 2x4 SPF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

REACTIONS. All bearings 22-0-0.
(lb) - Max Horz 2=-60(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 2, 12, 20, 21, 22, 23, 17, 16, 15, 14
Max Grav All reactions 250 lb or less at joint(s) 2, 12, 18, 20, 21, 22, 17, 16, 15 except 23=256(LC 15), 14=256(LC 16)

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

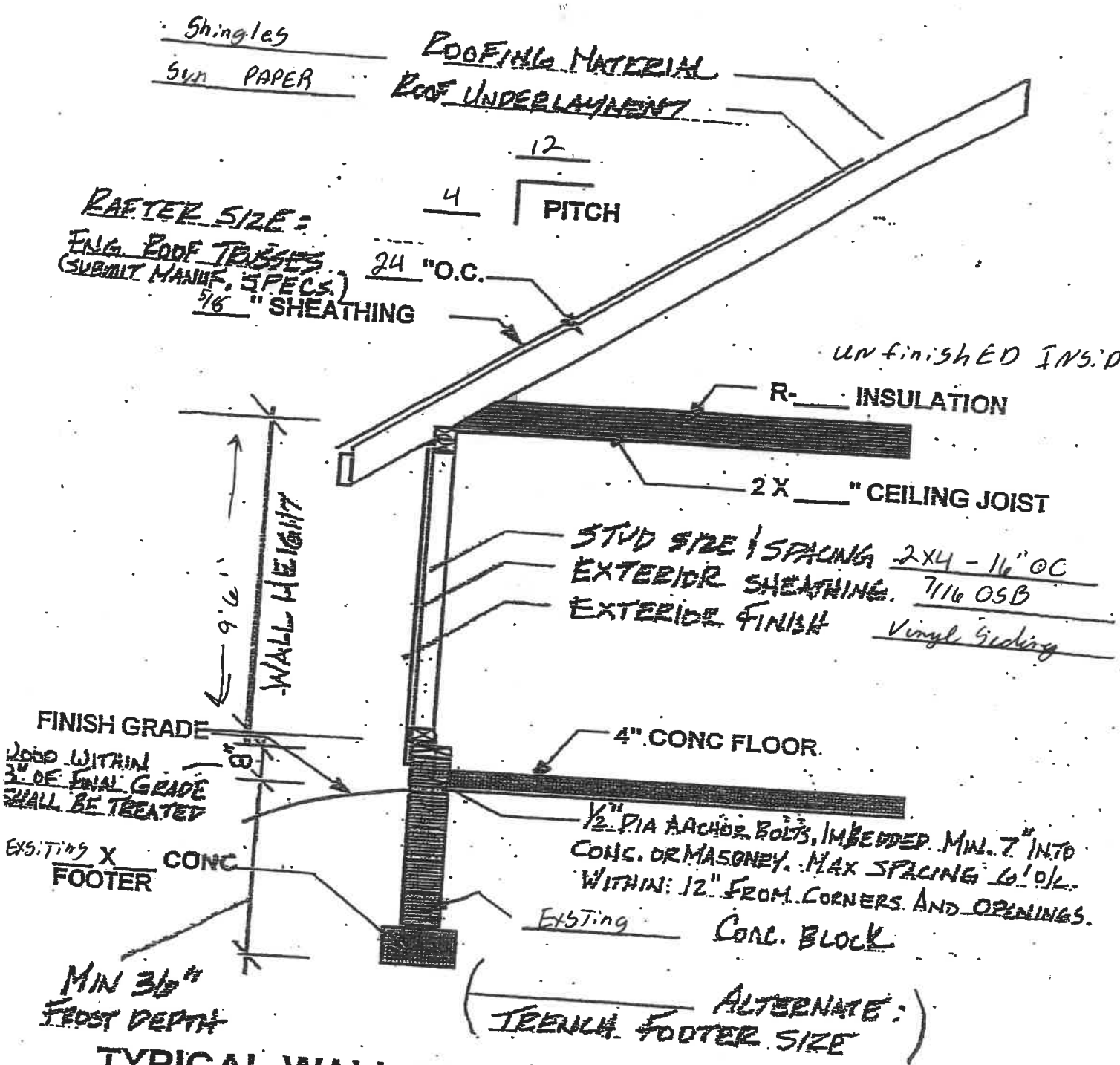
NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 11-0-0, Exterior(2) 11-0-0 to 14-0-0, Interior(1) 14-0-0 to 23-0-0 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) 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/TPI 1.
4) TCLL: ASCE 7-05; Pr=25.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=25.0 psf (ground snow); Pf=19.3 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 19.3 psf on overhangs non-concurrent with other live loads.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 12, 20, 21, 22, 23, 17, 16, 15, 14.

LOAD CASE(S) Standard

Dansco Engineering, LLC
COA: 02356
Date: 6/28/19

WARNING – VERIFY DESIGN PARAMETERS AND READ NOTES BEFORE FABRICATION AND INSTALLATION!!!
This truss design is adequate for the design parameters shown. Review and approval of design parameters is the responsibility of the building designer, not the truss designer or truss engineer. Permanent bracing requirements against out-of-plane buckling are noted/shown for individual truss members (and for the truss as a whole) subjected to gravity and wind loads. Additional permanent bracing design shall be the responsibility of the design professional of record. Temporary and erection bracing shall be the responsibility of the contractor. Reference ANSI/TPI-1, "National Design Standard for Metal Plate Connected Wood Truss Construction" and TPI/WTCA BCSI-06, "Building Component Safety Information Guide to Good Practice for Handling, Installing, Restraining and Bracing of Metal Plate Connected Wood Trusses" for additional information.

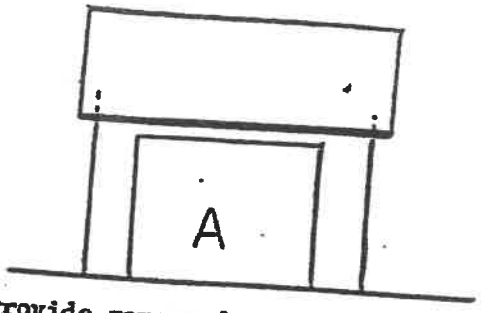
GRANT



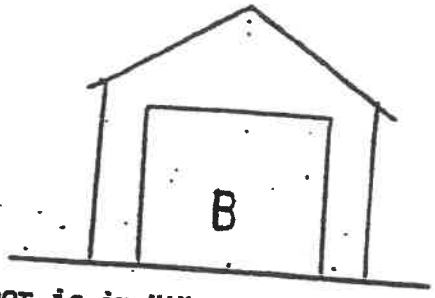
TYPICAL WALL SECTION THRU GARAGE OVER 600 SQ FT

1. PROVIDE SIDE HINGED DOOR PER RCO 311.2.1
2. PROVIDE HEADER SIZES FOR ALL OPENINGS. (PROVIDE MANUF. SPECS. FOR ENGINEERED BEAMS)

GRANT

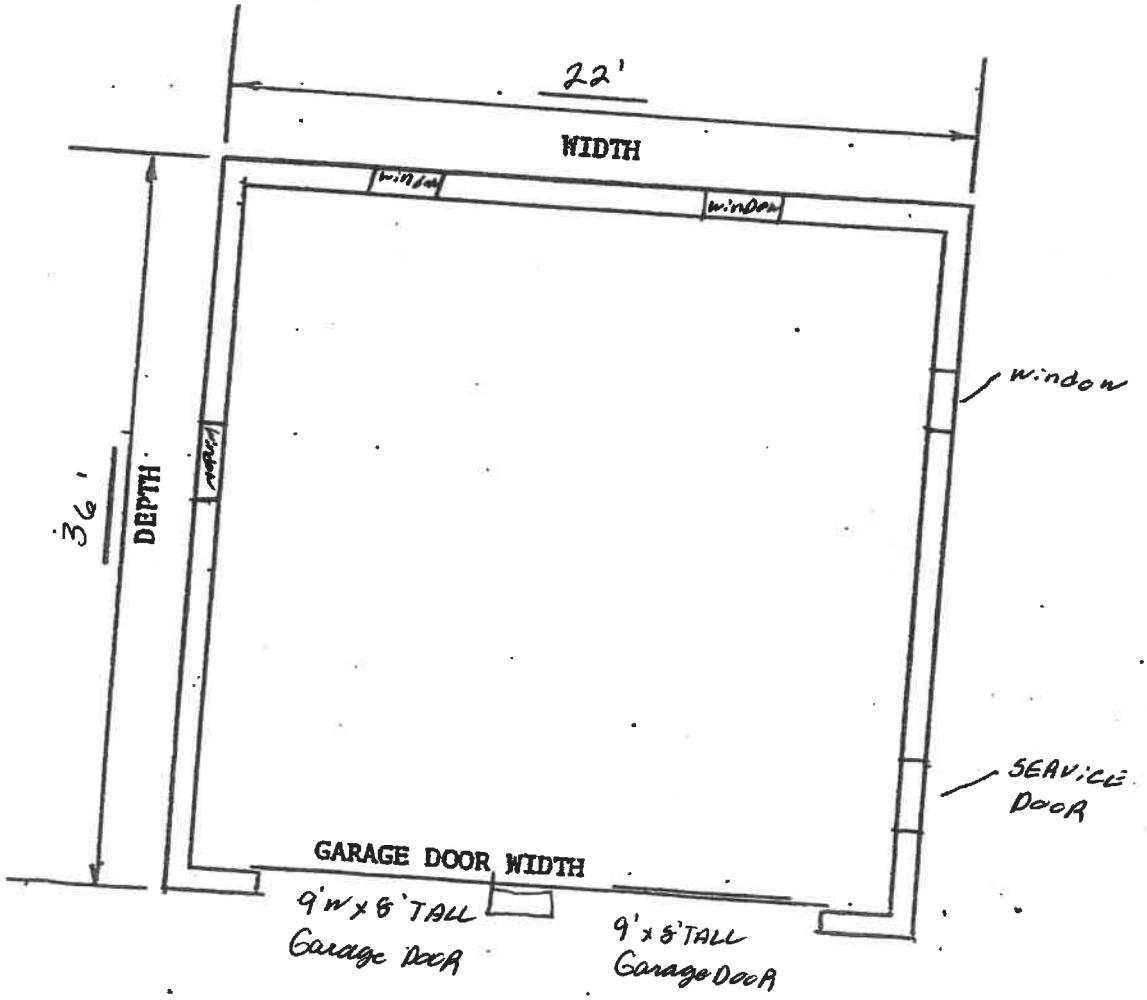


2- 2X12 x10' with ½ OSB BETW



NOTE: Provide garage door header details. If garage door is in "A" position, consult lumber yard, engineer, architect or provide engineering data for garage door header.

NOTE: If garage attic is to be used for storage, consult Wood County Code Book for ceiling joist size.



FLOOR PLAN

4 - windows
1 - SERVICE Door

22'x36' Garage

Header Sizes

Garage Door 2- 2x12x10' ½" OSB BETWEEN

Service Door 2- 2x12x36" " " "

4 Windows 2- 2x12x36" " " "