

Louisville-Jefferson County Metro Government

Department of Codes & Regulations

Metro Development Center

444 South Fifth Street, Suite 100, Louisville, KY 40202-4314

Telephone: (502) 574-3321 Fax: (502) 574-4356

SINGLE FAMILY BUILDING AND ACCESSORY PERMIT APPLICATION

DATE	3-14-16	I. D. #		LOT#		SUBDIVISION		
SITE ADDRESS	118 E. Ormsby Ave.				EMAIL	counydeeb@gmail.com		
APPLICANT	James C Deeb				CONTACT PHONE	502-558-1117		
ADDRESS	118 E. Ormsby Ave				CONTACT NAME	James C Deeb		
CITY	Louisville				STATE	KY	ZIP CODE	40203
OWNER	James C Deeb				PHONE	502-558-1117		
ADDRESS	118 E. Ormsby Ave.				STATE	KY	ZIP CODE	40203
CITY	Louisville				STATE	KY	ZIP CODE	40203
New Sq. Ft.	1440	Renovation Sq. Ft.	1440	Addition Sq. Ft.				
Basement Sq. Ft.	720	Deck Sq. Ft.	25	No. of Stories	2			
Accessory Building Sq. Ft.	1440	Attached Garage sq. ft.		# of New Bedrooms	1			
Estimated cost of construction (excludes Mech. Elect. & Plbg and Lot)						\$ 85,000.00		

Signature of Owner/Agent	<i>James C Deeb</i>	Date	3, 14, 16
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OFFICE USE ONLY APPROVALS/PERMITS REQUIRED

Electric	<input type="checkbox"/>	Curb Cut	<input type="checkbox"/>	Mech. Fireplace	<input type="checkbox"/>	Construction Type	<input type="checkbox"/>
Plumbing	<input type="checkbox"/>	BOZA	<input type="checkbox"/>	Planning & Design Services	<input type="checkbox"/>	MSD/Flood Plain	<input type="checkbox"/>
HVAC	<input type="checkbox"/>	Overlay/Landmark	<input type="checkbox"/>				

Remarks

- OLD Louisville - Historic Pres.

ZONE/NEIGHBORHOOD	Twp (TN)	PERMIT FEE COST	108.00
PLAN REVIEWER	<i>[Signature]</i>	APPLICATION NO.	BL 979395

~ Make Check Payable To METRO FINANCE ~
SEE BACK FOR ADDITIONAL REMARKS

118 EAST ORMSBY AVENUE

LOUISVILLE, KY 40203

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH LOCAL METRO LOUISVILLE CODES, JEFFERSON COUNTY CODES, KENTUCKY STATE CODES, AMENDMENTS, RULES, REGULATIONS, ORDINANCES, LAWS, ORDERS, APPROVALS, ETC. THAT ARE REQUIRED BY GOVERNING AUTHORITIES. IN THE EVENT OF CONFLICT, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
2. ALL DIMENSIONS OF EXISTING BUILDINGS ARE TO BE VERIFIED IN FIELD.
3. DO NOT SCALE DRAWINGS.
4. ALL DIMENSIONS ARE TO FACE OF FRAMING, BLOCK OR BRICK UNLESS NOTED OTHERWISE. NOTIFY DESIGNER OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWINGS AND SITE CONDITIONS PRIOR TO START OF WORK.
5. ANY CHANGES TO FRAMING AND/OR ENGINEERING CONNECTIONS SHALL BE APPROVED BY THE DESIGNER PRIOR TO START OF WORK.
6. CONTRACTOR MUST FOLLOW MANUFACTURER'S GUIDELINES FOR USE AND INSTALLATION INSTRUCTIONS FOR ALL EQUIPMENT AND PRODUCTS IN USE FOR THE PROJECT.
7. THE DESIGN, ADEQUACY, AND SAFETY OF STRUCTURE, BRACING, SHORING, EXCAVATION, TEMPORARY SUPPORTS, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND HAS NOT BEEN CONSIDERED BY THE DESIGNER.
8. CONSTRUCTION DOCUMENTS ARE PROVIDED TO ILLUSTRATE THE DESIGN AND GENERAL TYPE OF CONSTRUCTION, MATERIAL, AND WORKMANSHIP THROUGHOUT CONTRACTOR, IN ASSUMING RESPONSIBILITY FOR THE WORK INDICATED, SHALL COMPLY WITH THE SPIRIT AND THE LETTER IN WHICH THEY WERE WRITTEN.
9. NOTHING SET FORTH IN THESE DRAWINGS SHALL RELEASE ANY CONTRACTOR FROM RESPONSIBILITY TO PROVIDE APPROPRIATE QUANTITIES, FIELD MEASUREMENTS, DIMENSIONAL STABILITY, INSTALLATION, ANCHORAGE AND COORDINATION WITH OTHER TRADES, OR WAIVE THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND RESOLVE DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, OR WAIVE THE CONTRACTOR'S RESPONSIBILITY TO ALERT THE OWNER'S TECHNICAL REPRESENTATIVE AND ARCHITECT TO ERRORS OR OMISSIONS CONTAINED THEREIN.
10. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND CONDUITS, CHASES, AND SOIL CONDITIONS PRIOR TO COMMENCING DEMOLITION AND/OR CONSTRUCTION.
11. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANIES FOR PROPER INSTALLATION AND SHUTDOWN PROCEDURES OF SERVICES. IN CASE OF TEMPORARY INTERRUPTION OF SERVICES, CONTRACTOR MUST NOTIFY OWNER PRIOR TO DISCONNECTION.
12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND FOR COORDINATING THE STRUCTURAL, MECHANICAL, AND ELECTRICAL REQUIREMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
13. CONTRACTOR SHALL PROTECT AREA AND NEW OR EXISTING MATERIALS AND FINISHES FROM DAMAGE WHICH MAY OCCUR FROM CONSTRUCTION, DEMOLITION, DUST, WATER, ETC. DAMAGED NEW OR EXISTING MATERIALS, FINISHES, AND EQUIPMENT SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL REPAIR ALL DAMAGED SURFACES TO MATCH ADJACENT SURFACES AND INSURE TIGHT JOINTS ALL AROUND.
15. CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BRACING, FRAMING, HANGERS, OR OTHER SUPPORT FOR ALL FIXTURES, CABINETRY, EQUIPMENT, FURNISHINGS AND ALL OTHER ITEMS REQUIRING THE SAME.
16. CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS ON A DAILY BASIS, AND SHALL EXERCISE STRICT CONTROL TO PREVENT ANY DIRT OR DEBRIS FROM AFFECTING FINISHED AREAS OF THE JOB SITE OR ADJACENT STORES.
17. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY DEMOLITION AND BUILDING PERMITS.

DRAWING INDEX

G101	TITLE SHEET, GENERAL NOTES
C101	SITE PLAN
A101	FOUNDATION PLAN AND ROOF FRAMING PLAN
A102	FIRST FLOOR PLAN
A103	SECOND FLOOR PLAN
A104	LOFT FLOOR PLAN
A105	ELEVATIONS
A106	SECTION

G101 COVER SHEET

1 2 3 4 5 6 7 8 9 10

SEAL

SHEET
G101

Coury Deeb
118 East Ormsby Avenue
Louisville, KY 40203

Garage Addition
118 East Ormsby Avenue
Louisville, KY 40203

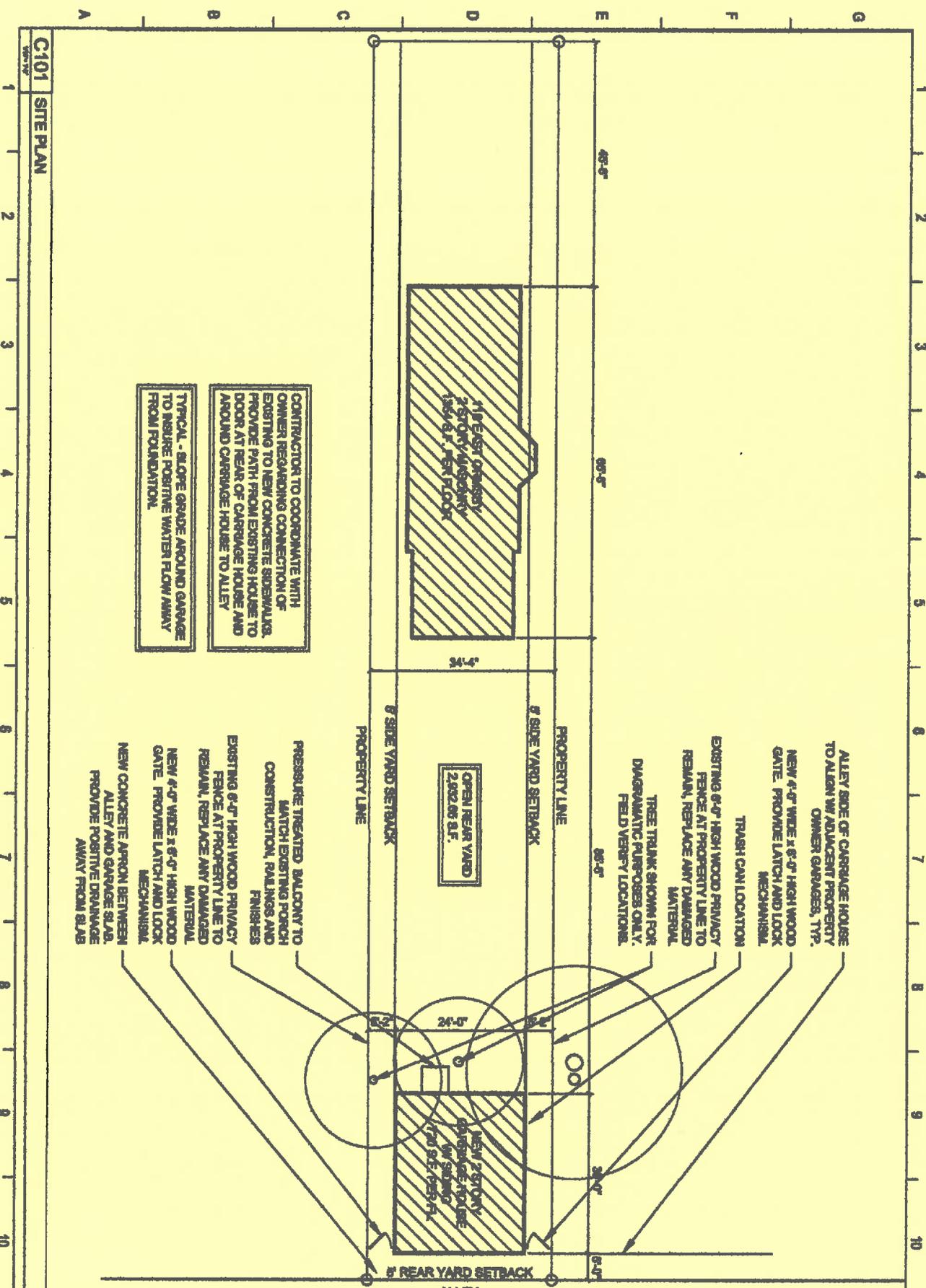
DRAWN BY: MRR
CHECKED: MRR
REVIEWED: MRR
PROJECT #: 16007
DATE: 3/12/2016

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1219 Goss Avenue
Louisville, KY 40217

Ph. (502) 800-6118
mrmadole@dmr.net

DESIGN ON THE GO



CONTRACTOR TO COORDINATE WITH OWNER REGARDING CONNECTION OF EXISTING TO NEW CONCRETE SIDEWALK. PROVIDE PATH FROM EXISTING HOUSE TO DOOR AT REAR OF CARRIAGE HOUSE AND AROUND CARRIAGE HOUSE TO ALLEY

TYPICAL - SLOPE GRADE AROUND GARAGE TO INSURE POSITIVE WATER FLOW AWAY FROM FOUNDATION.

ALLEY SIDE OF CARRIAGE HOUSE TO ALIGN W/ ADJACENT PROPERTY OWNER GARAGES, TYP.

NEW 4'-0" WIDE 1'-0" HIGH WOOD GATE. PROVIDE LATCH AND LOCK MECHANISM.

TRASH CAN LOCATION

EXISTING 6'-0" HIGH WOOD PRIVACY FENCE AT PROPERTY LINE TO REMAIN. REPLACE ANY DAMAGED MATERIAL.

TREE TRUNK SHOWN FOR DIAGNOSTIC PURPOSES ONLY. FIELD VERIFY LOCATIONS.

PROPERTY LINE

8' SIDE YARD SETBACK

PROPERTY LINE

8' SIDE YARD SETBACK

PROPERTY LINE

8' REAR YARD SETBACK

ALLEY

NEW 2-STORY GARAGE (1,700 SQ. FT.)

NEW 4'-0" WIDE 1'-0" HIGH WOOD GATE. PROVIDE LATCH AND LOCK MECHANISM.

NEW CONCRETE APRON BETWEEN ALLEY AND GARAGE SLAB. PROVIDE POSITIVE DRAINAGE AWAY FROM SLAB.

EXISTING 6'-0" HIGH WOOD PRIVACY FENCE AT PROPERTY LINE TO REMAIN. REPLACE ANY DAMAGED MATERIAL.

PRESSURE TREATED BALCONY TO MATCH EXISTING PORCH CONSTRUCTION, RAILINGS AND FINISHES

C101 SITE PLAN

SEAL: **C101**

Coury Deeb
 118 East Ormsby Avenue
 Louisville, KY 40203

Garage Addition
 118 East Ormsby Avenue
 Louisville, KY 40203

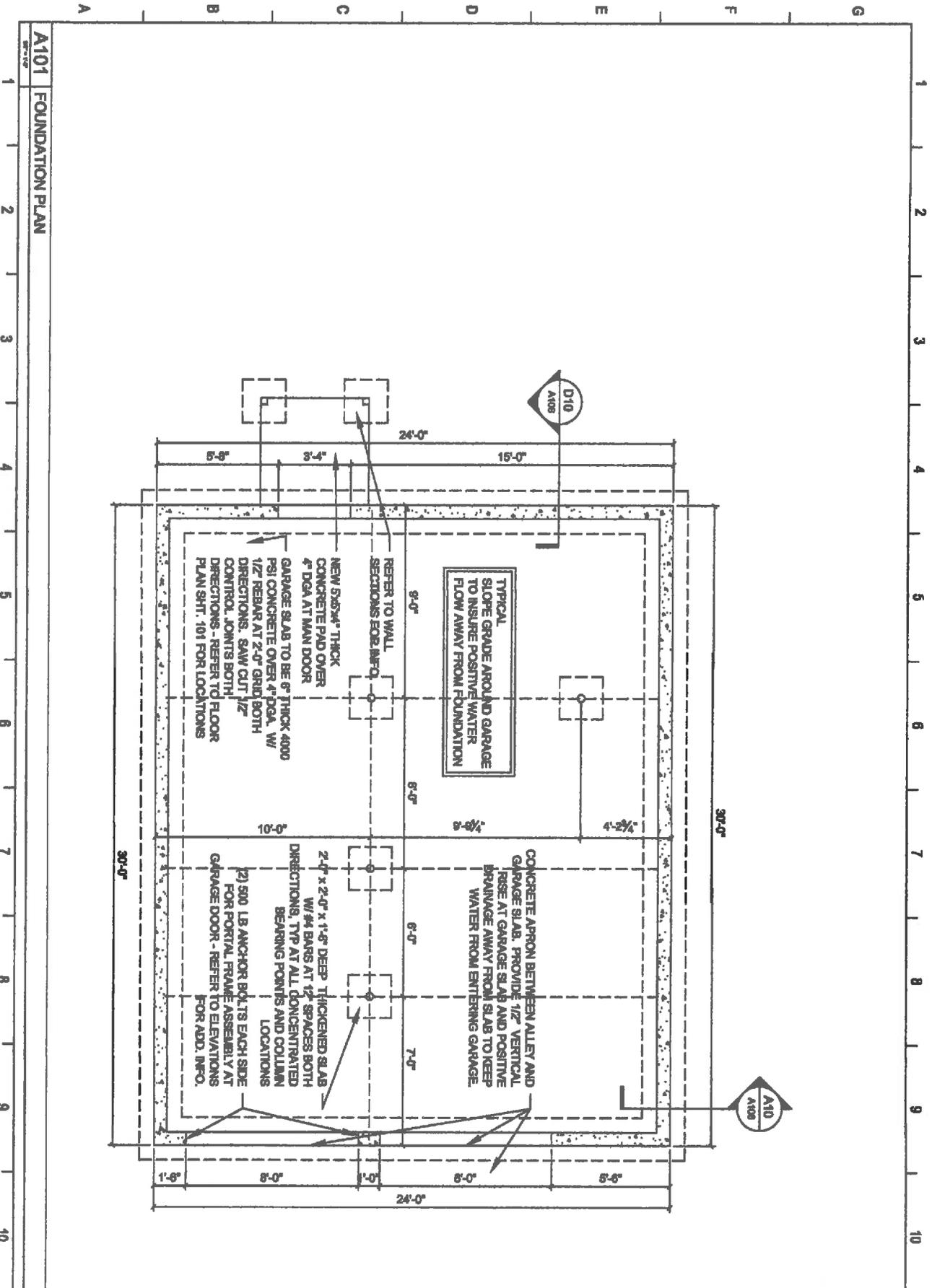
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 DATE: 1/12/2016

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 mrad@mrda.com

DESIGN ON THE GO



A101 FOUNDATION PLAN

SEAL:

SHEET
A101

CLIENT PROJECT
Coury Deeb
 118 East Ormsby Avenue
 Louisville, KY 40203
Garage Addition
 118 East Ormsby Avenue
 Louisville, KY 40203

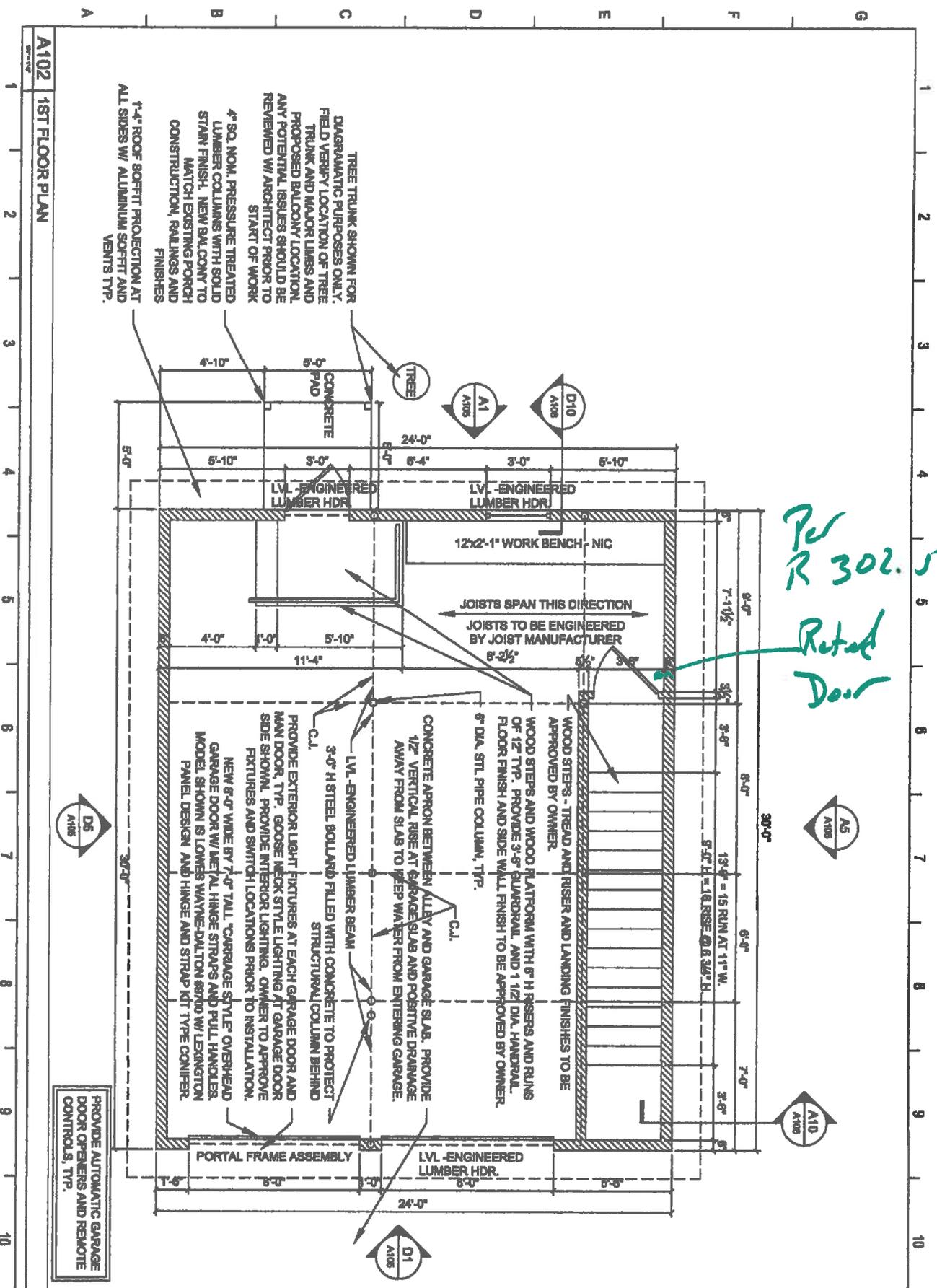
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 Louisville, KY 40217

Ph. (502) 500-6116
 mrmaddox@wrn.net

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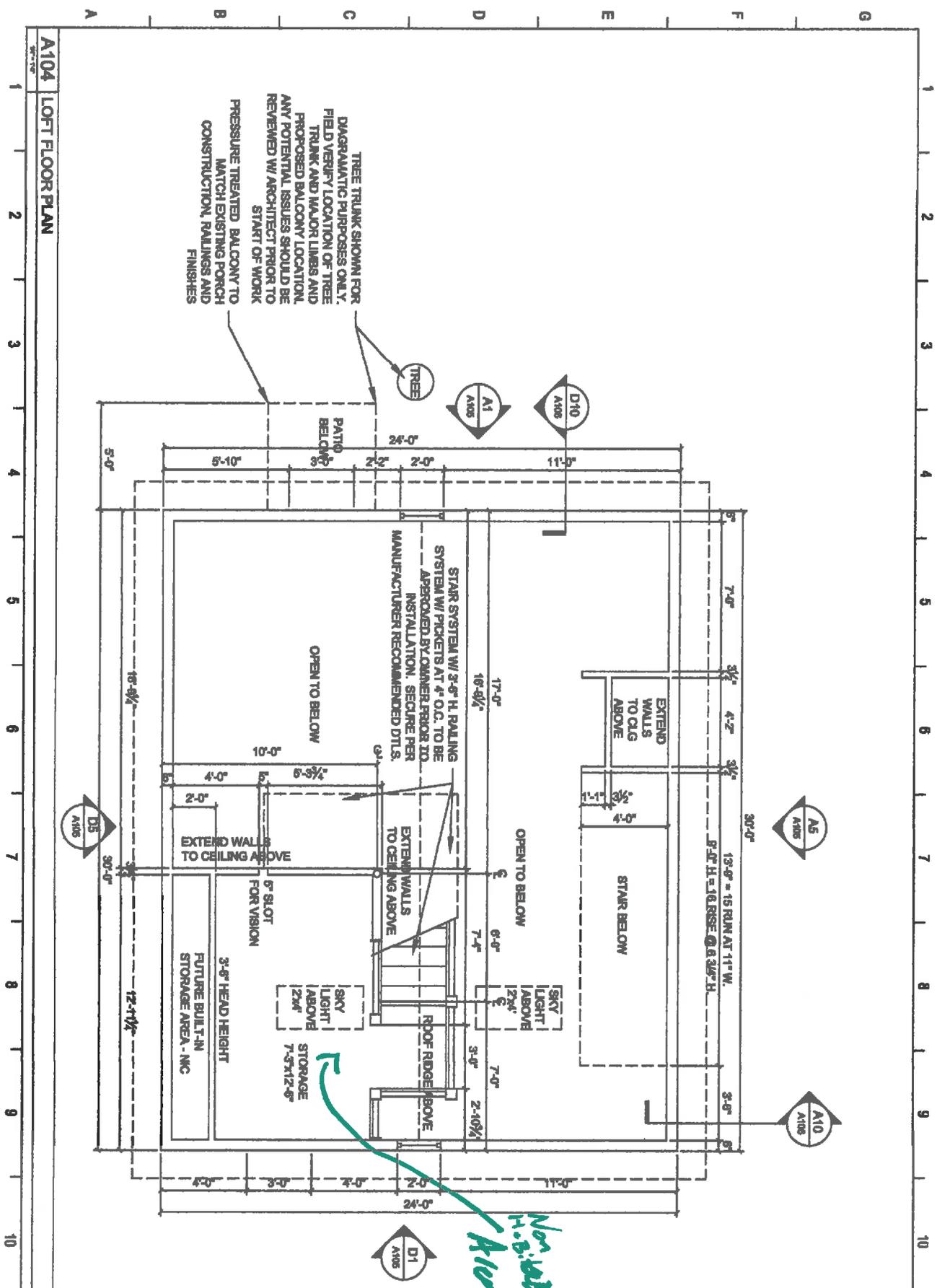


*PER R 302.5.1
Retard Door*

A102
1ST FLOOR PLAN

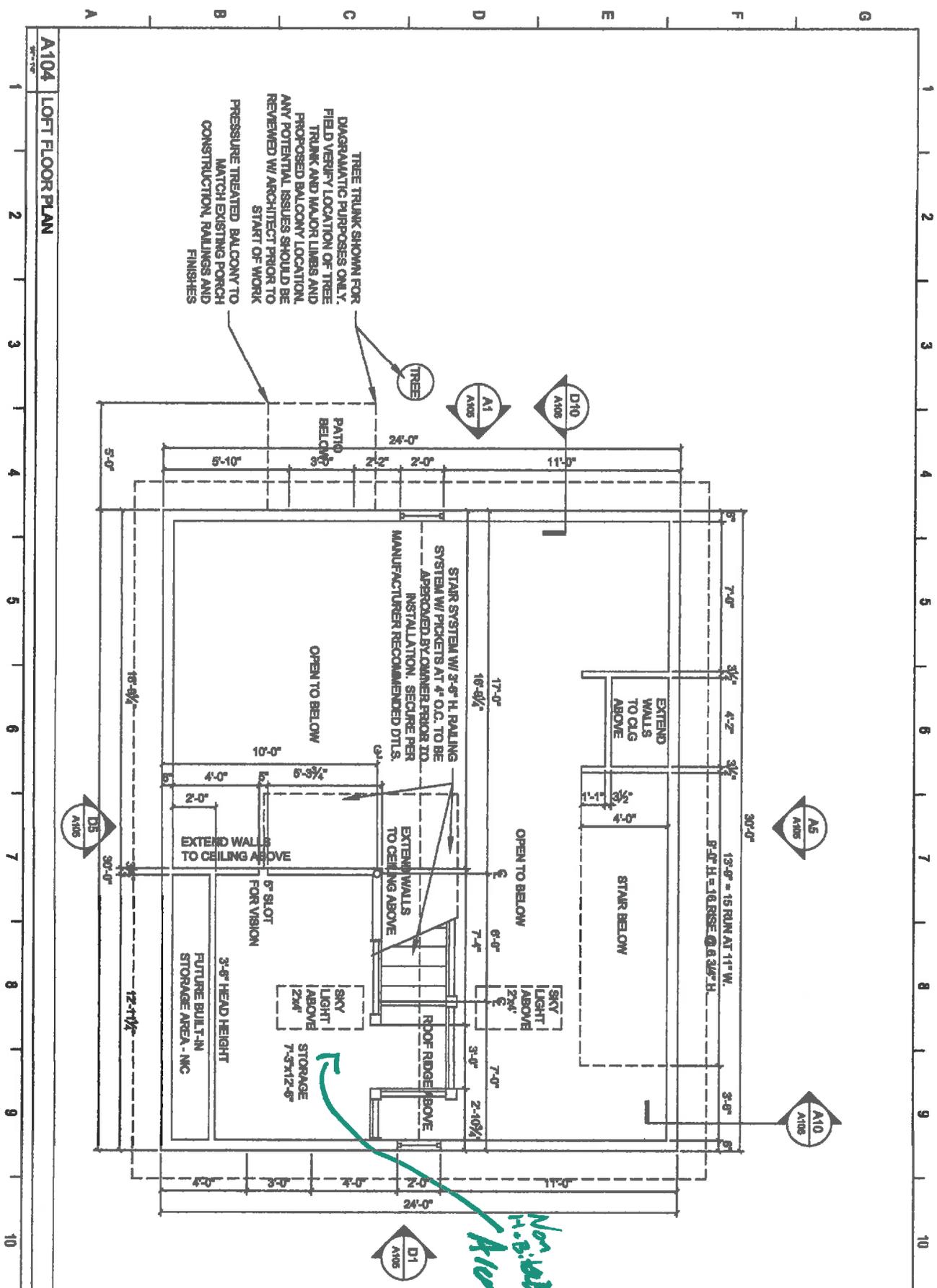
SEAL:	SHEET	Coury Deeb 118 East Ormsby Avenue Louisville, KY 40203 Garage Addition 118 East Ormsby Avenue Louisville, KY 40203	DRAWN BY:	MRR	COPYRIGHT NOTICE THIS LAYOUT AND DESIGN IS AN UNPUBLISHED WORK TO WHICH MICHAEL ROBERT FARRERIE HEREBY EXPRESSLY RESERVES ITS COMMON LAW RIGHT PURSUANT TO TITLE 37 SECTION 2 OF THE UNITED STATES CODE TO PREVENT ANY UNAUTHORIZED PUBLICATION, COPIING, REPRODUCTION OR OTHER USE OF THIS WORK, AND TO OBTAIN DAMAGES THEREFORE.	1219 Goss Avenue Louisville, KY 40217 Ph. (502) 500-6116 mrradeko@wfr.net
	PROJECT		A102	CHECKED:		
			REVIEWED:	MRR		
			PROJECT #:	16007		
			DATE:	3/13/2016		

DESIGN ON THE GO



TREE TRUNK SHOWN FOR
 DIAGRAMATIC PURPOSES ONLY.
 FIELD VERIFY LOCATION OF TREE
 TRUNK AND MAJOR LIMBS AND
 PROPOSED BALCONY LOCATION.
 ANY POTENTIAL ISSUES SHOULD BE
 REVIEWED W/ ARCHITECT PRIOR TO
 START OF WORK
 PRESSURE TREATED BALCONY TO
 MATCH EXISTING PORCH
 CONSTRUCTION, RAILINGS AND
 FINISHES

A104
LOFT FLOOR PLAN



TREE TRUNK SHOWN FOR
 DIAGRAMATIC PURPOSES ONLY.
 FIELD VERIFY LOCATION OF TREE
 TRUNK AND MAJOR LIMBS AND
 PROPOSED BALCONY LOCATION.
 ANY POTENTIAL ISSUES SHOULD BE
 REVIEWED W/ ARCHITECT PRIOR TO
 START OF WORK
 PRESSURE TREATED BALCONY TO
 MATCH EXISTING PORCH
 CONSTRUCTION, RAILINGS AND
 FINISHES

A104
LOFT FLOOR PLAN

SEAL: _____
 SHEET
A104

CLIENT
Coury Deeb
 118 East Ormsby Avenue
 Louisville, KY 40203
 PROJECT
Garage Addition
 118 East Ormsby Avenue
 Louisville, KY 40203

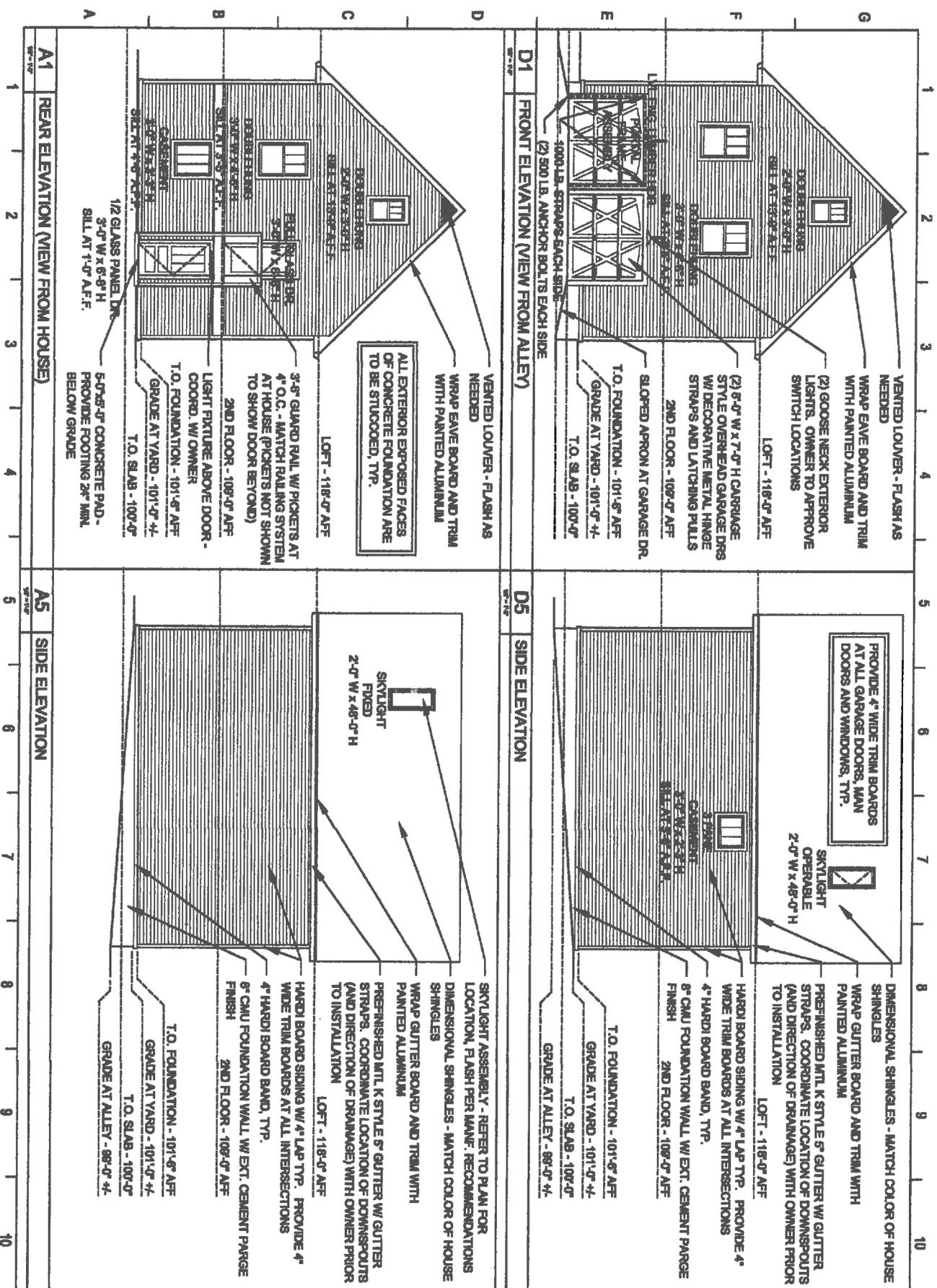
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 Louisville, KY 40217

FL (802) 600-6118
 mrradeke@wrn.net
**DESIGN
 ON THE GO**

Non-Visible
 H.B. 1000
 A104



SEAL:

A105

Coury Deeb
 118 East Ormsby Avenue
 Louisville, KY 40203

Garage Addition
 118 East Ormsby Avenue
 Louisville, KY 40203

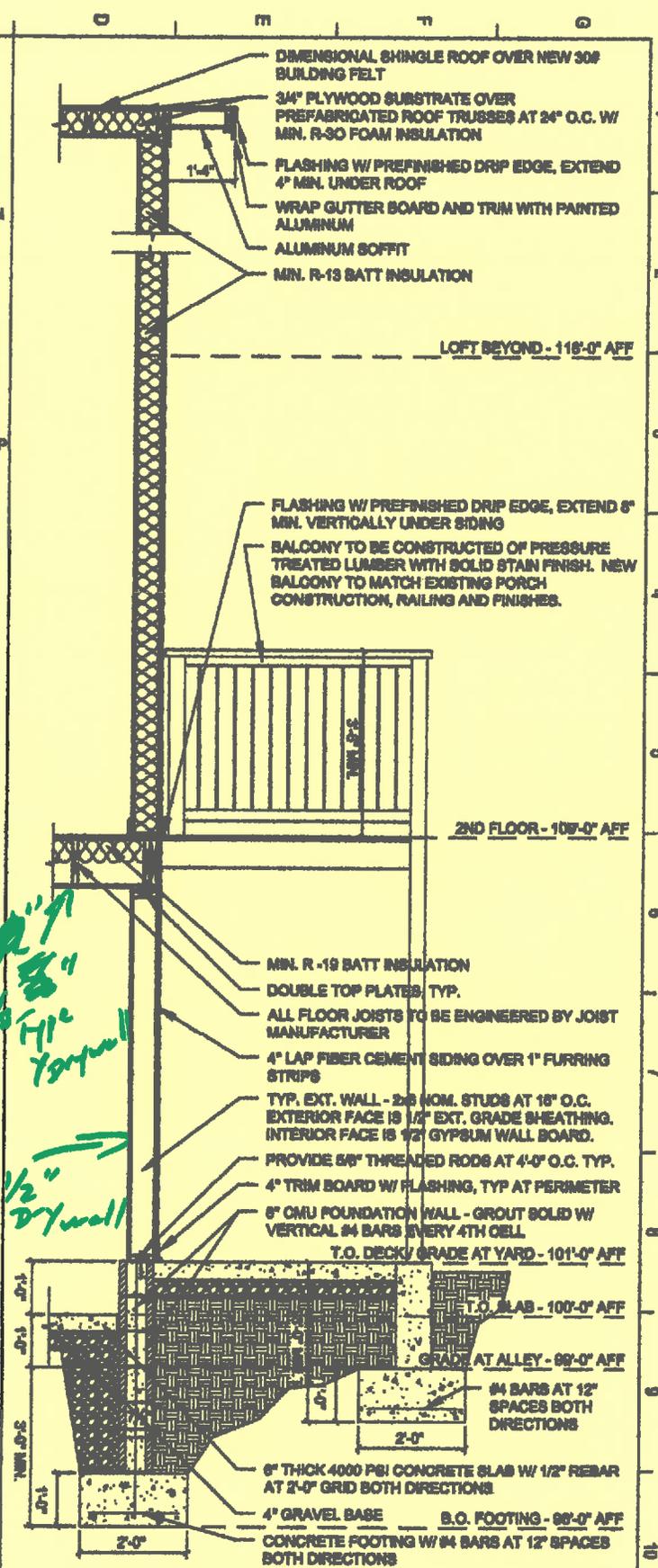
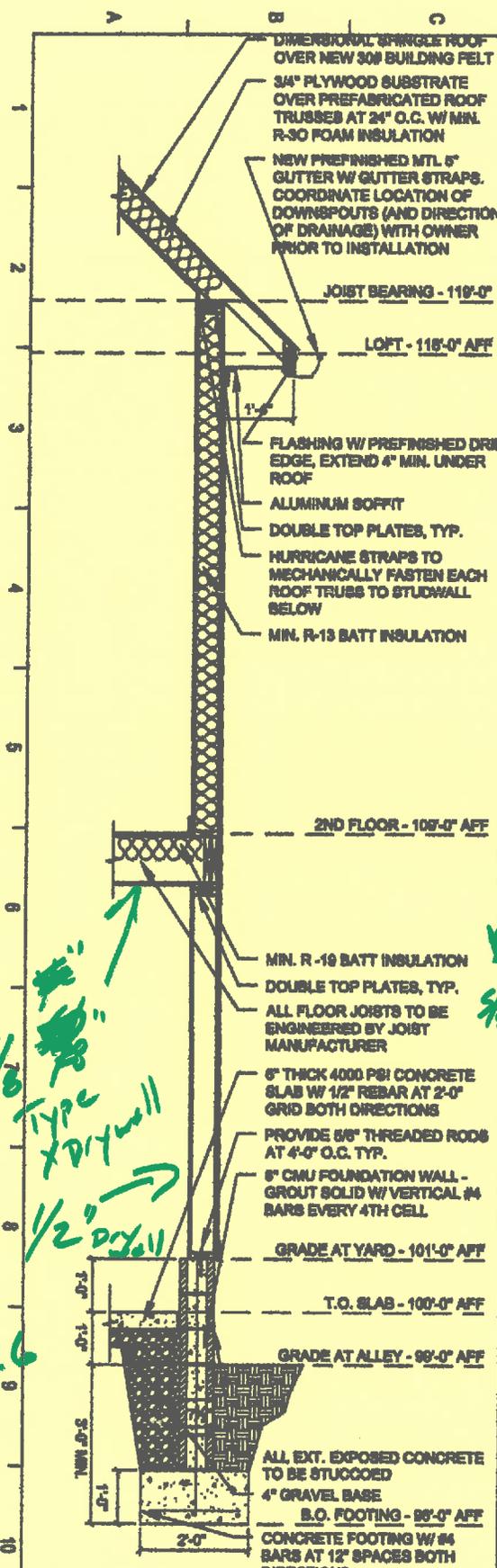
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 CHECKED: **MRR**
 REVIEWED: **MRR**
 PROJECT #: **15006**
 DATE: **1/12/2016**

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1216 Goswami Avenue
 Louisville, KY 40217

Ph: (502) 500-6118
 mradis@wbnet.net

DESIGN
ON THE GO



5/8"
 Type
 x DiY wall
 1/2" DiY wall
 Per
 Table
 R302.6

1/2"
 DiY wall

A10 TYPICAL SECTION AT GABLE END		D10 TYPICAL SECTION AT EAVE END	
SHEET A106 CLIENT PROJECT	Couy Deep 118 East Ormsby Avenue Louisville, KY 40203		DRAWN BY: MRR CHECKED: MRR REVIEWED: MRR PROJECT#: 16007 DATE: 3/13/2016
	Garage Addition 118 East Ormsby Avenue Louisville, KY 40203		COPYRIGHT NOTICE THIS LAYOUT AND DESIGN IS AN UNPAID WORK TO WHICH MICHAEL ROBERT RADICE HEREBY EXPRESSLY RESERVES THE COMMON LAW RIGHT PURSUANT TO TITLE 17 SECTION 10 OF THE UNITED STATES CODE TO PREVENT ANY UNAUTHORIZED PUBLICATION, COPYING, CONSTRUCTION OR OTHER USE OF THIS WORK, AND TO OBTAIN DAMAGES THEREFOR.
			1219 Glen Avenue Louisville, KY 40217 Ph. (502) 500-8116 mradice@aol.com
			DESIGN ON THE GO

Job #	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B52283	PB01	Piggyback	2	1	

ID: DgY7yn4vLEf0j8O2n2kGJeyB7xm-RG08zC3vd1g2nKjgEEZDoM7R3xjSkwZNYdl9zcdQ

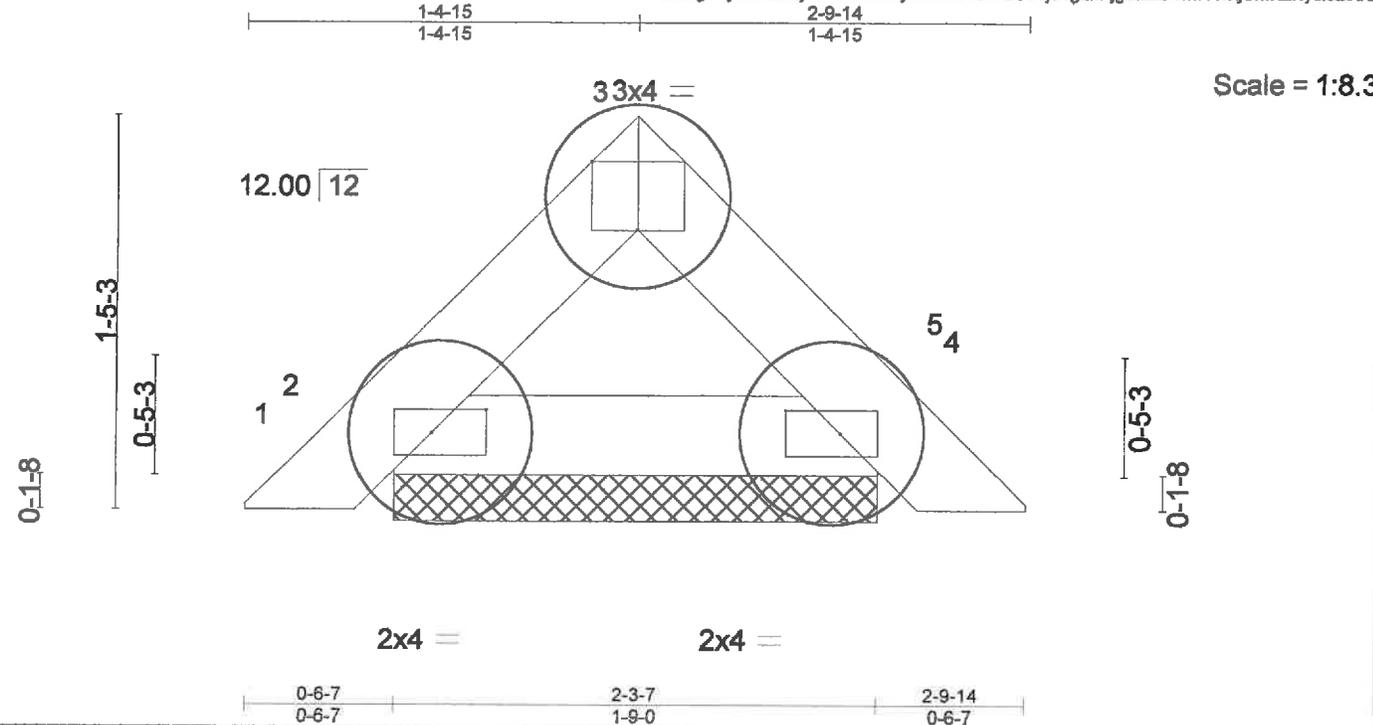


Plate Offsets (X,Y)-- [2:0-2-6,0-1-0], [3:0-2-0,Edge], [4:0-2-6,0-1-0]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.01	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.04	Vert(TL)	0.00	4	n/r	120		
BCLL 0.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2012/TPI2007		(Matrix)						Weight: 9 lb	FT

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-6 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=90/1-9-0 (min. 0-1-8), 4=90/1-9-0 (min. 0-1-8)
Max Horz 2=-21(LC 6)
Max Uplift 2=-6(LC 8), 4=-6(LC 8)

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

JOINT STRESS INDEX
2 = -1.#J, 3 = -1.#J and 4 = -1.#J

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Gable requires continuous bottom chord bearing.
- Continued on page 2

Job #	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B52283	PB01	Piggyback	2	1	

K-I Truss, Shelbyville, KY 40165 10 2015 Print: 7.640 s Nov 10 2015 MiTek Industries, Inc. Wed Mar 09 15:27:50 2016 Page 2

ID:DgY7yn4vLEfJ8O2n2kGJeyB7xm-RG08zC3vjd1g2nKjgEEZDoM7R3xjSkwtZNydl9zcdQ

NOTES-

- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 6 lb uplift at joint 2 and 6 lb uplift at joint 4.
- 7) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job B52283	Truss PB02	Truss Type Piggyback	Qty 14	Ply 1	Job Reference (optional)
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K-I Truss, Shearville, KY 40065 10 2015 Print: 7.640 s Nov 10 2015 MiTek Industries, Inc. Wed Mar 09 15:27:50 2016 Page 1

ID:DgY7yn4vLEf0j8O2n2kGJeyB7xm-RG08zC3vjd1g2nKjgEEZDoM7R3xjSkwZNYdl9zcdQ

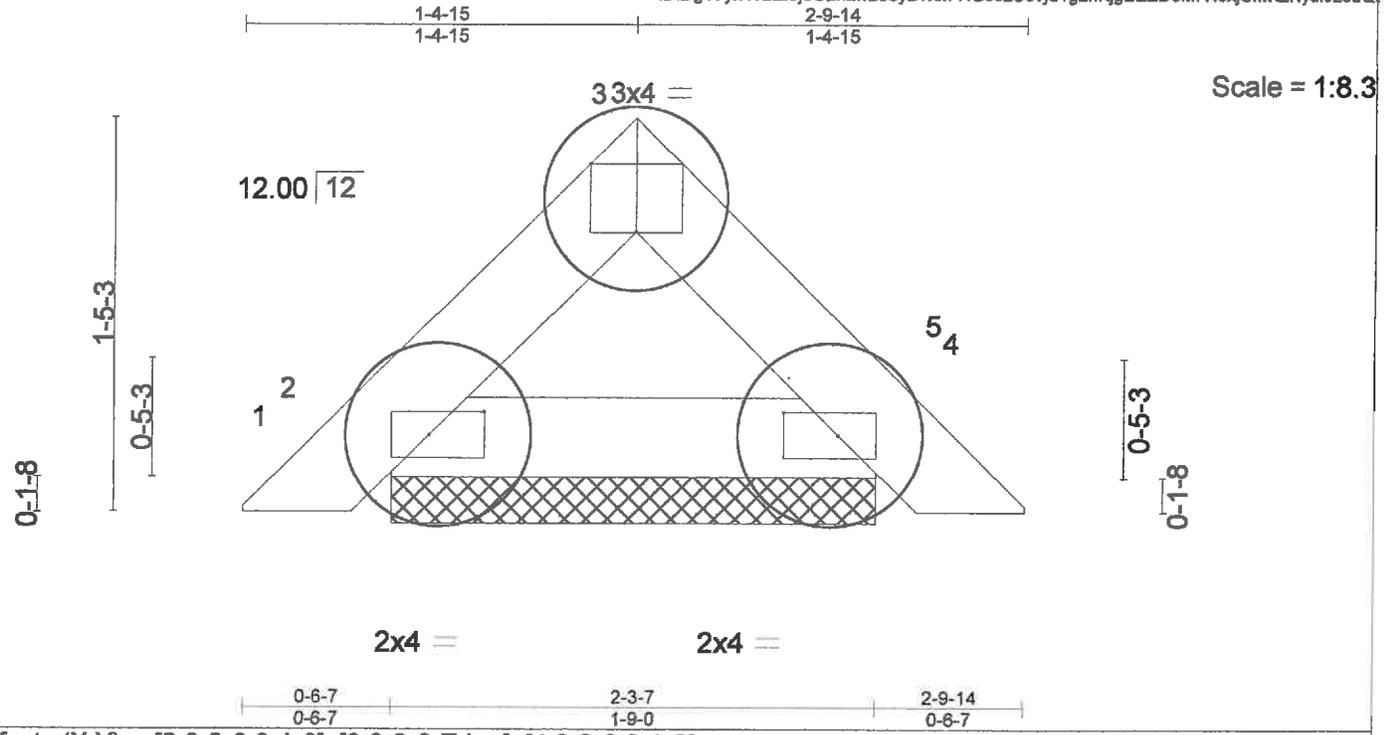


Plate Offsets (X,Y)-- [2:0-2-6,0-1-0], [3:0-2-0,Edge], [4:0-2-6,0-1-0]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.01	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.04	Vert(TL)	0.00	4	n/r	120		
BCLL 0.0	Rep Stress Incr	NO	WB 0.00	Horz(TL)	0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2012/TPI2007		(Matrix)						Weight: 9 lb	FT

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-10-6 oc purlins.
BOT CHORD 2x4 SP No.2	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=90/1-9-0 (min. 0-1-8), 4=90/1-9-0 (min. 0-1-8)
 Max Horz 2=-21(LC 6)
 Max Uplift 2=-6(LC 8), 4=-6(LC 8)

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

JOINT STRESS INDEX
 2 = -1.#J, 3 = -1.#J and 4 = -1.#J

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) Gable requires continuous bottom chord bearing.
- Continued on page 2

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B52283	PB02	Piggyback	14	1	

K-I Truss, Shelbyville, KY 40065 10 2015 Print: 7.640 s Nov 10 2015 MiTek Industries, Inc. Wed Mar 09 15:27:50 2016 Page 2

ID:DgY7yn4vLEf0j8O2n2kGJeyB7xm-RG08zC3vd1g2nKjgEEZDoM7R3xjSkwtZNydl9zcdQ

NOTES-

- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 6 lb uplift at joint 2 and 6 lb uplift at joint 4.
- 7) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job: B52283	Truss T01	Truss Type Piggyback Base Supported Gable	Qty 1	Ply 1	Job Reference (optional)
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K-l Truss, Shelbyville, KY 40067 10-20-15 Print: 7.640 s Nov 10 2015 MiTek Industries, Inc. Wed Mar 09 15:27:51 2016 Page 1

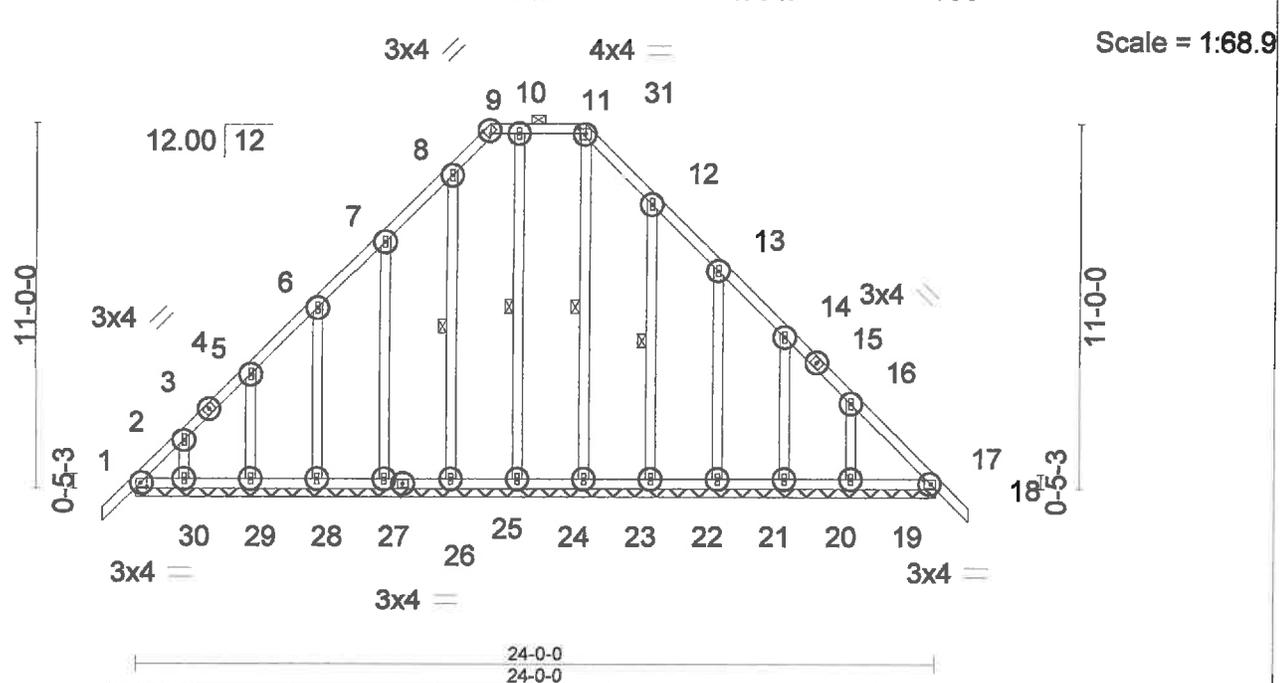


Plate Offsets (X,Y)-- [2:0-2-6,0-1-8], [9:0-1-8,Edge], [11:0-2-4,0-1-12], [17:0-2-6,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI.	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15		TC 0.08	Vert(LL) -0.00	17	n/r	120		MT20	244'
TCDL 10.0	Lumber DOL 1.15		BC 0.05	Vert(TL) 0.00	17	n/r	120			
BCLL 0.0	Rep Stress Incr NO		WB 0.14	Horz(TL) 0.01	17	n/a	n/a			
BCDL 10.0	Code IRC2012/TPI2007		(Matrix)							
									Weight: 192 lb	FT

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 9-11.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.3	WEBS 1 Row at midpt 11-23, 10-24, 8-25, 12-22

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

REACTIONS. All bearings 24-0-0.
 (lb) - Max Horz 2=204(LC 6)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 27, 28, 29, 30, 22, 21, 20, 19
 Max Grav All reactions 250 lb or less at joint(s) 2, 23, 24, 25, 27, 28, 29, 30, 22, 21, 20, 19, 17

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

JOINT STRESS INDEX
 2 = -1.#J, 3 = -1.#J, 4 = -1.#J, 5 = -1.#J, 6 = -1.#J, 7 = -1.#J, 8 = -1.#J, 9 = -1.#J, 10 = -1.#J, 11 = -1.#J, 12 = -1.#J, 13 = -1.#J, 14 = -1.#J, 15 = -1.#J, 16 = -1.#J, 17 = -1.#J, 19 = -1.#J, 20 = -1.#J, 21 = -1.#J, 22 = -1.#J, 23 = -1.#J, 24 = -1.#J, 25 = -1.#J, 26 = -1.#J, 27 = -1.#J, 28 = -1.#J, 29 = -1.#J and 30 = -1.#J

Continued on page 2

Job-	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B52283	T01	Piggyback Base Supported Gable	1	1	

K-I Truss, Shelbyville, KY 40065 10 2015 Print: 7.640 s Nov 10 2015 MiTek Industries, Inc. Wed Mar 09 15:27:51 2016 Page 2

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NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; 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) Provide adequate drainage to prevent water ponding.
- 5) All plates are 1.5x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 2-0-0 oc.
- 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 27, 28, 29, 30, 22, 21, 20, 19.
- 11) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 12) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

Job# B52283	Truss T02	Truss Type Piggyback Base	Qty 14	Ply 1	Job Reference (optional)
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K-I Truss, Shelbyville, KY 40065 10 2015 Print: 7.640 s Nov 10 2015 MiTek Industries, Inc. Wed Mar 09 15:27:51 2016 Page 1

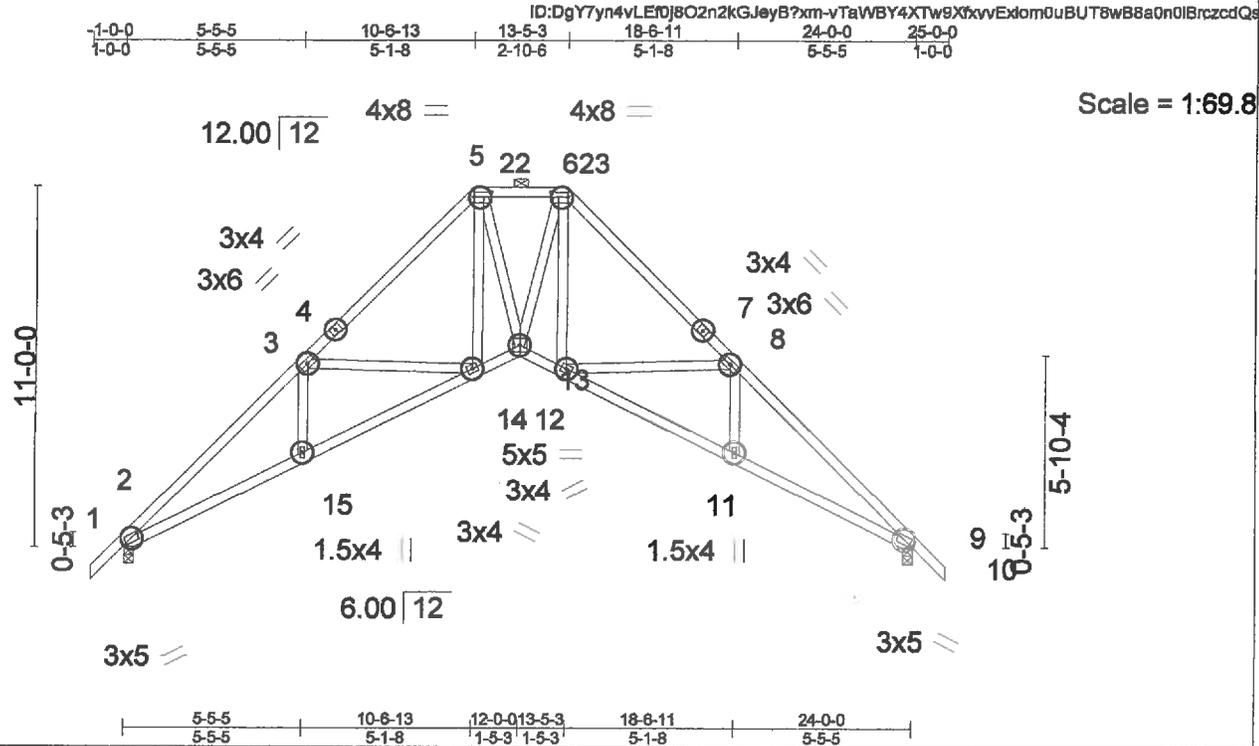


Plate Offsets (X,Y)-- [2:0-1-5,0-0-5], [5:0-6-4,0-1-12], [6:0-6-4,0-1-12], [9:0-1-5,0-0-5]

LOADING (psf)	SPACING	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.50	in (loc) l/defl L/d	MT20	244/'
TCDL 10.0	Plate Grip DOL 1.15	BC 0.61	Vert(LL) -0.10 13 >999 240		
BCLL 0.0	Lumber DOL 1.15	WB 0.23	Vert(TL) -0.27 14-15 >999 180		
BCDL 10.0	Rep Stress Incr NO	(Matrix-M)	Horz(TL) 0.34 9 n/a n/a		
	Code IRC2012/TPI2007			Weight: 147 lb	FT

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 3-9-8 oc purlins, except
BOT CHORD 2x4 SP No.2	2-0-0 oc purlins (5-4-2 max.): 5-6.
WEBS 2x4 SP No.3	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=1020/0-3-8 (min. 0-1-8), 9=1020/0-3-8 (min. 0-1-8)
 Max Horz 2=204(LC 7)
 Max Uplift 2=-5(LC 8), 9=-5(LC 8)

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

TOP CHORD 2-3=-2108/0, 3-4=-1583/0, 4-5=-1467/0, 5-22=-1179/0,
 22-23=-1179/0, 6-23=-1179/0, 6-7=-1467/0,
 7-8=-1583/0, 8-9=-2108/0

BOT CHORD 2-15=0/1678, 14-15=0/1694, 13-14=0/1191,
 12-13=0/1150, 11-12=0/1606, 9-11=0/1588

WEBS 3-14=-417/137, 5-14=0/371, 5-13=0/494, 6-13=0/569,
 6-12=0/371, 8-12=-427/137

Job #	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B52283	T02	Piggyback Base	14	1	

K-I Truss, Shelbyville, KY 40065 10 2015 Print: 7.640 s Nov 10 2015 MiTek Industries, Inc. Wed Mar 09 15:27:51 2016 Page 2

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JOINT STRESS INDEX

2 = -1.#J, 3 = -1.#J, 4 = -1.#J, 5 = -1.#J, 6 = -1.#J, 7 = -1.#J, 8 = -1.#J, 9 = -1.#J, 11 = -1.#J, 12 = -1.#J, 13 = -1.#J, 14 = -1.#J and 15 = -1.#J

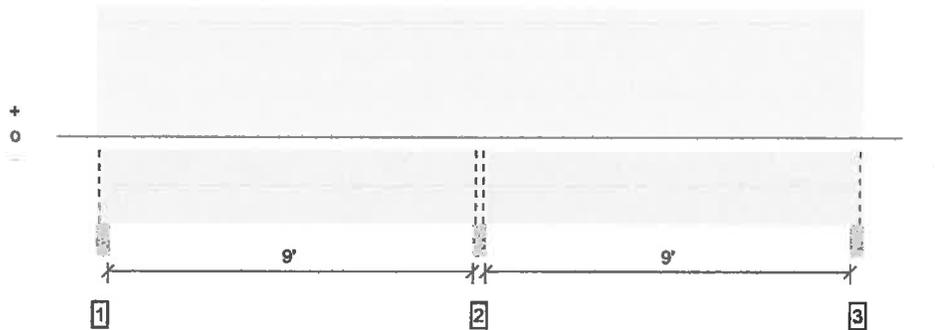
NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * 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.
- 6) Bearing at joint(s) 2, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 9.
- 8) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

2 piece(s) 1 3/4" x 11 7/8" 2.OE Microllam® LVL

Overall Length: 18' 10 1/2"



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.; Drawing Is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	7086 @ 9' 5 1/4"	8881 (3.50")	Passed (80%)	--	1.0 D + 1.0 L (All Spans)
Shear (lbs)	2849 @ 10' 6 7/8"	7897	Passed (36%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	-6569 @ 9' 5 1/4"	17848	Passed (37%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.072 @ 4' 6 9/16"	0.309	Passed (L/999+)	--	1.0 D + 1.0 L (Alt Spans)
Total Load Defl. (in)	0.085 @ 4' 5 11/16"	0.464	Passed (L/999+)	--	1.0 D + 1.0 L (Alt Spans)

System : Floor
 Member Type : Drop Beam
 Building Use : Residential
 Building Code : IBC
 Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 18' 10 1/2" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

Supports	Bearing			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Column - SPF	3.50"	3.50"	1.50"	479	2027/-278	2506/-278	Blocking
2 - Column - SPF	3.50"	3.50"	2.79"	1524	5563	7087	Blocking
3 - Column - SPF	3.50"	3.50"	1.50"	479	2027/-278	2506/-278	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Loads	Location	Tributary Width	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 18' 10 1/2"	12'	10.0	40.0	Floor

Weyerhaeuser Notes

Weyerhaeuser warrants that the sizing of its products will be in accordance with Weyerhaeuser product design criteria and published design values. Weyerhaeuser expressly disclaims any other warranties related to the software. Refer to current Weyerhaeuser literature for installation details. (www.woodbywy.com) Accessories (Rim Board, Blocking Panels and Squash Blocks) are not designed by this software. Use of this software is not intended to circumvent the need for a design professional as determined by the authority having jurisdiction. The designer of record, builder or framer is responsible to assure that this calculation is compatible with the overall project. Products manufactured at Weyerhaeuser facilities are third-party certified to sustainable forestry standards. Weyerhaeuser Engineered Lumber Products have been evaluated by ICC ES under technical reports ESR-1153 and ESR-1387 and/or tested in accordance with applicable ASTM standards. For current code evaluation reports refer to http://www.woodbywy.com/services/s_CodeReports.aspx.

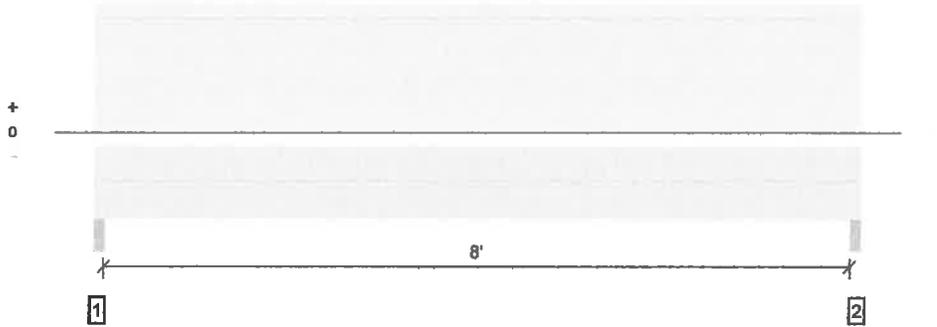
The product application, input design loads, dimensions and support information have been provided by Forte Software Operator



Forte Software Operator	Job Notes
Dean Hendrix FP Supply (317) 357-8058 dhendrix@fp-supply.com	For: KI Lumber Clarksville Mike Nelson Job: R&W DEEB

2 piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL

Overall Length: 8' 6"



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.; Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	729 @ 1 1/2"	7613 (3.00")	Passed (10%)	--	1.0 D (All Spans)
Shear (lbs)	516 @ 1' 2 7/8"	7107	Passed (7%)	0.90	1.0 D (All Spans)
Moment (Ft-lbs)	1459 @ 4' 3"	16063	Passed (9%)	0.90	1.0 D (All Spans)
Live Load Defl. (In)	0.000 @ 0	0.275	Passed (2L/999+)	--	1.0 D (All Spans)
Total Load Defl. (in)	0.022 @ 4' 3"	0.412	Passed (L/999+)	--	1.0 D (All Spans)

System : Wall
 Member Type : Header
 Building Use : Residential
 Building Code : IBC
 Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 8' 6" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

Supports	Bearing			Loads to Supports (lbs)		Accessories
	Total	Available	Required	Dead	Total	
1 - Trimmer - SPF	3.00"	3.00"	1.50"	729	729	None
2 - Trimmer - SPF	3.00"	3.00"	1.50"	729	729	None

Loads	Location	Tributary Width	Dead (0.90)	Comments
1 - Uniform (PSF)	0 to 8' 6"	16'	10.0	Gable Wall

Weyerhaeuser Notes

Weyerhaeuser warrants that the sizing of its products will be in accordance with Weyerhaeuser product design criteria and published design values. Weyerhaeuser expressly disclaims any other warranties related to the software. Refer to current Weyerhaeuser literature for installation details. (www.woodbywy.com) Accessories (Rim Board, Blocking Panels and Squash Blocks) are not designed by this software. Use of this software is not intended to circumvent the need for a design professional as determined by the authority having jurisdiction. The designer of record, builder or framer is responsible to assure that this calculation is compatible with the overall project. Products manufactured at Weyerhaeuser facilities are third-party certified to sustainable forestry standards. Weyerhaeuser Engineered Lumber Products have been evaluated by ICC ES under technical reports ESR-1153 and ESR-1387 and/or tested in accordance with applicable ASTM standards. For current code evaluation reports refer to http://www.woodbywy.com/services/s_CodeReports.aspx.

The product application, Input design loads, dimensions and support information have been provided by Forte Software Operator



Forte Software Operator	Job Notes
Dean Hendrix FP Supply (317) 857-8058 dhendrix@fp-supply.com	For: KI Lumber Clarksville Mike Nelson Job: R&W DEEB

3/9/2016 3:39:14 PM
 Forte v5.0, Design Engine: V6.4.0.40

01: Level			
Member Name	Results	Current Solution	Comments
Garage: Header	Passed	2 Piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL	
Center Garage: Drop Beam	Passed	2 Piece(s) 1 3/4" x 11 7/8" 2.0E Microllam® LVL	

Forte Software Operator	Job Notes
Dean Hendrix FP Supply (317) 357-8058 dhendrix@fp-supply.com	For: KI Lumber Clarksville Mike Nelson Job: R&W DEEB

118 EAST ORBMSBY AVENUE

BL 9779395



Louisville Metro

Department Of Inspections, Permits & Licenses

118 E Ormsby
New Carriage House

Location

Comments

Fire Official

Date

Site Improvements

Date

Construction Review Officer

Date

3/4/2015

Each section signed indicates plan approval subject to comments and conditions on permit.

Failure of this office to note all violations in the review of plans & specifications does not relieve the builder, architect and/or engineers of the responsibility of complying with the Kentucky building code and all applicable codes and regulations.

Signature of Agent

Date

ON THE GO DESIGN

118 East Ormsby Avenue
Louisville, KY 40203

G104

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE KENTUCKY BUILDING CODE AND ALL APPLICABLE CODES AND REGULATIONS.