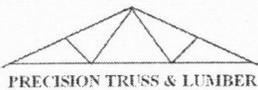


City of Portland
 REVIEWED FOR CODE
 COMPLIANCE
 JUN 17 2013
 Permit Number _____



11550 SE Jennifer St

Client YUECHAN COMPANY LLC.

Date 1/16/2013

Job Name

Job Number

OT-09439

Sales Person CLIFF PUCKETT

Pitch 4/12

Phone: 503-656-2983 Ext 124

Overhang 18"

email: cpuckett@precisionrooftrusses.com

Loading 25-7-0-10



13-108710A



MiTek USA, Inc.

7777 Greenback Lane
Suite 109
Citrus Heights, CA, 95610
Telephone 916/676-1900
Fax 916/676-1909

Re: OT-09439
YUECHAN COMPANY LLC.

The truss drawing(s) referenced below have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Precision Roof Trusses, Inc.

Pages or sheets covered by this seal: R35758998 thru R35759000

My license renewal date for the state of Oregon is June 30, 2014.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.



Digital Signature

EXPIRATION DATE: 06/30/14

January 17, 2013

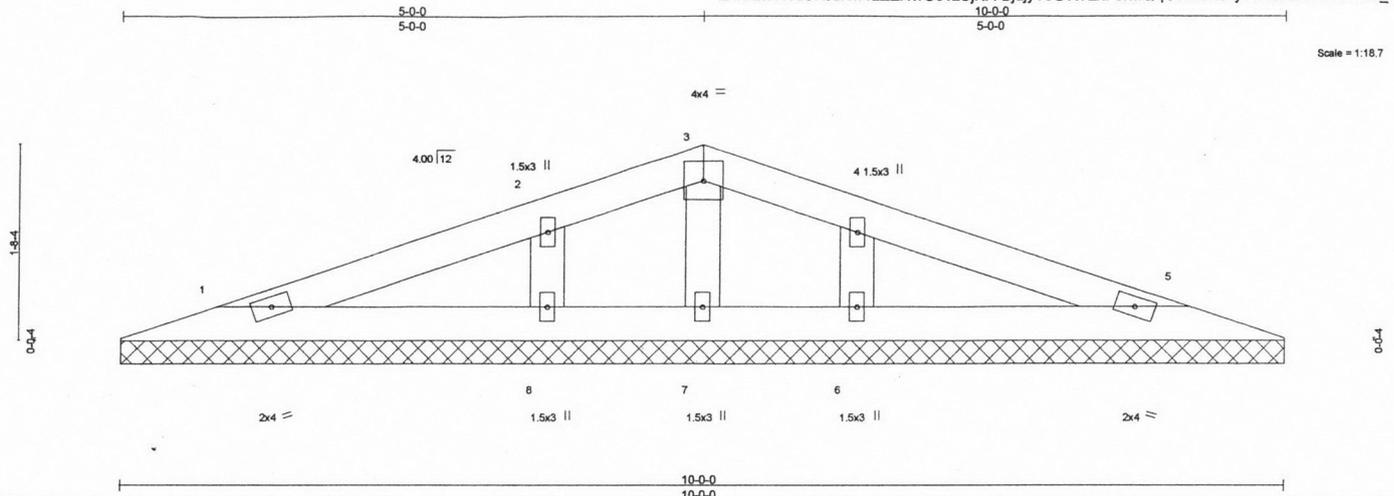
Tingey, Palmer

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.

| | | | | | | |
|----------|-------|---------------|-----|-----|--------------------------|-----------|
| Job | Truss | Truss Type | Qty | Ply | YUECHAN COMPANY LLC. | R35759000 |
| OT-09439 | B01 | SPECIAL TRUSS | 1 | 1 | Job Reference (optional) | |

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

7.250 s Aug 25 2011 MiTek Industries, Inc. Wed Jan 16 12:50:07 2013 Page 1
ID:nRkWWdCKJLNw1zEZRvO9vzUjNA-BjujyT5GW72x5rMQqOtymmc7yTwcaRrHY99EizulG_



Scale = 1:18.7

| LOADING (psf) | SPACING | CSI | DEFL | PLATES | GRIP |
|---------------|----------------------|----------|-------------------------|---------------|---------|
| TCLL 25.0 | 2-0-0 | TC 0.06 | in (loc) l/def L/d | MT20 | 220/195 |
| TCDL 7.0 | Plates Increase 1.15 | BC 0.03 | Vert(LL) n/a - n/a 999 | | |
| BCLL 0.0 * | Lumber Increase 1.15 | WB 0.03 | Vert(TL) n/a - n/a 999 | | |
| BCDL 10.0 | Rep Stress Incr YES | (Matrix) | Horz(TL) 0.00 5 n/a n/a | | |
| | Code IRC2009/TPI2007 | | | Weight: 29 lb | FT = 0% |

LUMBER

TOP CHORD 2 x 4 DF No.1&Btr G
BOT CHORD 2 x 4 DF No.1&Btr G
OTHERS 2 x 4 DF Std G

BRACING

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

REACTIONS

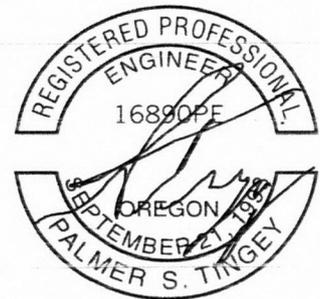
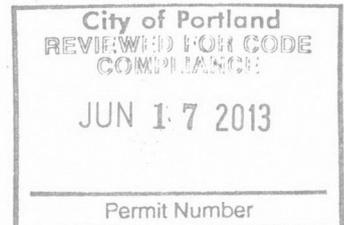
All bearings 10-0-0.
(lb) - Max Horz 1=18(LC 5)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7, 8, 6
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=254(LC 1), 6=254(LC 1)

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

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 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 1-2002.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- A plate rating reduction of 20% has been applied for the green lumber members.
- 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



Digital Signature

EXPIRATION DATE: 06/30/14

January 17, 2013

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.

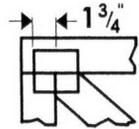
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure 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/TPI1 Quality Criteria, D58-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 781 N. Lee Street, Suite 312, Alexandria, VA 22314. If Southern Pine (SP or SPp) lumber is specified, the design values are those effective 06/01/2012 by ALSC or proposed by SPIB.



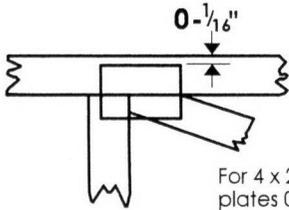
7777 Greenback Lane, Suite 109
Citrus Heights, CA, 95610

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.



This symbol indicates the required direction of slots in connector plates.

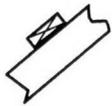
* Plate location details available in MiTek 20/20 software or upon request.

PLATE SIZE

4 x 4

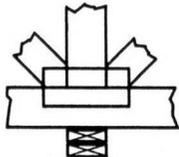
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

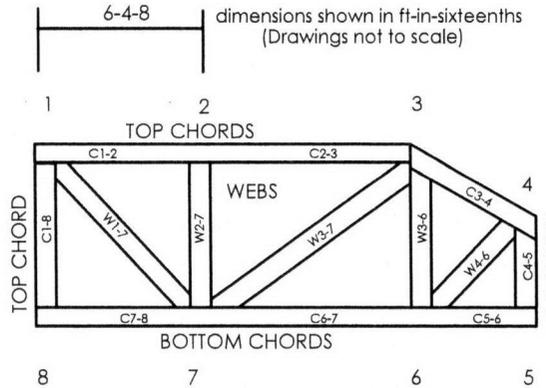


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

- ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
- DSB-89: Design Standard for Bracing.
- BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Southern Pine lumber designations are as follows:

- SYP represents current/old values as published by AWC in the 2005/2012 NDS
- SPP represents SPIB proposed values as provided in SPIB submittal to ALSC dated Sept 15, 2011
- SP represents ALSC approved/new values with effective date of June 1, 2012 (2x4 No 2 and lower grades and smaller sizes), and all MSR/MEL grades

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MiTek Engineering Reference Sheet: MI-7473 rev. 09/04/2012

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative to I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

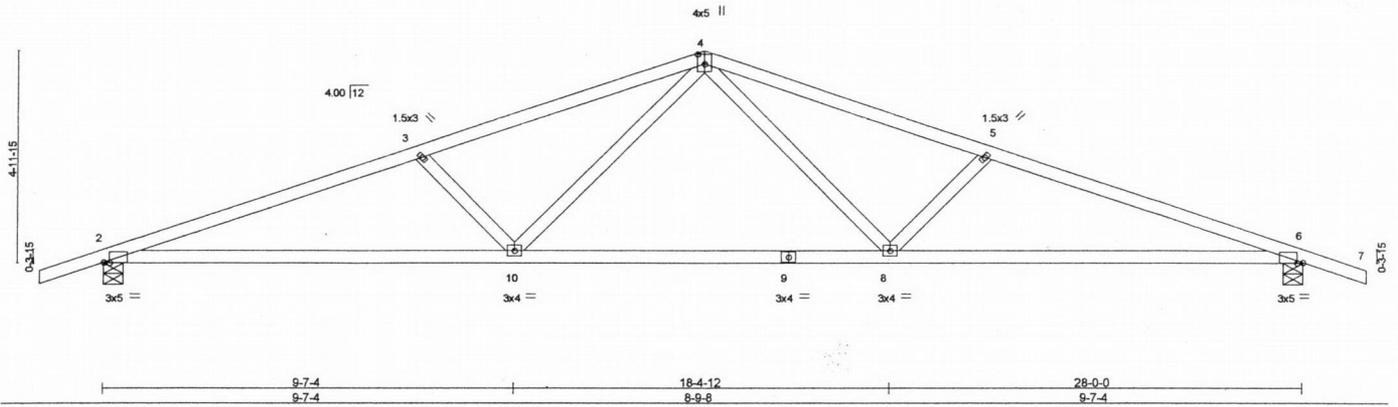


| | | | | | | |
|----------|-------|------------|-----|-----|----------------------|-----------|
| Job | Truss | Truss Type | Qty | Ply | YUECHAN COMPANY LLC. | R35758999 |
| OT-09439 | A02 | FINK | 18 | 1 | | |

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

7.250 s Aug 25 2011 MiTek Industries, Inc. Wed Jan 16 12:50:06 2013 Page 1

ID:nRkWWdCKJLNw1zEZRwrO9vzUjNA-jWKLK74elpw4exGAs6te?YDKGY_xt2Ri2uPcisziG?



| | | | | | |
|----------------------|----------------------|------------|-----------------------------|----------------|-------------|
| LOADING (psf) | SPACING | CSI | DEFL | PLATES | GRIP |
| TCLL 25.0 | 2-0-0 | TC 0.50 | in (loc) l/defl L/d | MT20 | 220/195 |
| TCDL 7.0 | Plates Increase 1.15 | BC 0.60 | Vert(LL) -0.17 6-8 >999 240 | | |
| BCLL 0.0 * | Lumber Increase 1.15 | WB 0.33 | Vert(TL) -0.58 6-8 >571 180 | | |
| BCDL 10.0 | Rep Stress Incr YES | (Matrix) | Horz(TL) 0.11 6 n/a n/a | | |
| | Code IRC2009/TPI2007 | | | Weight: 108 lb | FT = 0% |

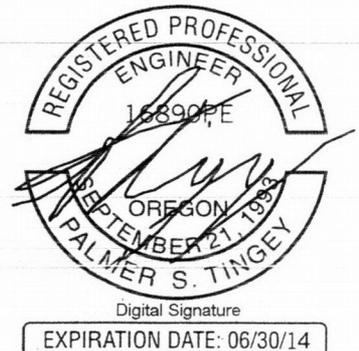
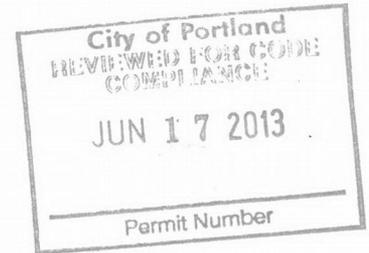
| | |
|-------------------------------|---|
| LUMBER | BRACING |
| TOP CHORD 2 x 4 DF No.1&Btr G | TOP CHORD Structural wood sheathing directly applied or 3-4-7 oc purlins. |
| BOT CHORD 2 x 4 DF No.1&Btr G | BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. |
| WEBS 2 x 4 DF Std G | |

REACTIONS (lb/size) 2=1267/0-5-8 (min. 0-1-8), 6=1267/0-5-8 (min. 0-1-8)
 Max Horz 2=81(LC 6)
 Max Uplift 2=262(LC 3), 6=262(LC 4)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=2733/414, 3-4=2397/341, 4-5=2397/341, 5-6=2733/414
 BOT CHORD 2-10=369/2518, 9-10=175/1713, 8-9=175/1713, 6-8=309/2518
 WEBS 3-10=485/221, 4-10=69/755, 4-8=69/755, 5-8=485/221

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - 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



January 17, 2013

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
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 If Southern Pine (SP or SPP) lumber is specified, the design values are those effective 06/01/2012 by ALSC or proposed by SPIB.



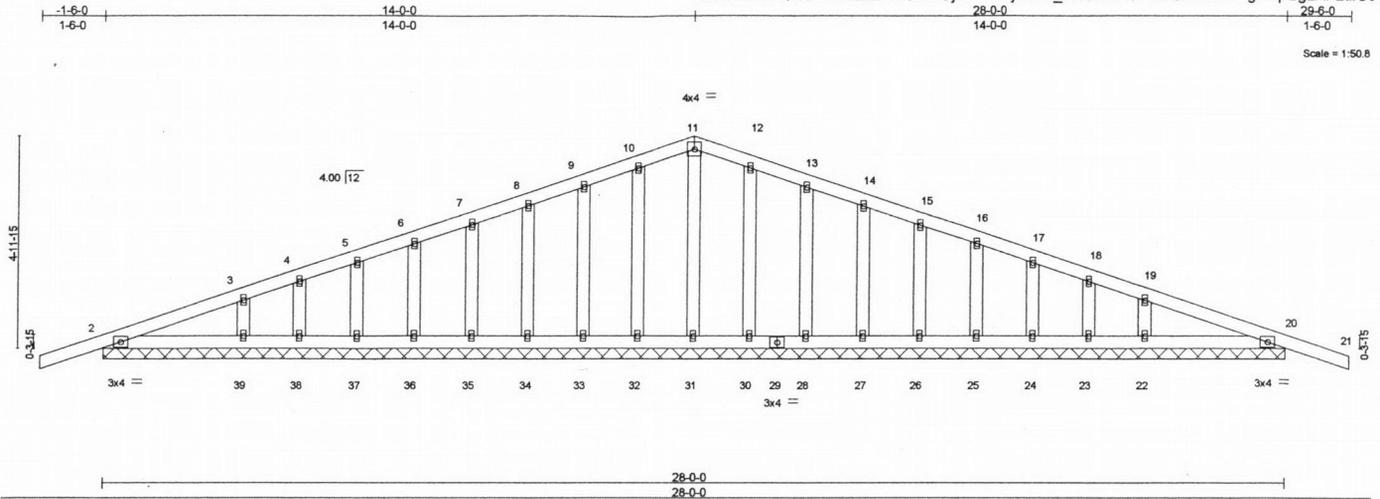
| | | | | | | |
|----------|-------|---------------|-----|-----|--------------------------|-----------|
| Job | Truss | Truss Type | Qty | Ply | YUECHAN COMPANY LLC. | R35758998 |
| OT-09439 | A01 | Special Truss | 2 | 1 | Job Reference (optional) | |

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

7.250 s Aug 25 2011 MiTek Industries, Inc. Wed Jan 16 12:50:05 2013 Page 1

ID:nRkWWdCKJLNw1zEZRvRO9vzUjNA-FKnyXo30_WoD0nhzJPMPShFt8nK8gwYpEg2APzulG0

Scale = 1:50.8



| | | | | | | | |
|----------------------|----------------------|------------|----------------------|---------------|------------|----------------|-------------|
| LOADING (psf) | SPACING 2-0-0 | CSI | DEFL in (loc) | L/defl | L/d | PLATES | GRIP |
| TCLL 25.0 | Plates Increase 1.15 | TC 0.10 | Vert(LL) -0.01 21 | n/r | 120 | MT20 | 220/195 |
| TCDL 7.0 | Lumber Increase 1.15 | BC 0.04 | Vert(TL) -0.00 21 | n/r | 90 | | |
| BCLL 0.0 * | Rep Stress Incr YES | WB 0.03 | Horz(TL) 0.00 20 | n/a | n/a | | |
| BCDL 10.0 | Code IRC2009/TPI2007 | (Matrix) | | | | | |
| | | | | | | Weight: 141 lb | FT = 0% |

LUMBER

TOP CHORD 2 x 4 DF No.1&Btr G
 BOT CHORD 2 x 4 DF No.1&Btr G
 OTHERS 2 x 4 DF Std G

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.

REACTIONS

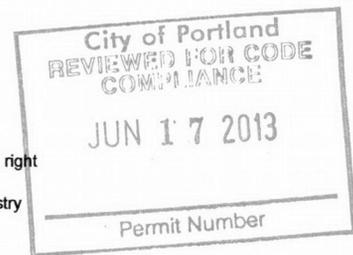
All bearings 28-0-0.
 (lb) - Max Horz 2=81(LC 6)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 32, 33, 34, 35, 36, 37, 38, 39, 30, 28, 27, 26, 25, 24, 23, 22 except 20=109(LC 4)
 Max Grav All reactions 250 lb or less at joint(s) 2, 31, 32, 33, 34, 35, 36, 37, 38, 39, 30, 28, 27, 26, 25, 24, 23, 22, 20

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

NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 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 1-2002.
- All plates are 1.5x3 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- A plate rating reduction of 20% has been applied for the green lumber members.
- 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



Digital Signature

EXPIRATION DATE: 06/30/14

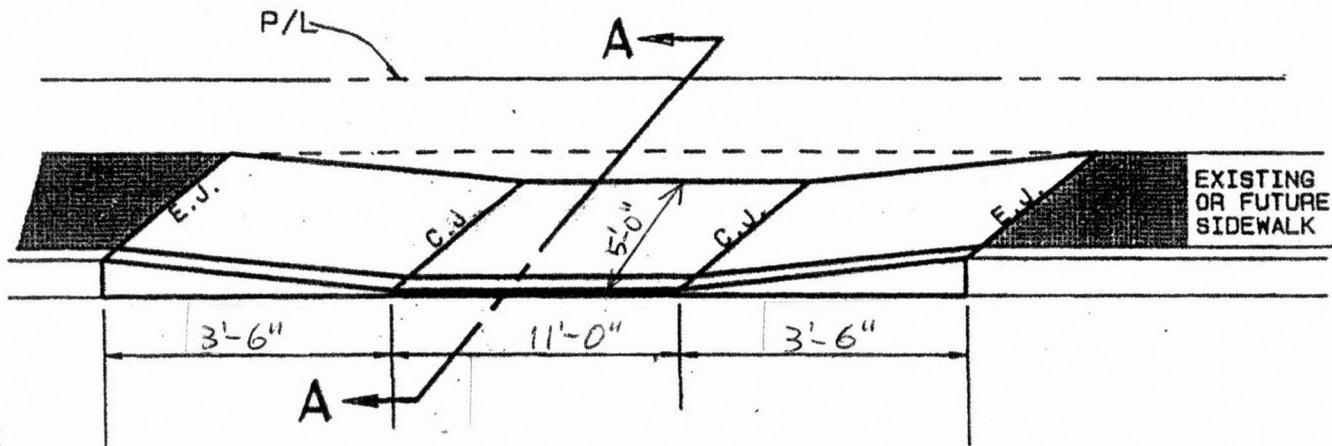
January 17, 2013

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure 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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 781 N. Lee Street, Suite 312, Alexandria, VA 22314. If Southern Pine (SP or SPP) lumber is specified, the design values are those effective 06/01/2012 by ALSC or proposed by SPIB.

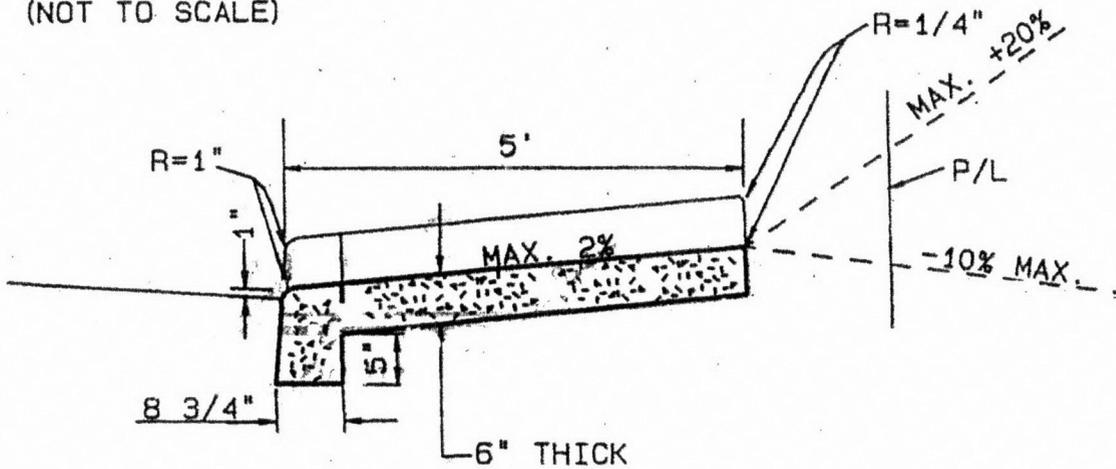


7777 Greenback Lane, Suite 109
 Citrus Heights, CA, 95610



EXISTING OR FUTURE SIDEWALK

(NOT TO SCALE)



SECTION A-A

NOTES:

E.J. - EXPANSION JOINT
C.J. - CONTRACTION JOINT

Residential Driveway Drop Ramp
not to scale

City of Portland
REVIEWED FOR CODE
COMPLIANCE
JUN 17 2013
Permit Number

BD3
DOCUMENT SERVICES

1052 SE 135th Ave
Portland, OR 97233

Notes & Supplemental Information

Attached 5 1/2 x 11 sheets are
 this plan approval. Plans
 considered null and void without
 information attached to the
 set of plans.

SEE SEPARATE PERMIT
 83228
 FOR INFORMATION ON PUBLIC
 RIGHT - OF-WAY IMPROVEMENTS

BUILDING AREA 1696 SQ. FT.
 FLAG AREA 6050 SQ. FT. = 28%
 (LOT SIZE 8260 SQ. FT.)

IMPERVIOUS AREA:
 DRIVEWAY + FRONT PORCH → 766 SQ. FT.
 ROOF (INCL. OVERHANG) → 1999 SQ. FT.
 TOTAL: 2765 SQ. FT.

STORMWATER FACILITY EVALUATION REQUIRED AT TIME OF
 INSPECTION. CALL 503-823-7000 TO SCHEDULE THE
 FOLLOWING: S #487 Drywell

EXCAVATION REVIEW OF SUBGRADE DRAINAGE
 MATERIALS AND PIPING
 DATE COMPLETED: _____

SEPARATE SEWER CONNECTION
 PERMIT REQUIRED AND CITY
 WAY INSPECTOR APPROVAL
 SANITARY 13-1193574B

SE 135th AVE

CURB

42' EXISTING CONCRETE SIDEWALK

STREET TREES NOT REQUIRED
 AT THIS TIME

BUS
 DOCUMENT SERVICES

28" x 10' or 48" x 5' depth
 drywell for 1999sq.ft. area

CONCRETE DRIVEWAY

FOUNDATION DRAIN

2-STORY NEW HOUSE

EXISTING GARAGE

POST ADDRESS 1108

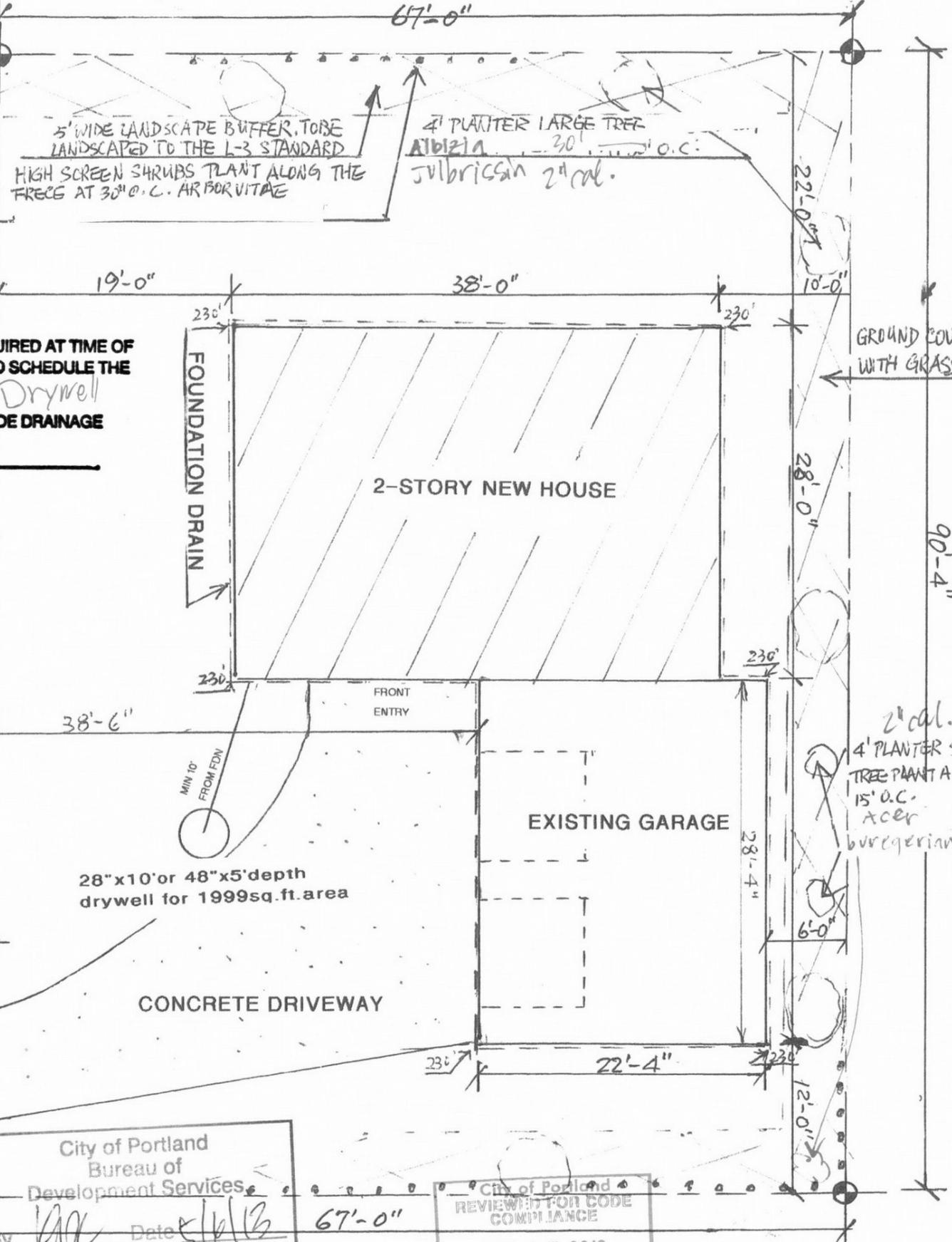
EXPEND DRIVEWAY TO MEET
 ADA REQUIREMENT

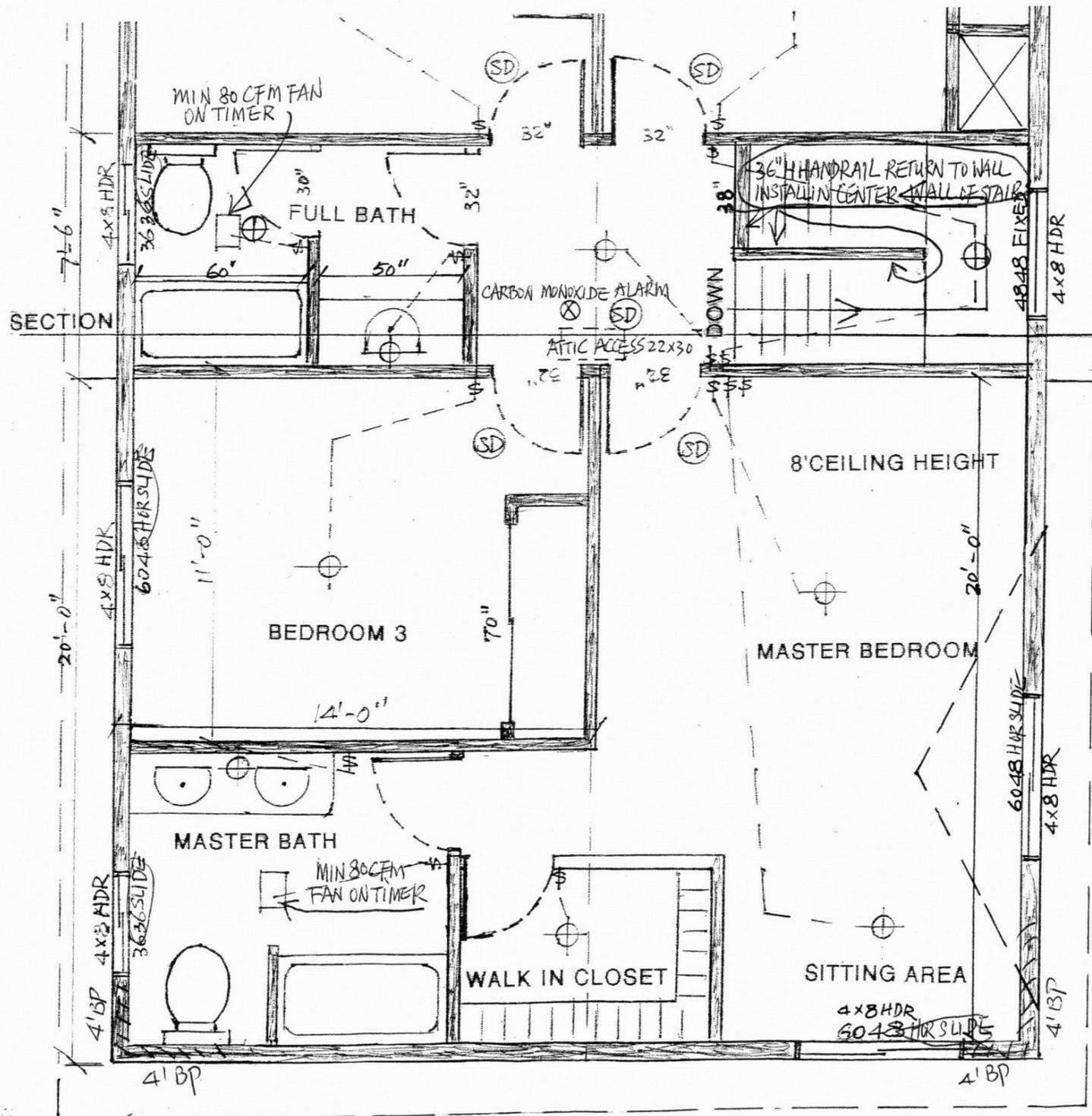
EXISTING DRIVEWAY
 DROP RAMP

City of Portland
 Bureau of
 Development Services
 By *[Signature]* Date 5/16/13
 Approved by
 Planning and Zoning Review

City of Portland
 REVIEWED FOR CODE
 COMPLIANCE
 JUN 17 2013
 1052 SE 135th AVE
 PORTLAND, OR 97233
 Permit Number

SITE PLAN (LOT 8260 SQ. FT.)
 SCALE: 1" = 10'

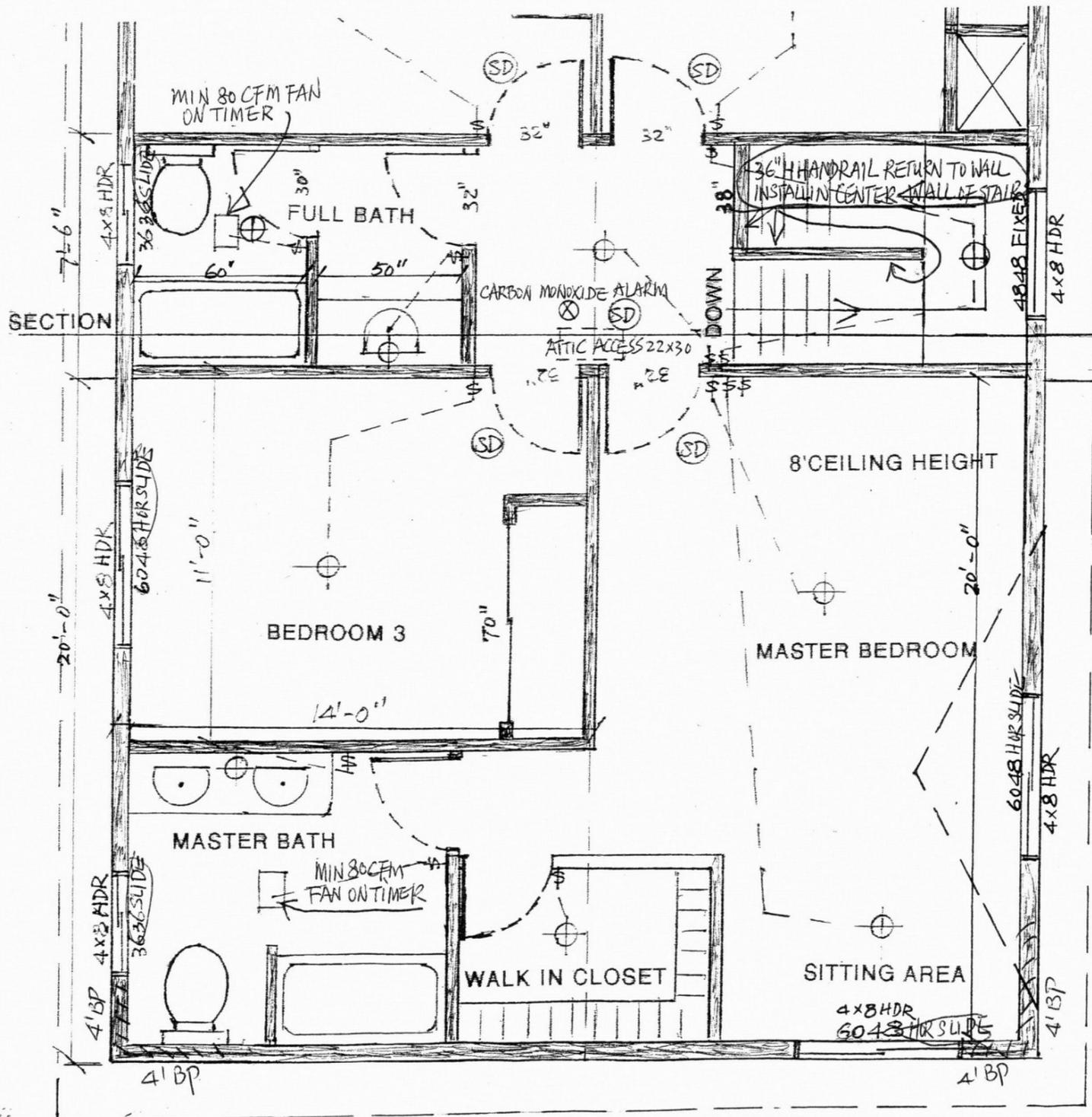




UPPER FLOOR PLAN (1064 SQ FT)

SCALE: 1/4" = 1' 8' CEILING HEIGHT

3 1052 SE 13
PORTLAND



UPPER FLOOR PLAN (1064 SQ FT)

SCALE: 1/4" = 1' 8' CEILING HEIGHT

3 1052 SE 13
PORTLAND

