1 / A-5 PLUMBING PLAN

SCALE: 1/4" = 1'-0"

REV. NO.	DATE	REMARKS

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VERSION 03
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OPTION
OPTION DESCRIPTION

MODEL
BATEMAN
DRAWING TITLE
PLUMBING PLAN

SHEET NO.
A-5

42

C:\NVR\Solves\BATEMAN_BAT00_03\DCY-VG-K469\912594\Sheets\Lot Specific\42 A-5 PLMG_LS.dwg 08/22/18 - 2:25 am

FLOOR PLAN NOTES

1. ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED
4. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
5. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
6. SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
8. ALL WINDOWS HAVE **7'-0 1/2"** HEADER HEIGHT UNLESS OTHERWISE NOTED.

GYPSUM NOTES

AT GARAGE:

GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL **FA-1(b)** FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

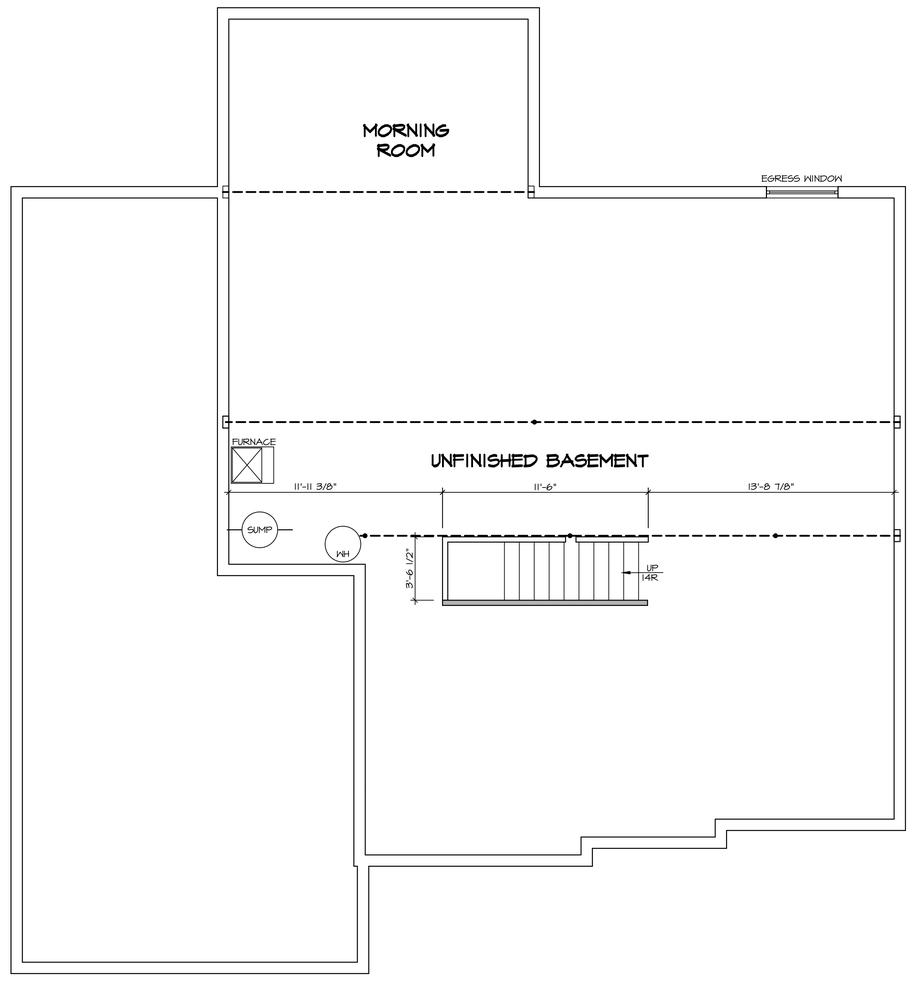
AT STAIRS:

1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- J_ JACKS
- B_ BEAM/HEADER
- F_ PAD FOOTING
- C_ STEEL COLUMN
- X PORTAL FRAME
- X JOIST/TRUSS
- L___-__ LVL
- X ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS



1 / A-6 BASEMENT FLOOR PLAN

SCALE: 1/4" = 1'-0"

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OPTION

MODEL: BATEMAN
DRAWING TITLE: BASEMENT FLOOR PLAN

OPTION DESCRIPTION

SHEET NO. A-6

46

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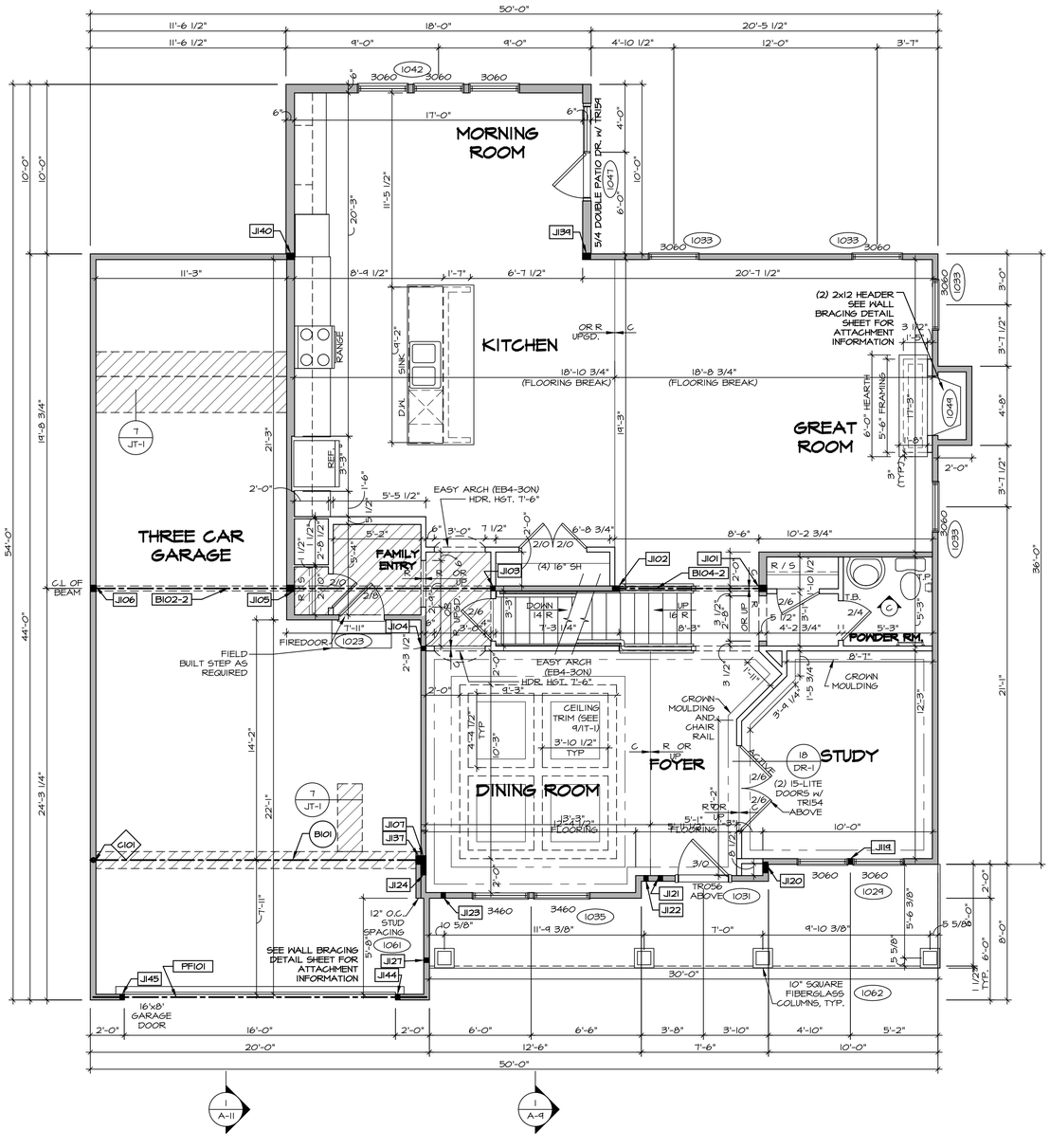

1 / A-7 FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS

FLOOR PLAN NOTES

1. ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED
4. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
5. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
6. SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
8. ALL WINDOWS HAVE **7'-0 1/2"** HEADER HEIGHT UNLESS OTHERWISE NOTED.

GYPSUM NOTES

AT GARAGE:

GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL **FA-1(b)** FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:

1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

LVL PLY TO PLY FASTENING SCHEDULE: (WHERE APPLICABLE BASED ON LVL USAGE)

1.A - (2) PLY UP TO AND INCLUDING 11 7/8" TALL: FASTEN PLIES W/ (2) ROWS 16D NAILS AT 12" O.C.
2.A - (2) PLY 14" TO AND 18" TALL (INCLUSIVE): FASTEN PLIES W/ (3) ROWS 16D NAILS AT 12" O.C.
3.A - (2) PLY 20" TALL AND OVER: FASTEN PLIES W/ (4) ROWS 16D NAILS AT 12" O.C.
4.A - (3) PLY UP TO AND INCLUDING 11 7/8" TALL: FASTEN PLIES W/ (2) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE
5.A - (3) PLY 14" TO AND 18" TALL (INCLUSIVE): FASTEN PLIES W/ (3) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE
6.A - (3) PLY 20" TALL AND OVER: FASTEN PLIES W/ (4) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE
7.A - (4) PLY (ALL SIZES). FASTEN PLIES W/ (2) ROWS 1/2" DIAMETER A307 BOLTS AT 24" O.C. SEE SHOP DRAWING FOR ADDITIONAL INFORMATION.

FIRST FLOOR JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.
JI01	JACK - (3) 2X6 SPF STUD GRADE		1012
JI02	JACK - (3) 2X4 SPF STUD GRADE		1012
JI03	JACK - (2) 2X4 SPF STUD GRADE		1020
JI04	JACK - (2) 2X4 SPF STUD GRADE		1008
JI05	JACK - (3) 2X6 SPF STUD GRADE		1020
JI06	JACK - (3) 2X4 SPF STUD GRADE		1020
JI07	JACK - (4) 2X4 SP#1		1025
JI19	JACK - (2) 2X4 SP#1	ELC	1029
JI20	JACK - (5) 2X4 SP#1	ELC	2000
JI21	JACK - (2) 2X4 SPF STUD GRADE	ELC	
JI22	JACK - (2) 2X4 SPF STUD GRADE	ELC	
JI23	JACK - (2) 2X4 SPF STUD GRADE	ELC	
JI24	JACK - (5) 2X4 SP#1	ELC	2000
JI27	JACK - (2) 2X4 SPF STUD GRADE	ELC	
JI37	JACK - (4) 2X4 SP#1		1025
JI39	JACK - (3) 2X6 SPF STUD GRADE	MAA	1027
JI40	JACK - (3) 2X6 SPF STUD GRADE	MAA	1027
JI44	JACK - (2) 2X4 SPF STUD GRADE	GCH	1051
JI45	JACK - (2) 2X4 SPF STUD GRADE	GCH	1051

STEEL COLUMN SCHEDULE

IDENTIFIER	STYLE	HEIGHT	OPTIONS	ENG. NUM.	REMARKS
CI01	STANCHION - 3 IN SCHED 40	9'-2 1/8"	GCH, FBA	1025	

FIELD INSTALLED FIRST FLOOR BEAM/HEADER SCHEDULE

IDENTIFIER	DESCRIPTION	LENGTH	OPTIONS	ENG. NUM.	REMARKS
BI01	BEAM STEEL - W10X30	19'-9"		1025	
BI02-2	LVL - 11-14	23'-10"		1020	1.A, 2-PLY, FIELD INSTALLED
BI04-2	LVL - 11-04	9'-1"		1012	
PFI01	EXT HEADER - 2X12 - 2 PLY	19'-8"	GCH	1051	2-PLY, PORTAL FRAME

REMARKS

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SET NO. BAT00
VERSION 03
DRAWN BY
DATE:
OPTION

MODEL BATEMAN
DRAWING TITLE FIRST FLOOR PLAN
OPTION DESCRIPTION

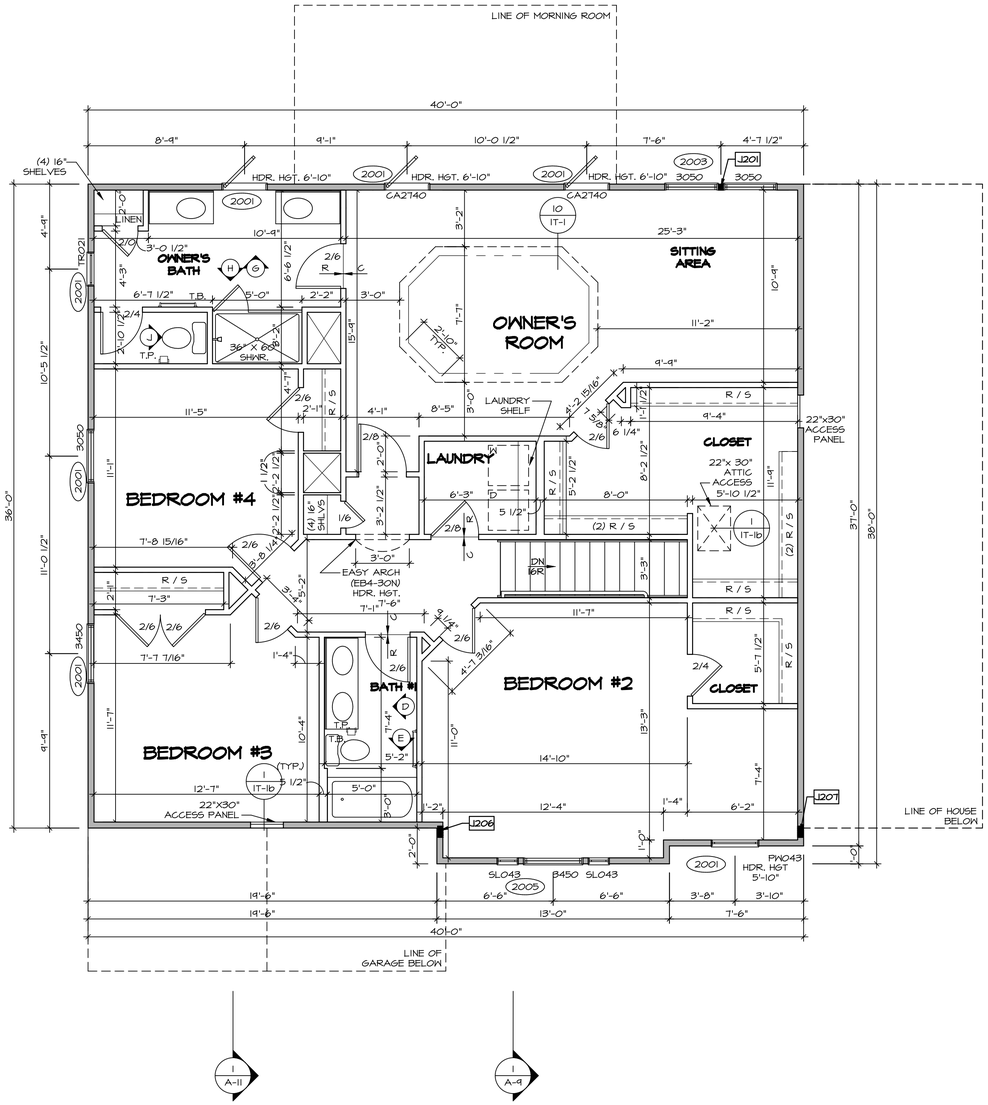
SHEET NO. A-7

49

SECOND FLOOR JACK SCHEDULE			
IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.
J201	JACK - (2) 2X4 SP#1	MAR	2003
J206	JACK - (5) 2X4 SP#1	ELC	2000
J207	JACK - (5) 2X4 SP#1	ELC	2000

FLOOR PLAN NOTES

1. ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK EACH END, UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS TO BE 4" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED
4. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
5. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
6. SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
8. ALL WINDOWS HAVE 7'-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.



SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE F.C. DETAILS FOR FRAMING CONNECTORS

REV. NO.	DATE	REMARKS
1	7/6/17	TH - REVISED ROOF ACCESS PANELS

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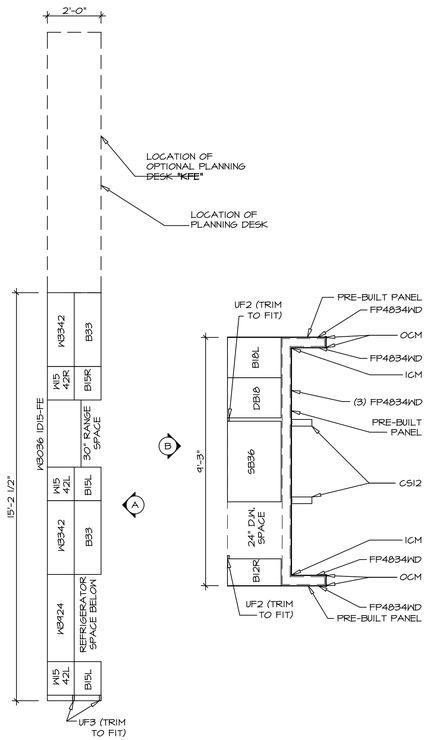
SET NO. BAT00
VERSION 03
DRAWN BY
DATE:
OPTION
OPTION DESCRIPTION

MODEL: BATEMAN
DRAWING TITLE: SECOND FLOOR PLAN

SHEET NO. A-8

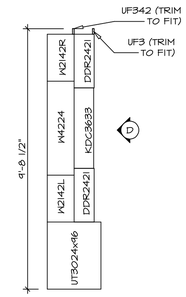
54



KITCHEN CABINET PLAN - KC-3146

1 / A-13

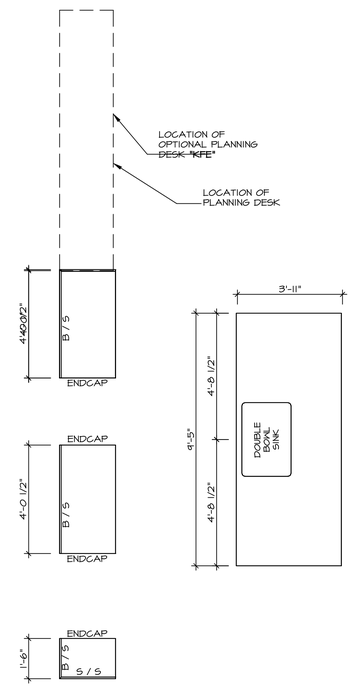
SCALE: 3/8" = 1'-0"



KITCHEN CABINET PLAN - KC-4215

5 / A-12

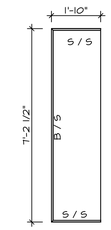
SCALE: 3/8" = 1'-0"



KITCHEN COUNTERTOP PLAN - KC-3146

2 / A-13

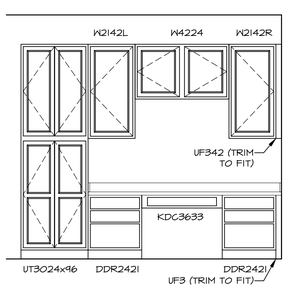
SCALE: 3/8" = 1'-0"



KITCHEN COUNTERTOP PLAN - KC-4215

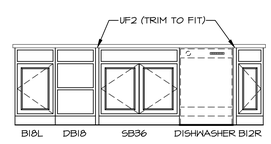
6 / A-12

SCALE: 3/8" = 1'-0"



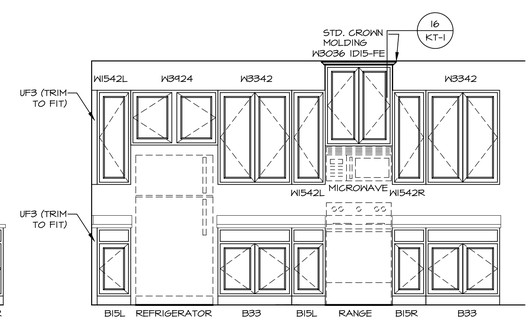
ELEVATION D

SCALE: 3/8" = 1'-0"



ELEVATION B

SCALE: 3/8" = 1'-0"



ELEVATION A

SCALE: 3/8" = 1'-0"

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OPTION

MODEL
BATEMAN
DRAWING TITLE
KITCHEN PLANS

OPTION DESCRIPTION

SHEET NO.
A-13

65

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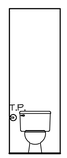
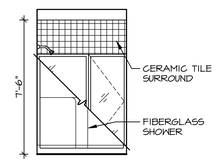
NOTES:

1. TEMPERED GLASS SHOWER ENCLOSURE WITH SWING DOOR OR OPTIONAL SLIDING DOOR BY DIVISION
2. TUB ACCESS PANELS PROVIDED AS NEEDED, ALL MATERIALS BY DIVISION
3. REFER TO SHEET IT-2 FOR TUB AND SHOWER DETAILS.
4. ALL VSDB24-42 DRAWERS TO BE SET ON RIGHT HAND.
5. BATH ELEVATIONS ARE SHOWN PER PLAN.



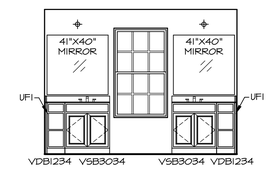
J OWNER'S BATH

SCALE: 1/4" = 1'-0"



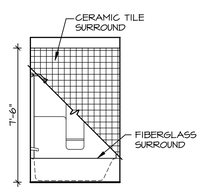
H OWNER'S BATH

SCALE: 1/4" = 1'-0"



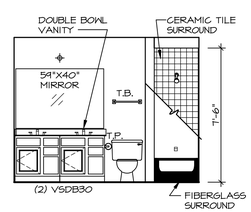
G OWNER'S BATH

SCALE: 1/4" = 1'-0"



E BATH #1

SCALE: 1/4" = 1'-0"



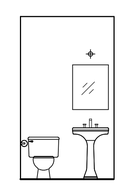
D BATH #1

SCALE: 1/4" = 1'-0"

PEDESTAL SINK WITH OVAL MIRROR

OWDER ROOM

ALE: 1/4" = 1'-0"



PEDESTAL SINK WITH SQUARE MIRROR

C POWDER ROOM

SCALE: 1/4" = 1'-0"

REV. NO.	DATE	REMARKS

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SET NO. BAT00
VERSION 03
DRAWN BY
DATE:
OPTION

SHEET NO. A-14

MODEL BATEMAN

DRAWING TITLE BATH ELEVATIONS

OPTION DESCRIPTION

70

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Job	Truss	Truss Type	Qty	Ply	00_MidAtlantic
ORDERS	VT-01287	VCOM	1	1	E11721880 Job Reference (optional)

NVR Homes, X

8.010 s Aug 11 2017 MiTek Industries, Inc. Fri Apr 27 12:17:33 2018 Page 2
ID:ZjPoipOKMMPKYznmg?wCcWyUXz0-5jZSTzxDeyvHexQUa?yafbu3BhuNZvjG29kvhXzMWdG

9-4-0 | 18-8-0
9-4-0 | 9-4-0

Scale = 1:58.5

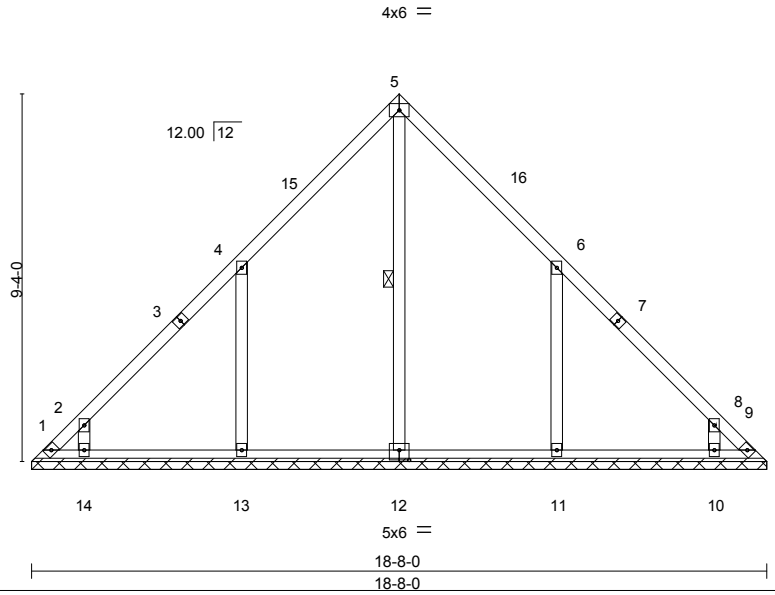

Plate Offsets (X,Y)-- [12:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plate Grip DOL	1.15	TC	0.54	Vert(LL)	n/a	-	n/a	999	MT20	197/144
(Roof Snow=30.0)		Lumber DOL	1.15	BC	0.19	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.01	9	n/a	n/a		
BCLL	0.0	Code IBC2015/TPI2014		Matrix-S							Weight: 95 lb	FT = 5%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP No.3 or 2x4 SPF Stud
BOT CHORD 2x4 SP No.3 or 2x4 SPF Stud
OTHERS 2x4 SP No.3 or 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.
WEBS 1 Row at midpt 5-12

REACTIONS. All bearings 18-8-0.
(lb) - Max Horz 1=-304(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-214(LC 10), 13=-364(LC 12), 14=-272(LC 12), 9=-162(LC 11), 11=-363(LC 13), 10=-272(LC 13)
Max Grav All reactions 250 lb or less at joint(s) except 1=334(LC 12), 12=310(LC 24), 13=497(LC 21), 14=382(LC 21), 9=299(LC 13), 11=497(LC 22), 10=382(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-456/282, 2-4=-280/201, 8-9=-406/275
BOT CHORD 1-14=-152/258, 13-14=-152/258, 12-13=-152/258, 11-12=-152/258, 10-11=-152/258, 9-10=-152/258
WEBS 4-13=-446/413, 2-14=-358/325, 6-11=-446/412, 8-10=-358/325

NOTES- (8-9)
1) Wind: ASCE 7-10; Vult=150mph (3-second gust) Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=33ft; Cat. II; Exp B; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) All plates are 3x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
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 214 lb uplift at joint 1, 364 lb uplift at joint 13, 272 lb uplift at joint 14, 162 lb uplift at joint 9, 363 lb uplift at joint 11 and 272 lb uplift at joint 10.

I certify that this document was prepared or approved by me, and I am a licensed professional engineer under the laws of the State of Maryland. Lic. No. 39640, Expiration Date: 11/30/18.

April 27,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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