

The Ari (1,644 sq ft) – Front





The Ari – Rear





The Ari – Left



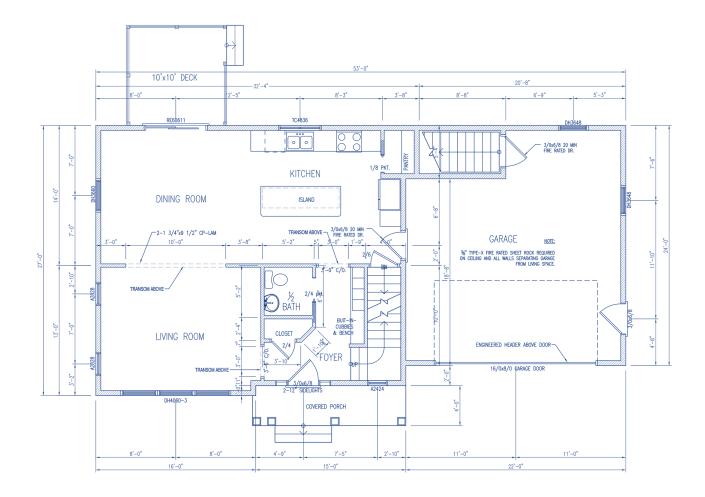


The Ari – Right



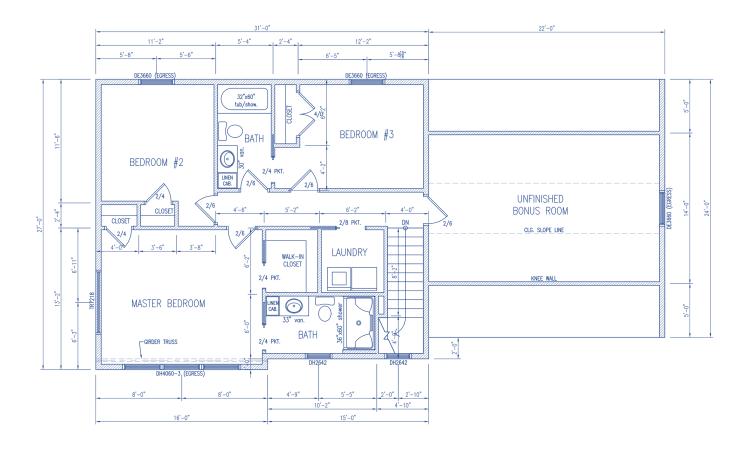


The Ari - First Floor Plan



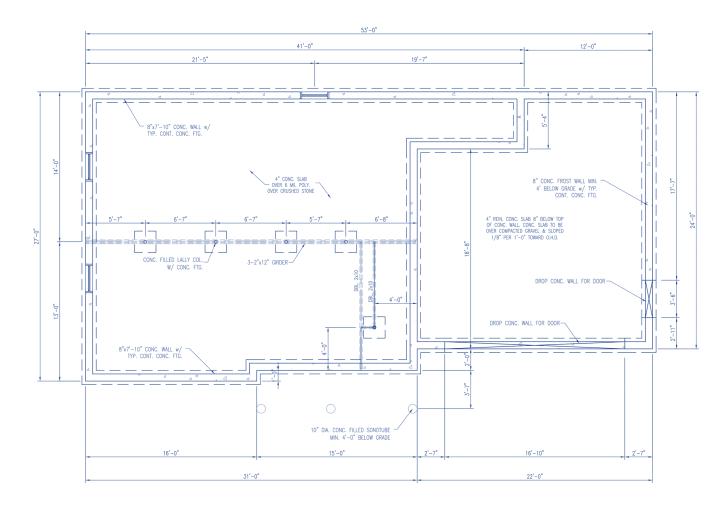


The Ari - Second Floor Plan



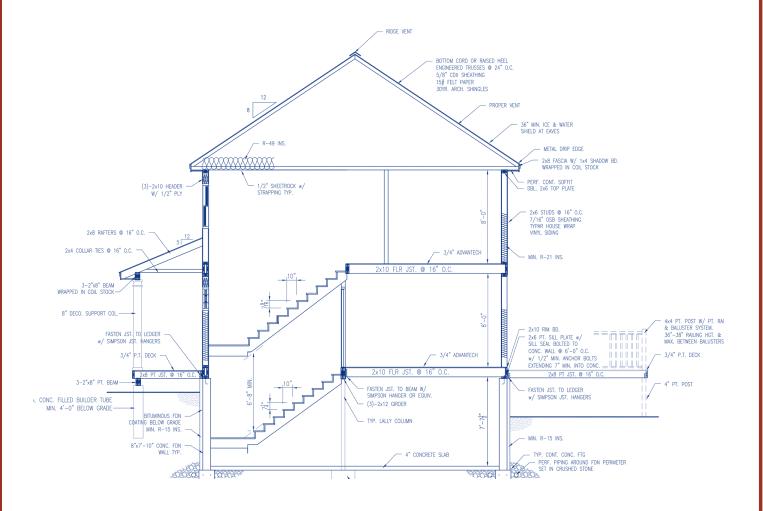


The Ari - Foundation Plan





The Ari - Cross-section 1



Kitchen Designs The Ari













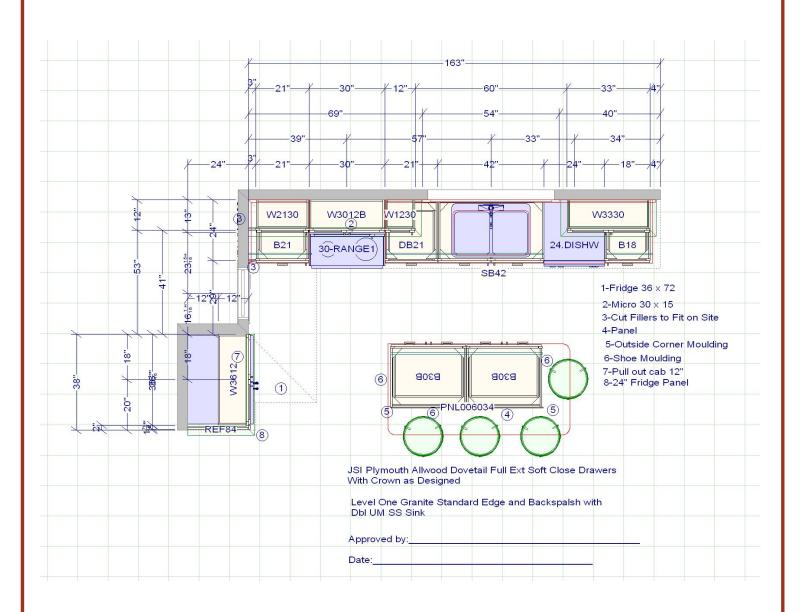




Kitchen Designs The Ari



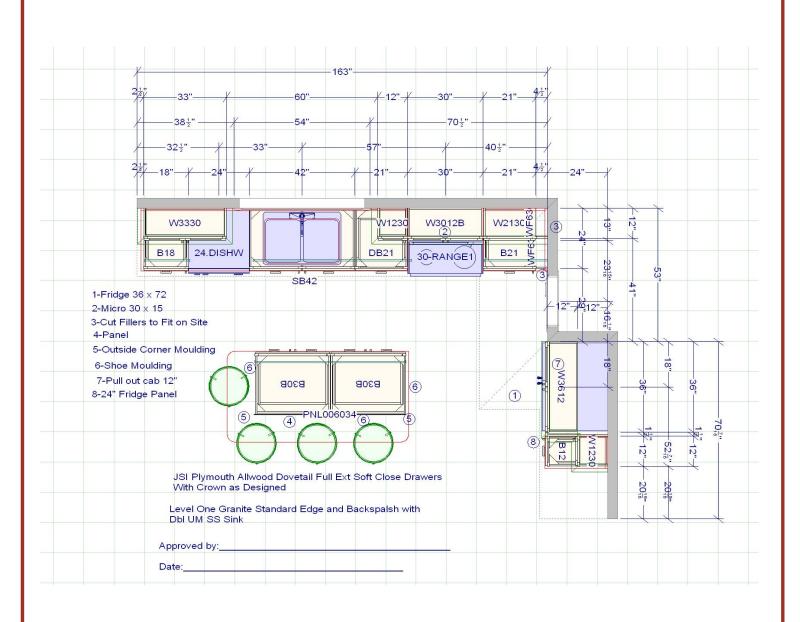
Kitchen Plan



Kitchen Designs The Ari

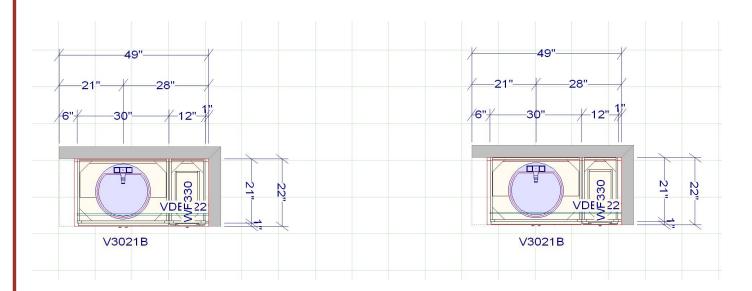


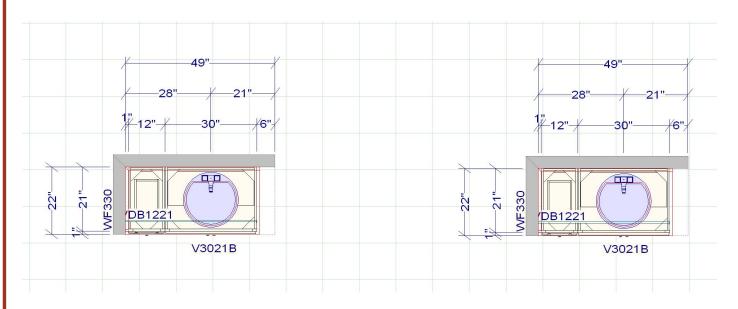
Kitchen Plan 2





Vanity Plans







The Holly (1,422 sq ft) – Front





The Holly - Rear





The Holly – Left



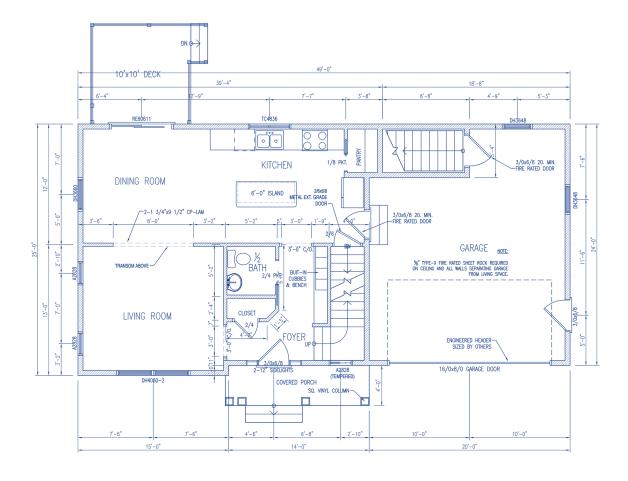


The Holly – Right



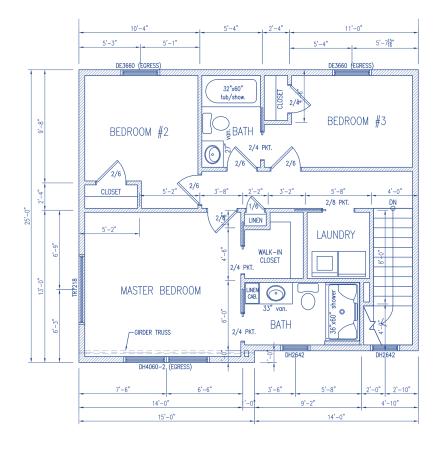


The Holly - First Floor Plan



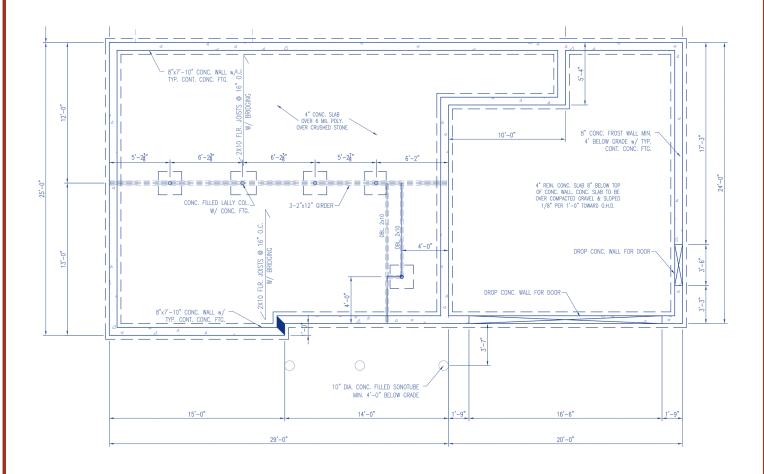


The Holly - Second Floor Plan



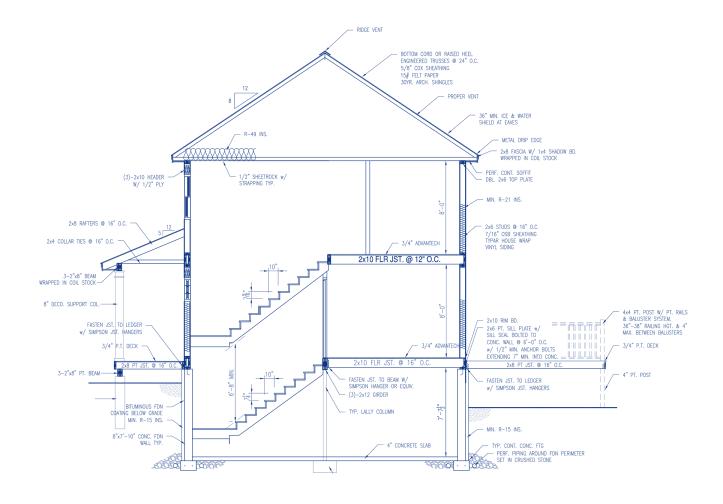


The Holly - Foundation Plan





The Holly - Cross-section 1









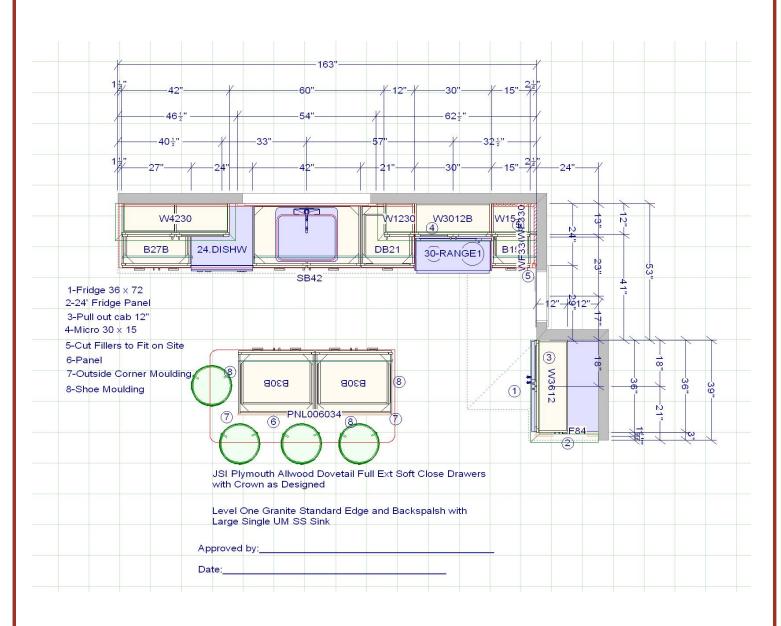








Kitchen Plan





Master Vanity

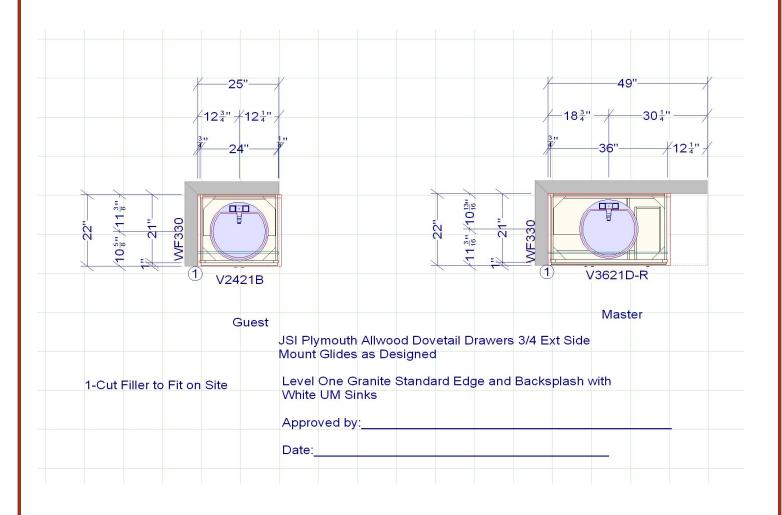


Guest Vanity





Vanity Plan





The Will (2,122 sq ft) - Front





The Will - Rear





The Will – Left



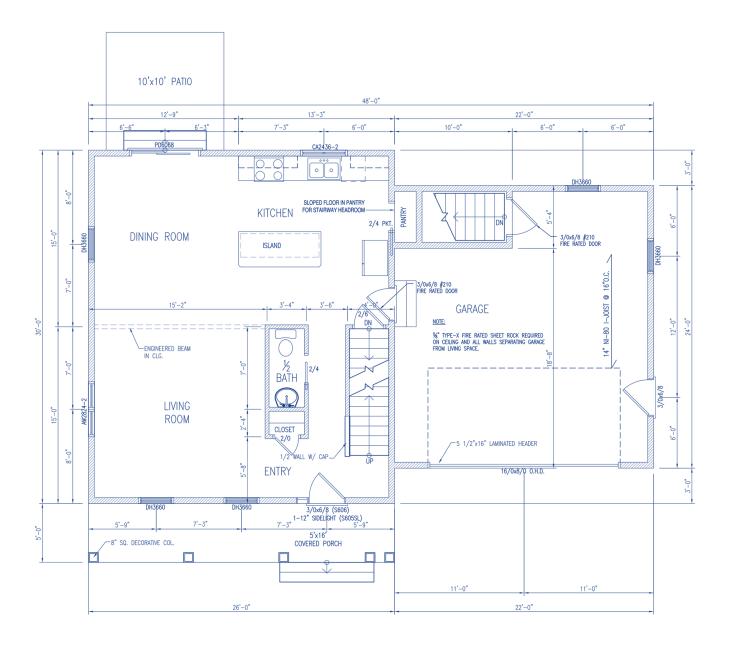


The Will – Right



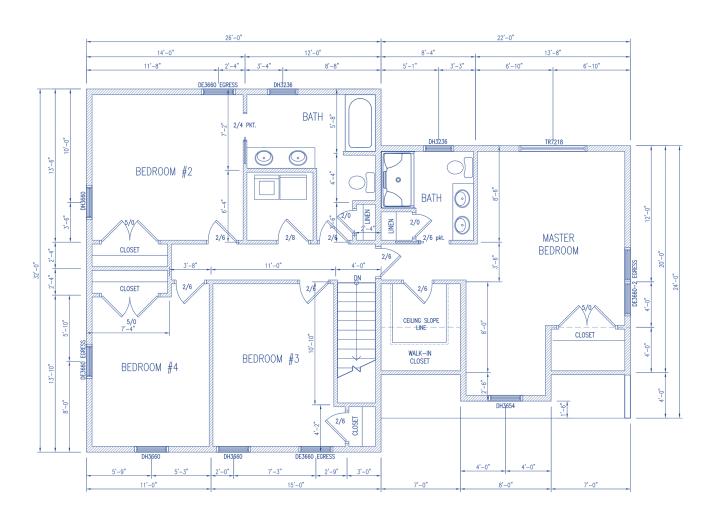


The Will - First Floor Plan



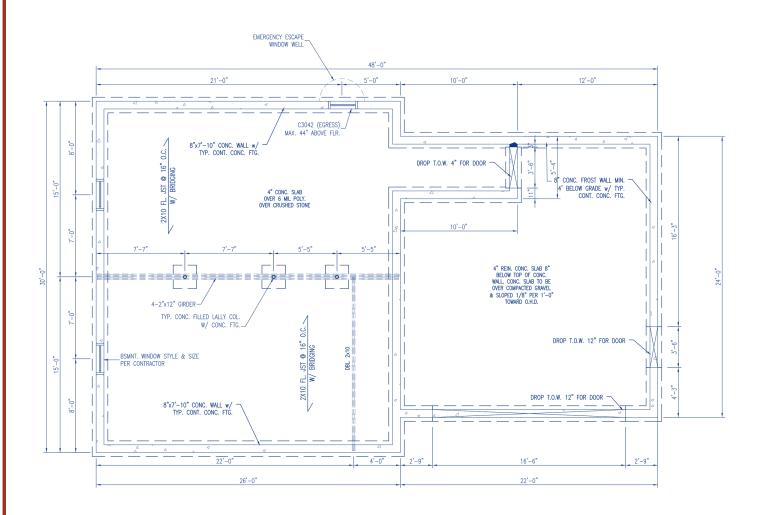


The Will - Second Floor Plan



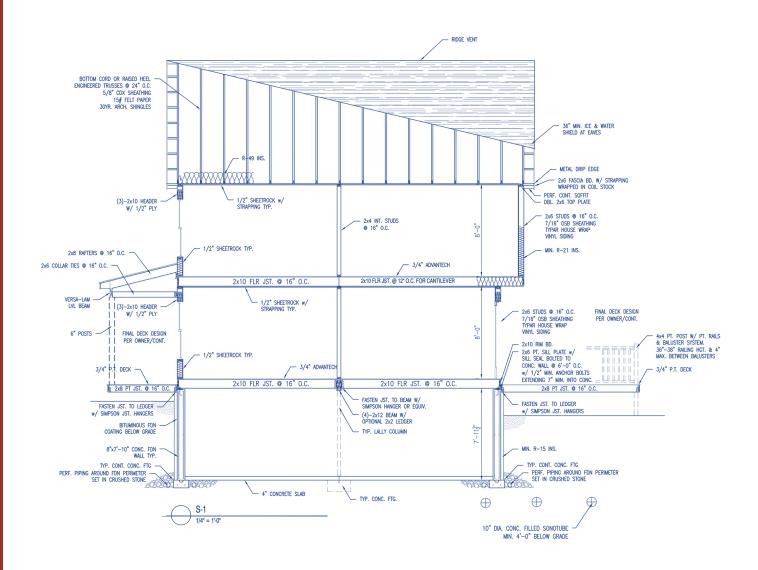


The Will - Foundation Plan



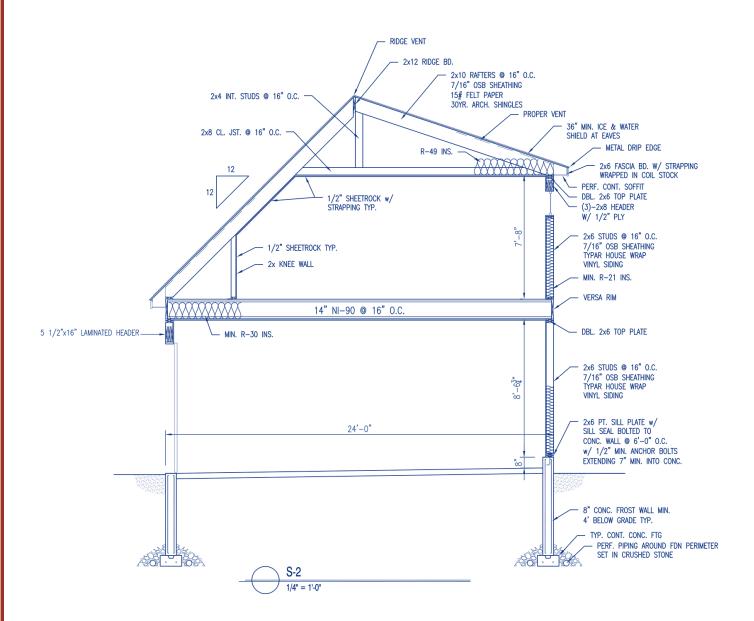


The Will - Cross-section 1





The Will - Cross-section 2





Kitchen – Perspective 1





Kitchen – Perspective 2





Kitchen – Perspective 3



Master Vanity

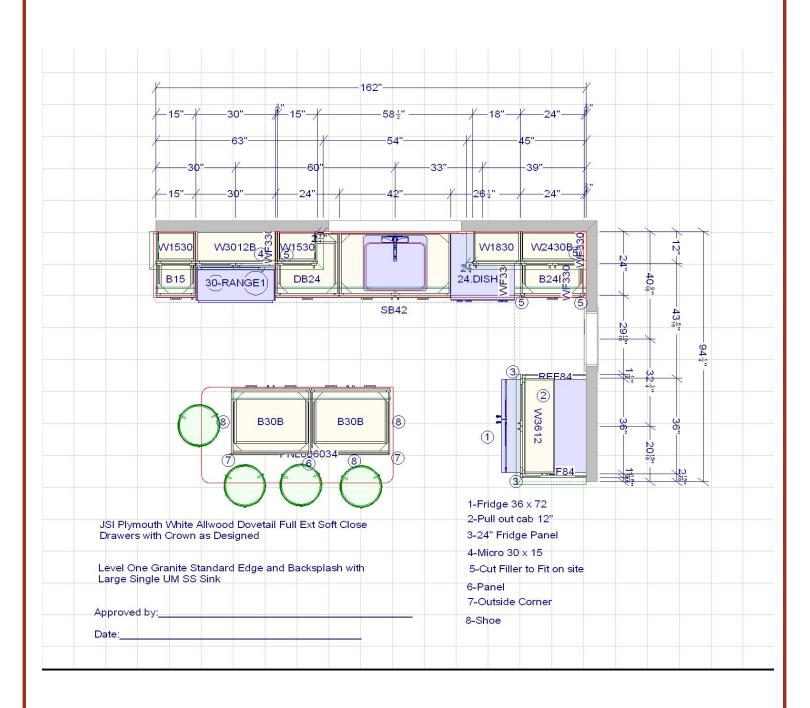
Guest Vanity







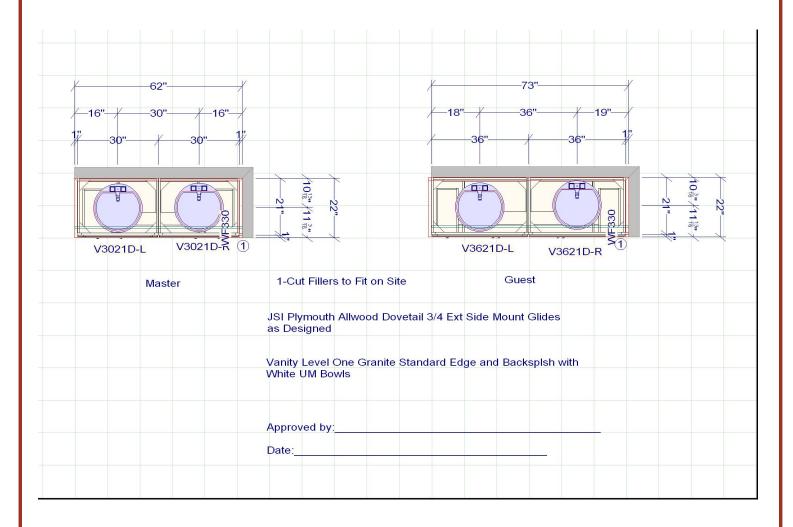
Kitchen Plan

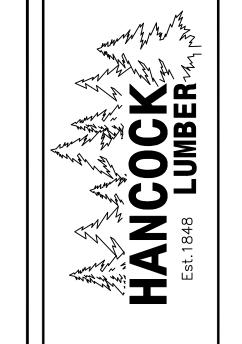


Kitchen Designs The Will



Vanity Plans





ELEVATIONS CASTLE ROCK, LOT 6 CUMBERLAND, ME

FORMATION IS PROVIDED TO OUR CUSTOMERS AS A SERVICE OF HANCOCK LUMBER.

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RED ARCHITECTS WITHIN THE STATE OF MAINE, AND CUSTOMERS MAY WANT TO CONSULT

A ARCHITECT BEFORE TAKING FINAL ACTION WITH REGARD TO ANY BUILDING OR

JRE. CUSTOMERS SHOULD ALSO APPRECIATE THAT, BY PROVIDING CUSTOMERS WITH THIS

SATION, HANCOCK LUMBER DOES NOT GUARANTEE THE SOUNDNESS OR SUITABILITY OF

Project: CLB061313
Sheet Number:

1-of-2

ET E EVATION





24'-0"

TYPE—"C" BILCO | | BULKHEAD DR. |

TRIPLE 2x10

DROP T.O.W. FOR BULKHEAD DR.

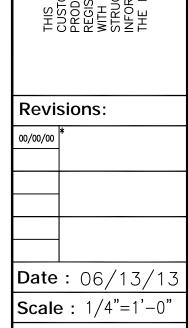
14'-4"

CONTRACTOR TO VERIFY BILCO —
TYPE AND LOCATION IN FIELD. TO
BE INSTALLED PER INSTRUCTIONS
PROVIDED BY MANUFACTURER

4" MIN. CONC. SLAB, OVER 6-MIL POLY MOISTURE BARRIER, OVER 4"MIN. OF CLEAN AND ORGANIC FREE GRAVEL.

8"x7'-10" CONC. WALL w/ TYP. CONT. CONC. FTG.

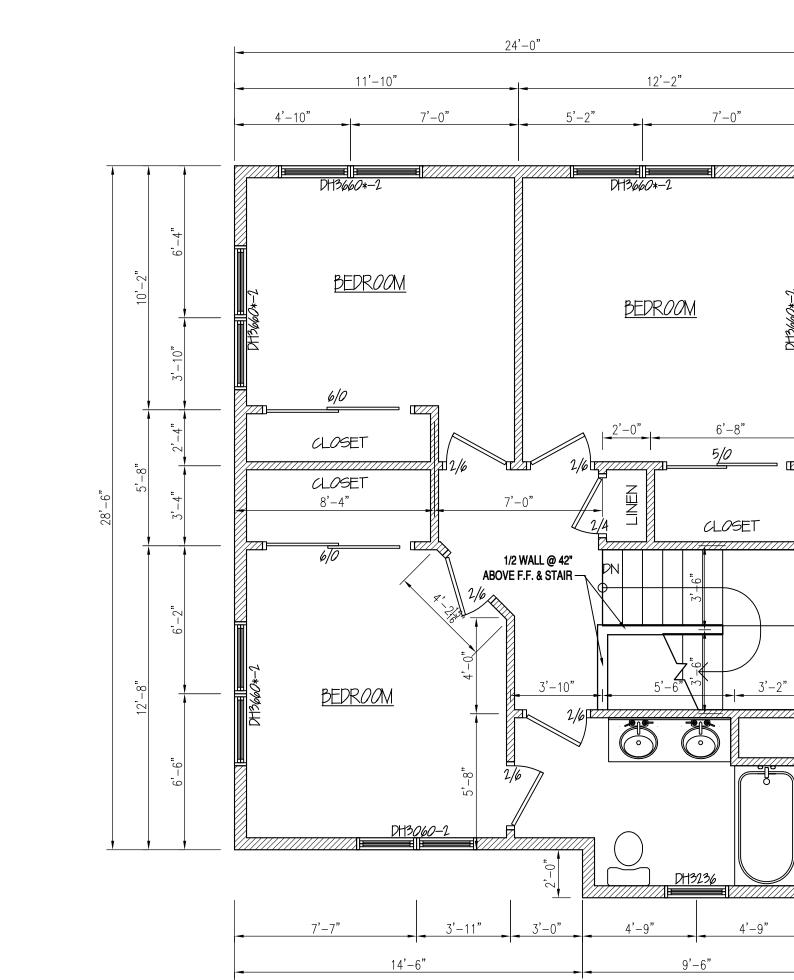
FOUNDATION PLAN



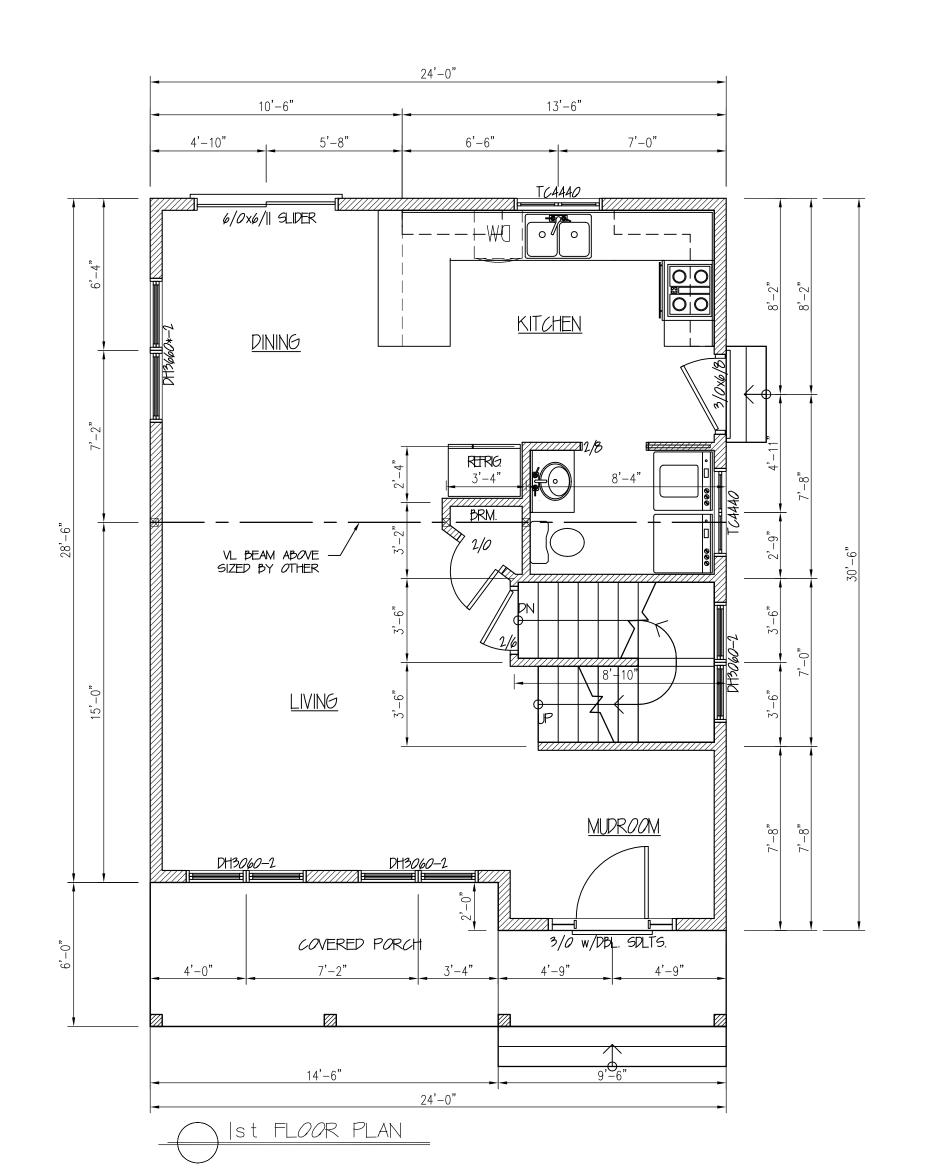
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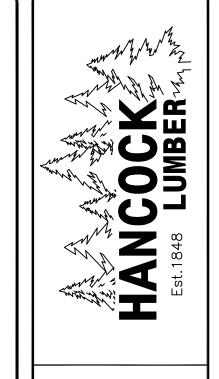
2-of-2

Scale: 1/4"=1'-0" Drawn ByEMS/MTA Project: CLB061313



2nd FLOOR PLAN





CROSS SECTIONS
CASTLE ROCK, LOT 6
CUMBERLAND, ME.

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A AN ARCHITECT BEFORE TAKING FINAL ACTION WITH REGARD TO ANY BUILDING OR
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DRMATION, HANCOCK LUMBER DOES NOT GUARANTEE THE SOUNDNESS OR SUITABILITY OF
INFORMATION FOR ANY PURPOSE OF THE CUSTOMER.

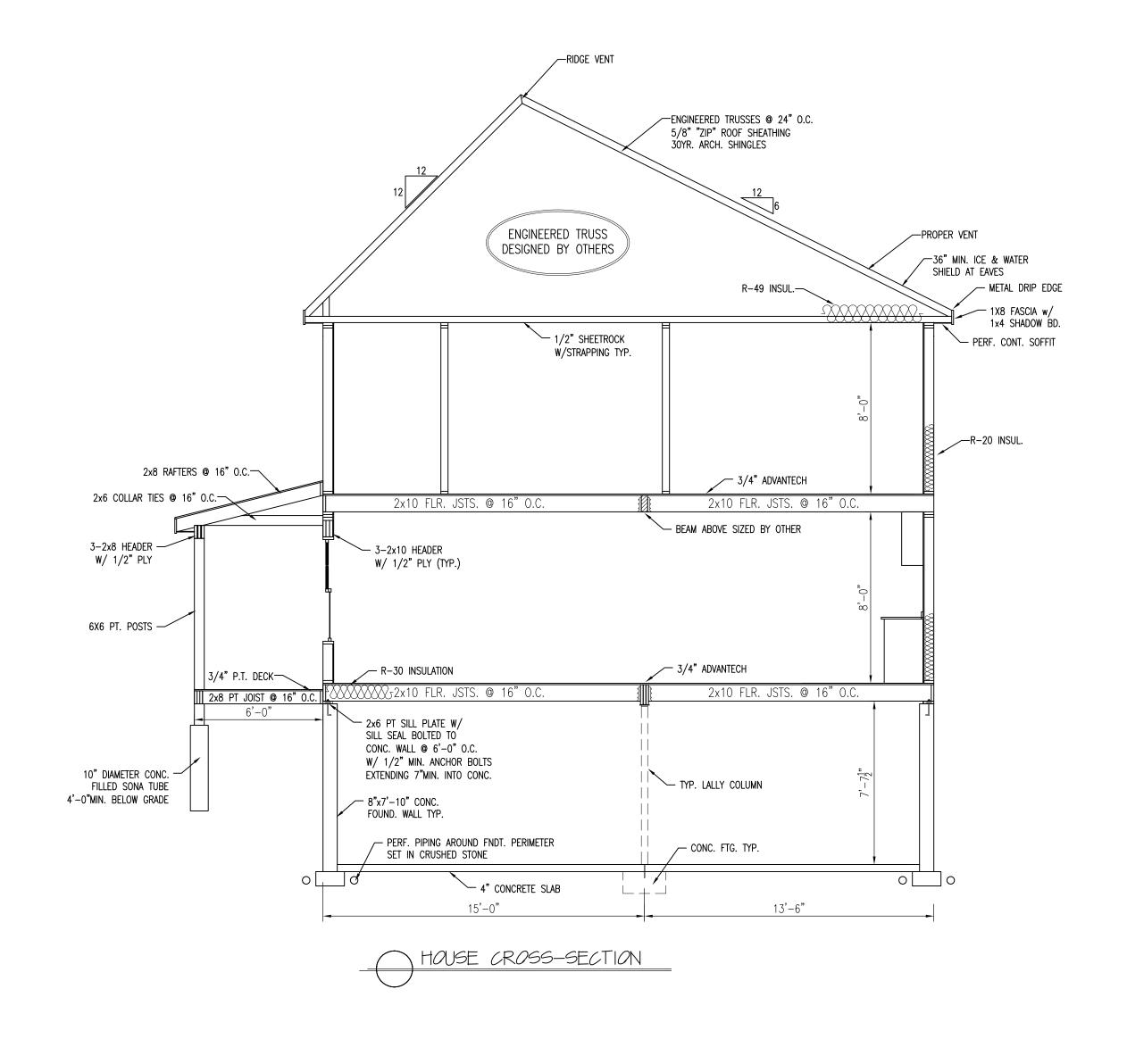
STAIR CROSS-SECTION

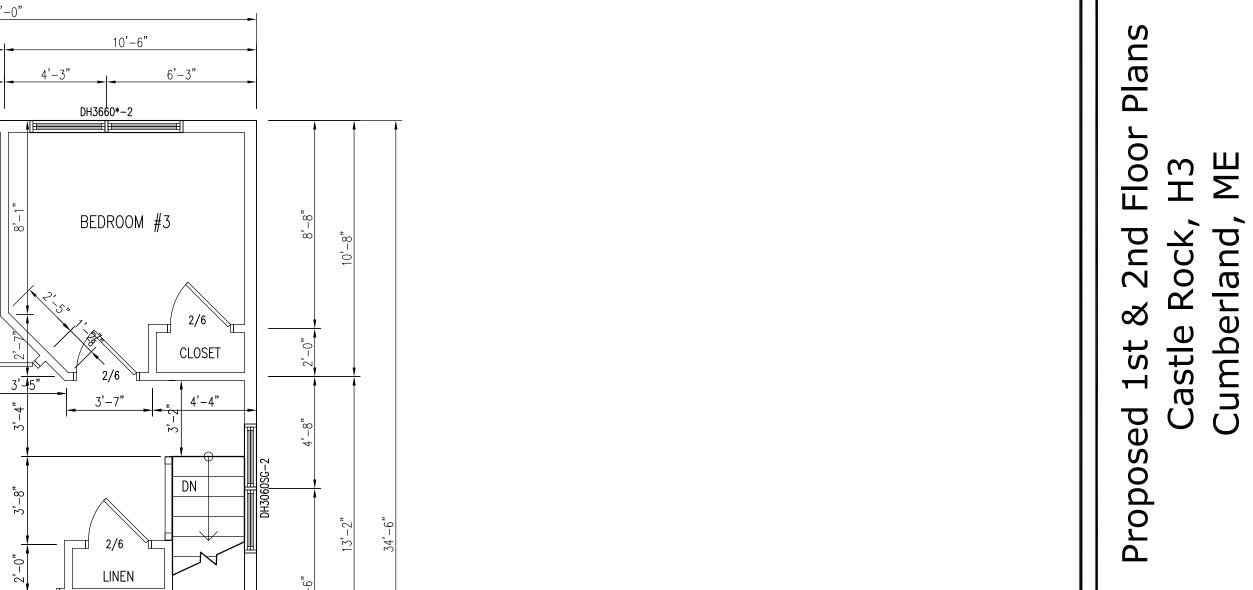
Revisions:

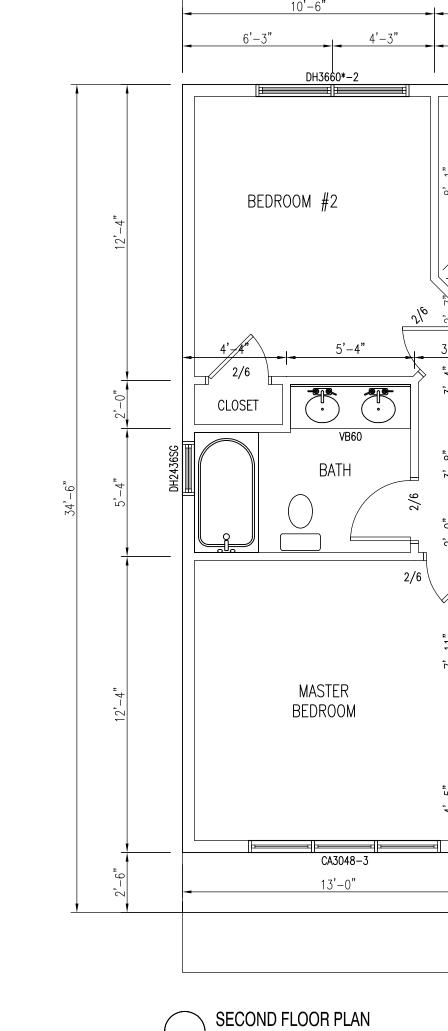
Date: 06/13/13
Scale: 1/4"=1'-0"
Drawn By: MTA

Project: CLB061313
Sheet Number:

-of-







NOTE:

SMOKE ALARMS SHALL BE INSTALLED IN THE

FOLLOWING LOCATIONS;

3'-8"

WALK-IN CLOSET

2x6 KNEE WALL

(BEARING)

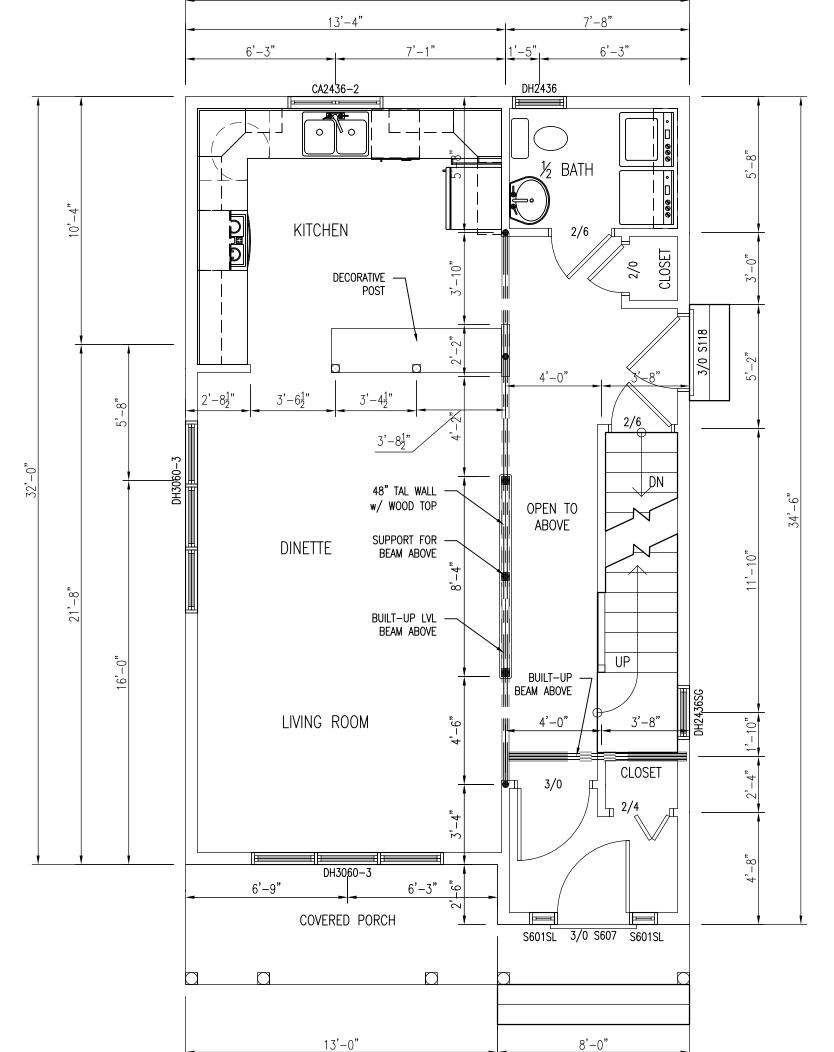
- EACH SLEEPING AREA
 OUTSIDE EACH SEPARATE SLEEPING AREA
- 2. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM.
- ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING BASEMENT.
 ALL SMOKE ALARMS SHALL BE
- INTERCONNECTED.

 5. FIRE SEPARATION PER TOWN OR LOCAL CODE WHEN REQUIRED.

* EGRESS WINDOW

CONSTRUCTION NOTE:

CONTRACTOR TO VERIFY GRADE AND ALL DIMENSIONS IN FIELD BEFORE STARTING NEW CONSTRUCTION. DESIGN SHOWN MAY DIFFER FROM ACTUAL FINISHED CONSTRUCTION. FINAL MATERIALS, WINDOW/DOOR LOCATIONS AND SIZES, TO BE DETERMINED PER OWNER/CONT. OR LOCAL CODES.



NOTE:

SMOKE ALARMS SHALL BE INSTALLED IN THE

- FOLLOWING LOCATIONS;
- EACH SLEEPING AREA
 OUTSIDE EACH SEPARATE SLEEPING AREA
- IN THE IMMEDIATE VICINITY OF THE BEDROOM.
- ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING BASEMENT.
- 4. ALL SMOKE ALARMS SHALL BE INTERCONNECTED.
 5. FIRE SEPARATION PER TOWN OR LOCAL
- CODE WHEN REQUIRED.

 * EGRESS WINDOW

CONSTRUCTION NOTE;

CONTRACTOR TO VERIFY GRADE AND ALL DIMENSIONS IN FIELD BEFORE STARTING NEW CONSTRUCTION. DESIGN SHOWN MAY DIFFER FROM ACTUAL FINISHED CONSTRUCTION. FINAL MATERIALS, WINDOW/DOOR LOCATIONS AND SIZES, TO BE DETERMINED PER OWNER/CONT. OR LOCAL CODES.

1/4" = 1'-0"

FIRST FLOOR PLAN
1/4" = 1'-0"

	ions:
08/22/13	REVISED PLANS
08/27/13	REVISED PLANS

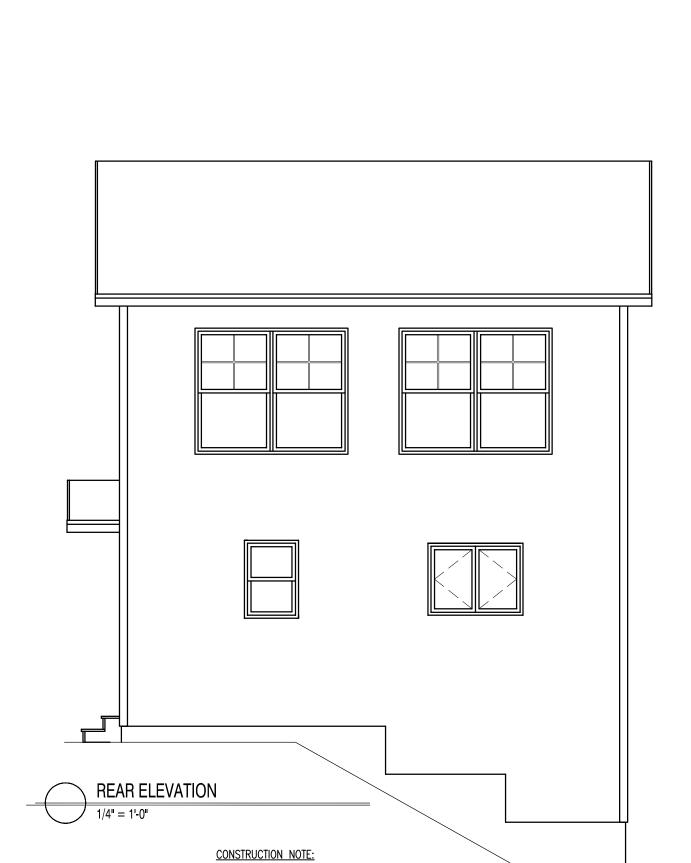
Date: 08/27/13 Scale: 1/4"=1'-0" Drawn By: JTM

3 of 3

Project: C121712
Sheet Number:

Daylight Basement Is An Upgrade

FRONT ELEVATION CONSTRUCTION NOTE: CONSTRUCTION LOUTE: CONSTRUCTION LEDWITON FROM NAV DIFFER FROM ACTUAL FINISHED CONSTRUCTION. FINIA MARRANS, WINDOW/DOOR LOCATIONS AND STREET, DIE DETERMINED PER OWNER/CONT. STE CONDITIONS, AND OR LOCAL CODES.



CONTRACTOR IS TO VERIFY GRADE AND ALL DIMENSIONS IN FIELD BEFORE CONSTRUCTION. ELEVATION SHOWN MAY DIFFER FROM ACTUAL FINISHED CONSTRUCTION. FINAL MATERIALS,

WINDOW/DOOR LOCATIONS AND SIZES, TO BE DETERMINED PER OWNER/CONT. SITE CONDITIONS; AND OR LOCAL CODES.





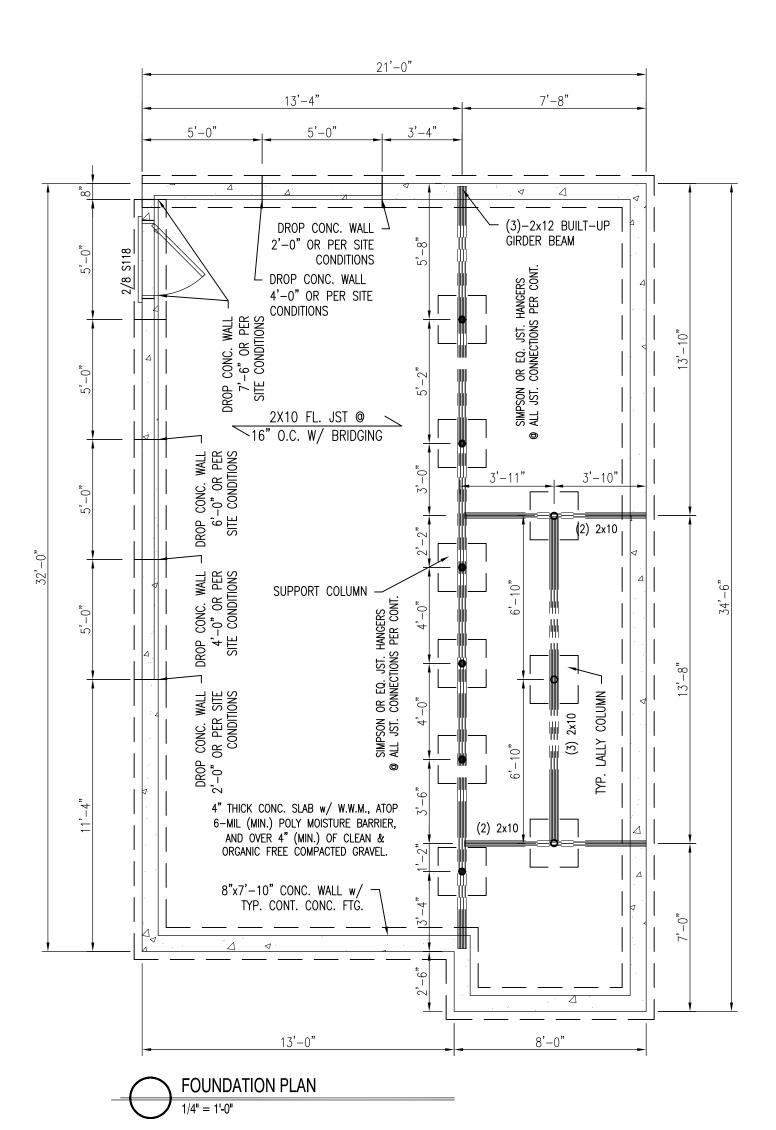
'ations , H3 I, ME

Revis	ions:
08/22/13	REVISED PLANS
08/27/13	REVISED PLANS

Date: 08/27/13
Scale: 1/4"=1'-0"
Drawn By: JTM
Project: C121712

1 of 3

Sheet Number:



NOTES: SMOKE ALARMS SHALL BE INTERCONNECTED & INSTALLED IN THE FOLLOWING LOCATIONS

- 1. EACH SLEEPING AREA
- 2. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS
- 3. ON EACH ADDITIONAL STORY OF THE
- DWELLING INCLUDING BASEMENTS

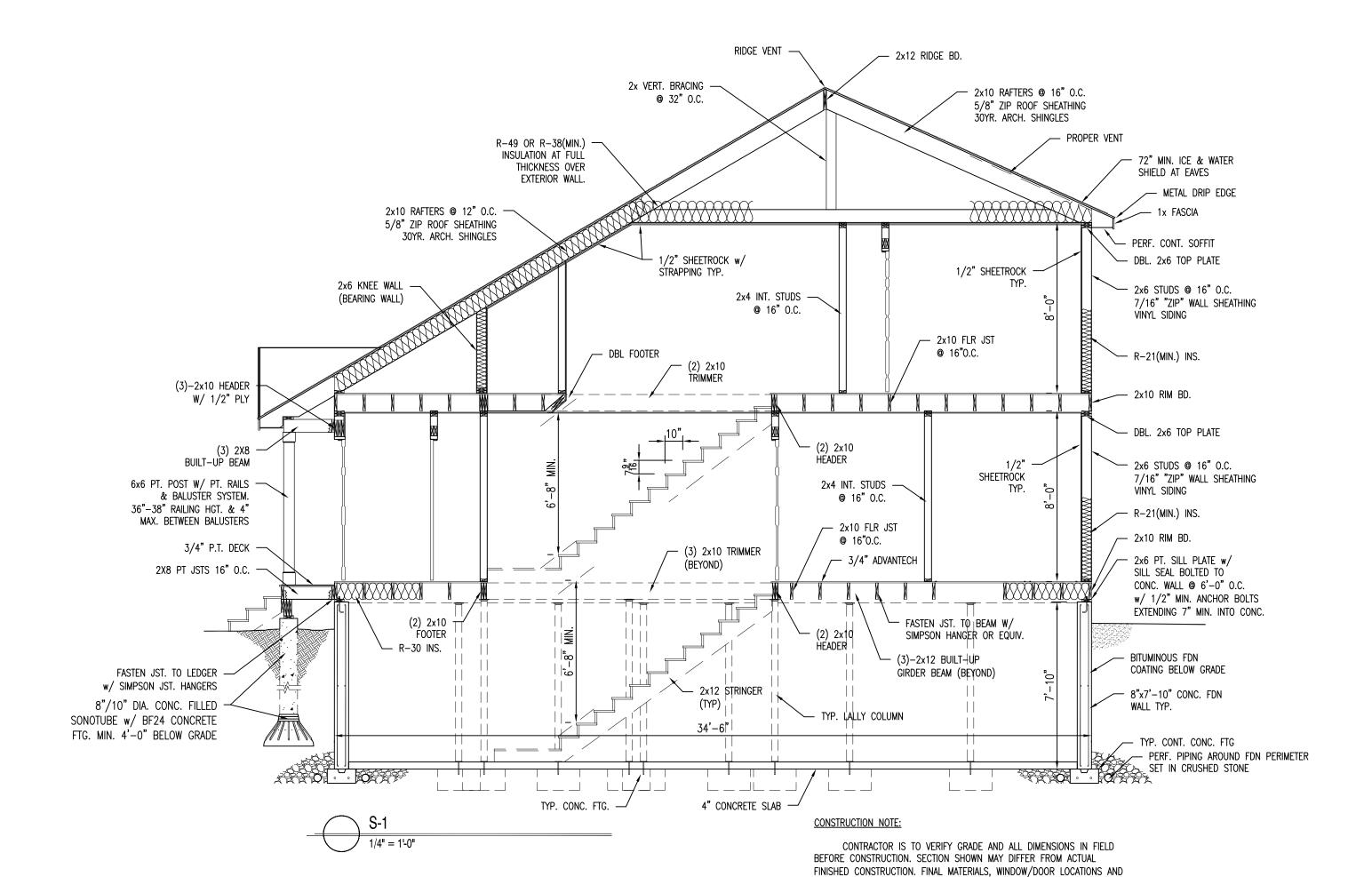
 4. FIRE SEPARATION PER TOWN AND LOCAL
- CODE WHEN REQUIRED
- * DENOTES EGRESS WINDOW

FOUNDATION NOTES:

- 1. 4" DIA. CONTINUOUS PERF. PERIMETER DRAIN WITH HOLES ORIENTED DOWN. SLOPED TO DAYLIGHT OR TO STORM SEWER OR DRYWELL.
- 2. ALL LALLY COLUMNS THIS SHEET ASSUMED TO BE TYP.
- 3. ALL INTERIOR FOOTINGS TO BE DESIGNED PER SOIL CONDITIONS.
- CONTRACTOR TO VERIFY.
- 4. DECK SUPPORTS ASSUMED TO BE 10" DIA. SONOTUBES. SOIL CONDITIONS TO DETERMINE FOOTING DESIGN. CONTRACTOR TO VERIFY.
- 5. FOR PLUMBING LOCATION/LAYOUT, SEE GROUND FLOOR PLAN.
- 6. CONTRACTOR TO VERIFY CONDITIONS IN FIELD AND STEP FND./FTGS AS
- 7. BASEMENT FINISHES PER OWNER/CONT. (TO BE DETERMINED)

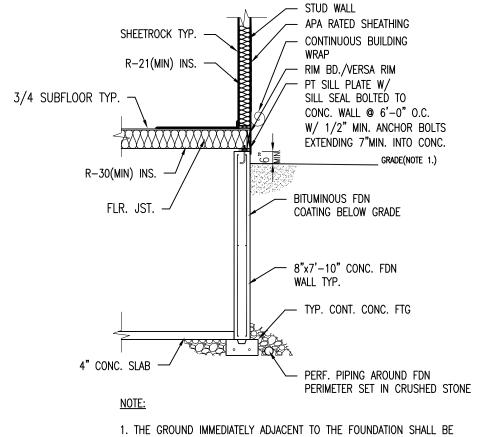
REQUIRED PER GRADE. AND SOIL CONDITIONS

8. CONTRACTOR TO VERIFY GRADE IN FIELD BEFORE CONSTRUCTION OF TYPICAL FOUNDATION WALLS OR DAYLIGHT BASEMENT. DESIGN SHOWN MAY DIFFER FROM ACTUAL FINISHED CONSTRUCTION. FINAL MATERIALS, WINDOW/DOOR LOCATIONS AND SIZES, TO BE DETERMINED PER OWNER/CONT. AND LOCAL



SIZES, TO BE DETERMINED PER OWNER/CONT. SITE CONDITIONS; AND OR

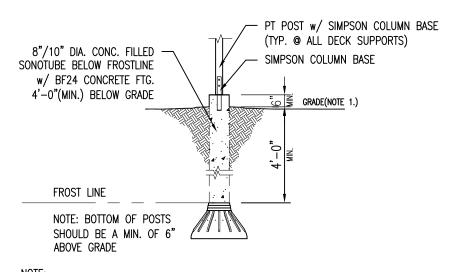
LOCAL CODES.



THE GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF 1/2" VERTICAL TO 12" HORIZONTAL FOR A MINIMUM DISTANCE OF 8'-0". THIS CONDITION SHALL EXIST AFTER SETTLEMENT OF BACKFILL HAS OCCURRED.

SUBSTITUTE FLR JOISTS AND STUD WALL SIZES WITH PLAN CALL OUT

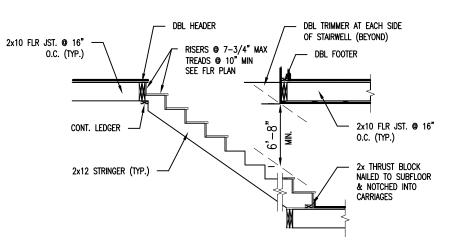
TYPICAL INS. BETWEEN FDN & 1st FLR



NOTE:

1. THE GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF 1/2" VERTICAL TO 12" HORIZONTAL FOR A MINIMUM DISTANCE OF 8'-0". THIS CONDITION SHALL EXIST AFTER SETTLEMENT OF BACKFILL HAS OCCURRED.





NOTE:

1. SUBSTITUTE JOISTS AND STUD SIZES WITH PLAN CALL OUT





Proposed Foundation, Section & Details Castle Rock, H3 Cumberland, ME

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Revis	ions:	
08/22/13	REVISED PLANS	
08/27/13	REVISED PLANS	

Date: 08/27/13

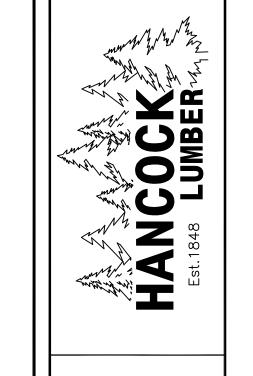
Scale: 1/4"=1'-0"

Drawn By: JTM

Project: C121712

2 of 3

Sheet Number:

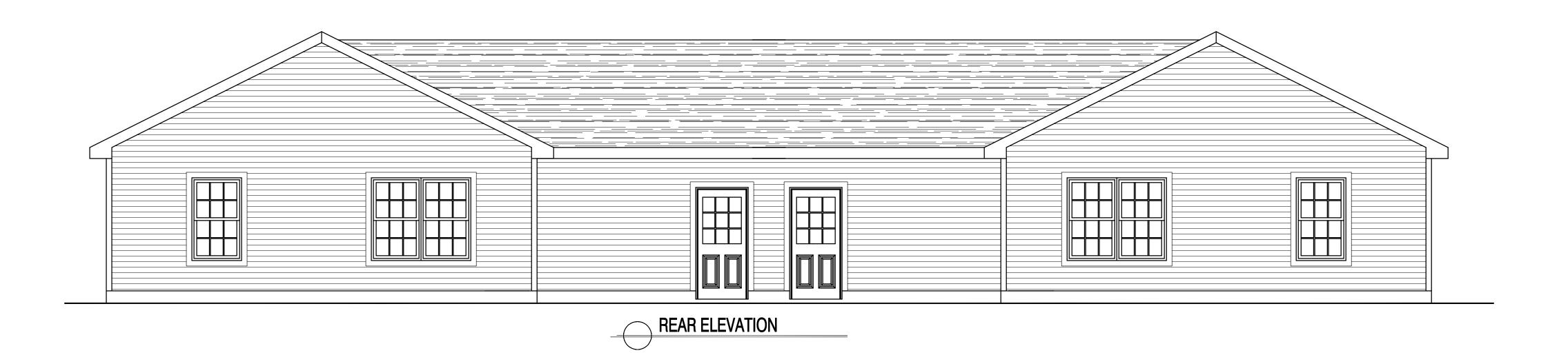


ELEVATIONS CHASE FALMOUTH DUPLEX

Revisions: 00/00/00 -

Date: 02/19/16 Scale: 1/4"=1'-0" Drawn By: MTA Project: MB012116 Sheet Number:

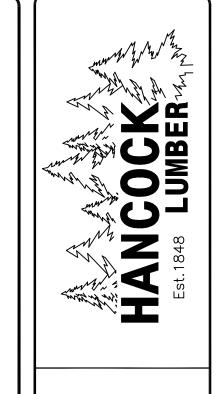
FRONT ELEVATION











FLOOR PLAN CHASE

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ON, HANCOCK LUMBER DOES NOT GUARANTEE THE SOUNDNESS OR SUITABILITY OF

RMATION FOR ANY PURPOSE OF THE CUSTOMER.

Revisions:

Date: 02/19/16
Scale: 1/4"=1'-0"

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

Drawn By: mta

Project: MB012116
Sheet Number:

-of-

<u>-</u>3'-4" 2'-4" 3'-4" 2'-4" 2'-10" 2'-10" 6'-8" 7'-0" 11'-2" 6'-8" 11'-2" DE3660 (EGRESS) DE3660-2 (EGRESS) DE3660-2 (EGRESS) DE3660 (EGRESS) MASTER BEDROOM MASTER BEDROOM OFFICE OFFICE ____DBL. 2"x4" FIRE SEPARATION WALL
W/ 1" AIR GAP APPROX. 6" STEP UP APPROX. 6" STEP UP-12'-4" 3/0X6/8 20 min.__ FIRE RATED DOOR GARAGE GARAGE CLOSET %" TYPE-X FIRE RATED SHEET ROCK REQUIRED ON CEILING AND ALL WALLS SEPARATING GARAGE %" TYPE-X FIRE RATED SHEET ROCK REQUIRED **
ON CEILING AND ALL WALLS SEPARATING GARAGE ." FROM LIVING SPACE. FROM LIVING SPACE. 3'-8" 3'-8" 6'-6" 6'-6" ______ |-----─HIGH BAR @ 42" AFF. HIGH BAR @ 42" AFF.— 3'-7" 6'-4" 6'-4" LIVING ROOM LIVING ROOM 9/0x7/0 O.H.D. 9/0x7/0 O_I.H.D. DINETTE DINETTE DH3660 DH3660 4'-0" 6'-9" 7'-3" 7'-3" 4'x8' 4'x8' COVERED ENTRY COVERED ENTRY 8'-0" 9'-0" 9'-0" SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS; EACH SLEEPING AREA
 OUTSIDE EACH SEPARATE SLEEPING AREA FIRST FLOOR PLAN IN THE IMMEDIATE VICINITY OF THE BEDROOM.

3. ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING BASEMENT.

4. ALL SMOKE ALARMS SHALL BE INTERCONNECTED.

5. FIRE SEPARATION PER TOWN OR LOCAL CODE WHEN REQUIRED. 1/4" = 1'-0" * EGRESS WINDOW

80'-0"

14'-0"

26'-0"

2'-4"

10'-0"

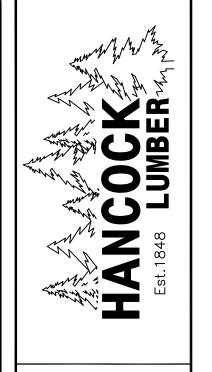
13'-8"

26'-0"

13'-8"

2'-4"

10'-0"



UNDATION CHASE OUTH DI O

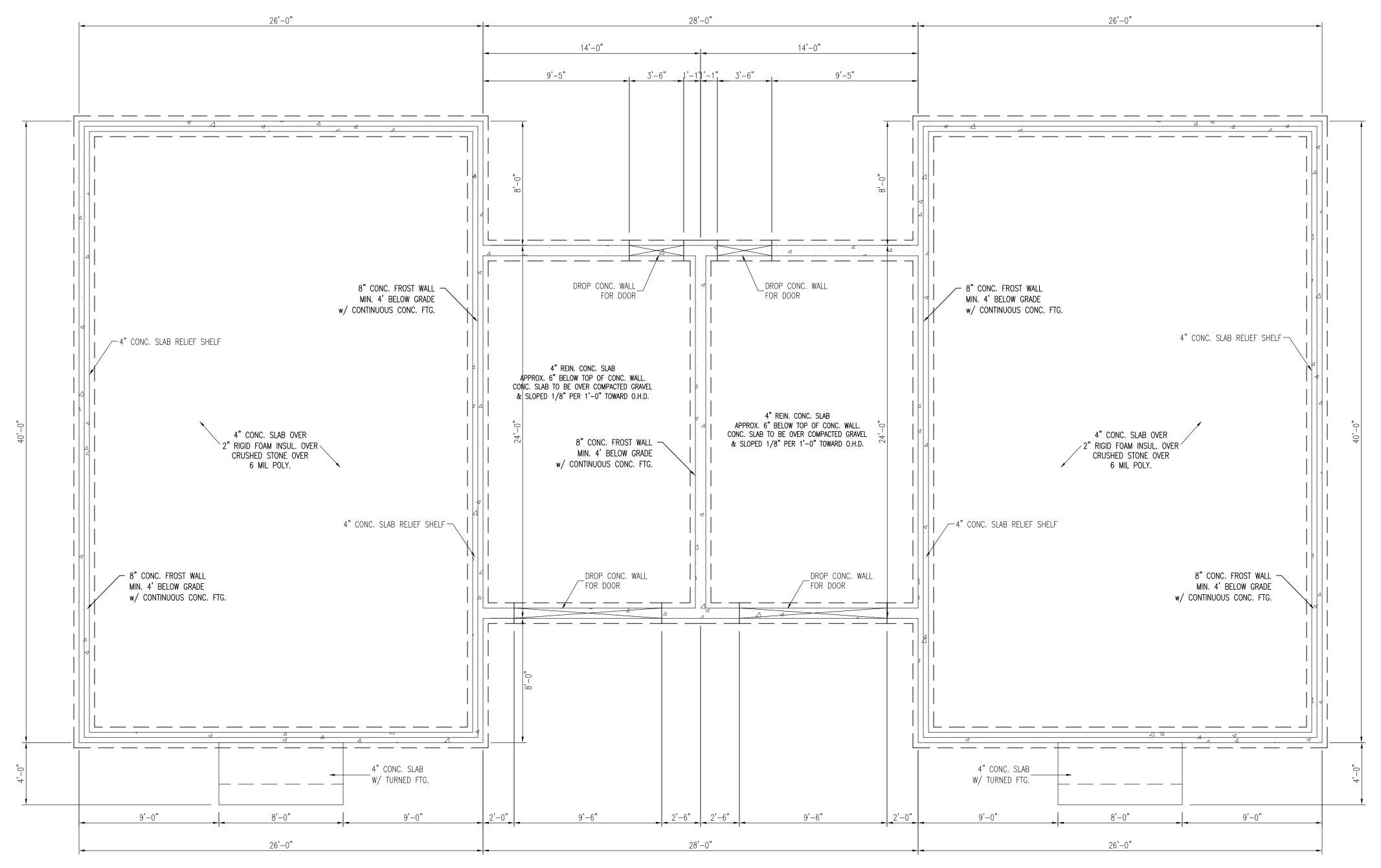
MERS AS A SERVICE OF HANCOCK LUMBER. IT THIS INFORMATION IS NOT THE WORK LUMBER NOR ANY OF ITS EMPLOYEES ARE MAINE, AND CUSTOMERS MAY WANT TO CONSULIN WITH REGARD TO ANY BUILDING OR ATE THAT, BY PROVIDING CUSTOMERS WITH THIRMALLE THE SOUNDNESS OR SUITABILITY OF

Revisions: 00/00/00 -

Date: 02/19/16 **Scale**: 1/4"=1'-0" Drawn By: MTA

Project: MB012116

Sheet Number:



SHEETROCK TYP. — — WALL STUDS APA RATED SHEATHING - 2x6 PT SILL PLATE W/ 4" THICK CONC. SLAB ON \neg SILL SEAL BOLTED TO GRADE, AS REQ'D PER CONC. WALL @ 6'-0" O.C. SITE/SOIL CONDITIONS IN W/ 1/2" MIN. ANCHOR BOLTS EXTENDING 7"MIN. INTO CONC. CONCRETE-RATED -8" CONC. FROST WALL MIN. MOISTURE BARRIER 4' BELOW GRADE w/ TYP. CLOSED-CELL -RIGID INSULATION CONT. CONC. FTG. EXPANSION JOINT -TYP. CONT. CONC. FTG PERF. PIPING AROUND FDN
PERIMETER SET IN CRUSHED STONE NOTE:
1. THE GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED

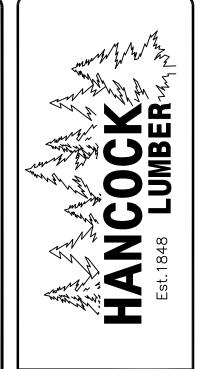
AWAY FROM THE BUILDING AT A SLOPE OF 1/2" VERTICAL TO 12" HORIZONTAL FOR A MINIMUM DISTANCE OF 8'-0". THIS CONDITION SHALL EXIST AFTER SETTLEMENT OF BACKFILL HAS OCCURRED.

TYPICAL RADIANT-HEAT/SLAB DETAIL / 1/4" = 1'-0"

M FOUNDATION NOTES:

- 1. 4" DIA. CONTINUOUS PERF. PERIMETER DRAIN WITH HOLES ORIENTED DOWN. SLOPED TO DAYLIGHT OR TO STORM SEWER OR DRYWELL.
- 2. ALL LALLY COLUMNS THIS SHEET ASSUMED TO BE TYP.
- 3. ALL INTERIOR FOOTINGS TO BE DESIGNED PER SOIL CONDITIONS. CONTRACTOR TO VERIFY.
- 4. DECK SUPPORTS ASSUMED TO BE 10" DIA. SONOTUBES. SOIL CONDITIONS TO DETERMINE FOOTING DESIGN. CONTRACTOR TO VERIFY.
- 5. FOR PLUMBING LOCATION/LAYOUT, SEE GROUND FLOOR PLAN.
- 6. CONTRACTOR TO VERIFY CONDITIONS IN FIELD AND STEP FND./FTGS AS REQUIRED PER GRADE. AND SOIL CONDITIONS
- 7. BASEMENT FINISHES PER OWNER/CONT. (TO BE DETERMINED)
- 8. CONTRACTOR TO VERIFY GRADE IN FIELD BEFORE CONSTRUCTION OF TYPICAL FOUNDATION WALLS OR DAYLIGHT BASEMENT. DESIGN SHOWN MAY DIFFER FROM ACTUAL FINISHED CONSTRUCTION. FINAL MATERIALS, WINDOW/DOOR LOCATIONS AND SIZES, TO BE DETERMINED PER OWNER/CONT. AND LOCAL





CROSS SECTIONS
CHASE
ALMOUTH DUPLEX

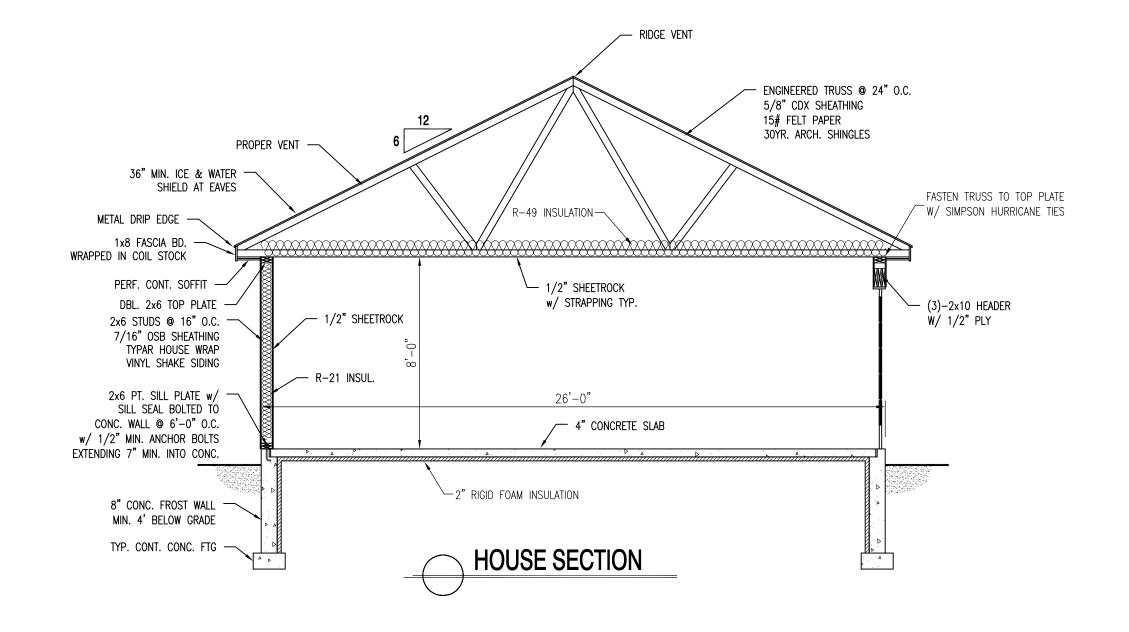
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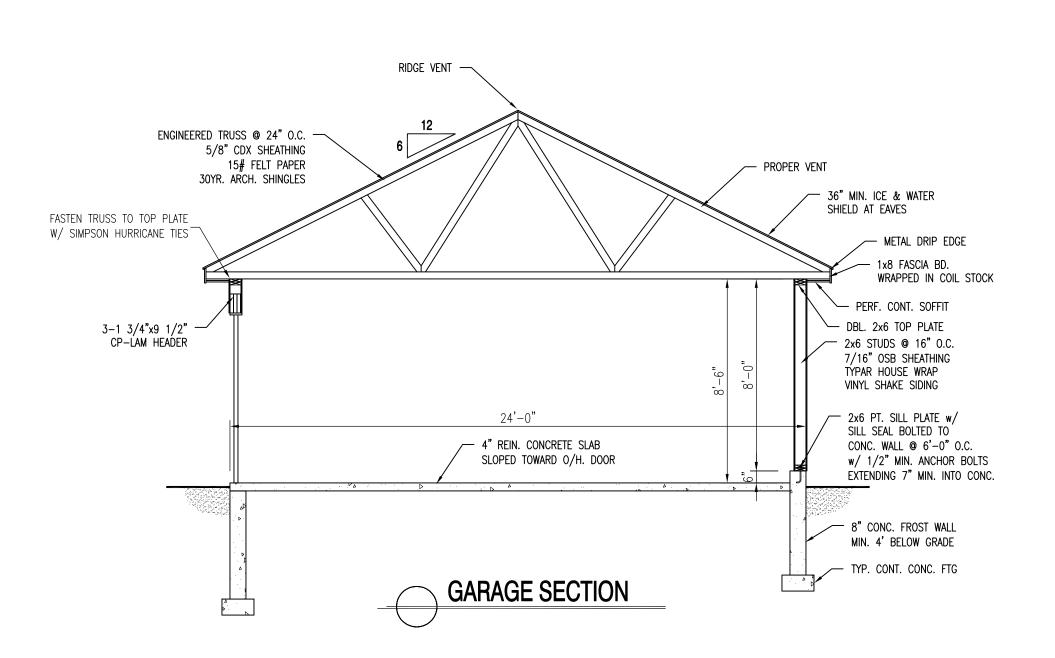
Revisions:

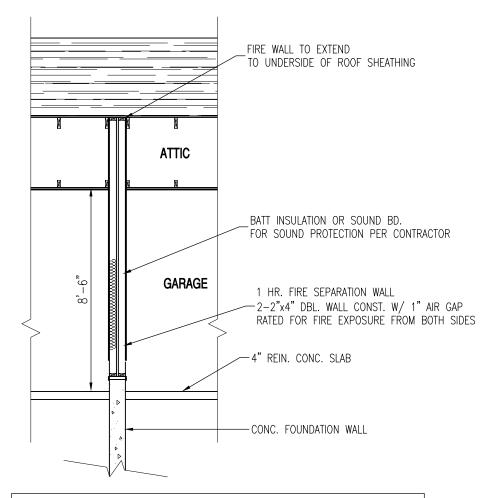
Date: 02/19/16
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Drawn By: MTA
Project: MR012116

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FIRE -RESISTANT CONSTRUCTION

FIRE SEPARATION WALLS SHALL COMPLY WITH SECTION 709 OF THE 2009 IBC.
MIN. FIRE RESISTANCE RATING OF 1HR. IN ACCORDANCE WITH ASTME E 119 OR
UL 263 W/ EXPOSURE FROM BOTH SIDES

WALL SHALL BE CONTINUOUS FROM FOUNDATION TO THE UNDERSIDE OF ROOF SHEATHING PER SECTION R302.2.1 OF THE 2009 IRC.

TABLE 2308.9.5	
GIRDER SPANS® AND HEADER SPANS® FOR EXTERIOR BEARING WALLS	5
(Maximum spans for Douglas fir—larch, hem—fir,southern pine and	d
spruce—pine—fir ^b and required number of jack studs)	

	<u>.</u>	SIZE	GRO	UND°S	NOW L	OAD (p	sf)
		50 Building Width ^c (feet)					
GIRDERS AND HEADERS SUPPORTING	CIZE	20		28		36	
SUPPURTING	SIZE	Span	NJ ^d	Span	NJ ^d	Span	NJ
	2-2x4 2-2x6	3-2 4-8	<u>1</u> 1	2-9 4-1	<u> </u>	2-6 3-8	<u>1</u> 2
	2-2x8	5-11	2	5-2	2	3-6 4-7	2
	2-2x10	7–3	2	6-3	2	5-7	2
	2-2x12	8-5	2	7–3	2	6-6	2
Roof and ceiling	3-2x8	7–5	1	6-5	2	5–9	2
	3-2x10	9-1	2	7–10	2	7-0	2
	3-2x12	10-7	2	9-2	2	8-2	2
	4-2x8 4-2x10	8-4 10-6	<u>1</u> 1	7–5 9–1	2	6-8 8-2	<u>1</u> 2
	4-2x10 4-2x12	12-2	2	10-7	2	9-5	$\frac{2}{2}$
	2-2x4	2-9	1	2-5	1	2-2	1
	2-2x6	4-1	1	3-7	2	3–3	2
	2-2x8	5-2	2	4-6	2	4–1	2
	2-2x10	6-4	2	5-6	2	5–0	2
Roof, ceiling and over	2-2x12	7-4	2	6-5	2	5-9	7
center-bearing floor	3-2x8	6-5	2	5-8	2	5-1	2
-	3-2x10 3-2x12	7-11 9-2	2	6–11 8–0	2	6-3 7-3	2
	4-2x8	7-5	1	6-6	1	5-11	
	4-2x10	9-7	2	8-0	2	7-2	2
	4-2x12	10-7	2	9-3	2	8-4	2
	2-2x4	2-7	1	2-3	1	2-0	1
	2-2x6	3–10	2	3-4	2	3–0	2
	2-2x8	4-10	2	4-2	2	3-9	2
	2-2x10 2-2x12	5-11 6-10	2	5–1 5–11	<u>2</u> 3	4–7 5–4	- 3
Roof, ceiling and one	3-2x8	6-1	2	5-3	2	3 -4 4–8	2
clear span floor	3-2x10	7-5	2	6-5	2	5-9	2
она прави несе	3-2x12	8-7	2	7-5	2	6-8	2
	4-2x8	7-0	1	6-1	2	5-5	2
	4-2x10	8-7	2	7–5	2	6–7	2
	4-2x12	9-11	2	8–7	2	7–8	2
	2-2x4	2-6 3-8	<u>1</u>	2-2 3-2	1	1–11	1 2
	2-2x6 2-2x8	4-7	2	3-2 4-0	2	2-10 3-8	2
	2-2x10	5-8	2	4–11	2	4-5	
Doof poiling and two	2-2x12	6-6	2	5-9	3	5-2	
Roof, ceiling and two center—bearing floor	3-2x8	5-9	2	5-1	2	4-7	2
contor boaring noor	3-2x10	7–1	2	6-2	2	5–7	2
	3-2x12	8-2	2	7-2	2	6-5	3
	4-2x8	6-8 8-2	<u>1</u>	5–10 7–2	2	5-3 6-5	2
	4-2x10 4-2x12	9-5	2	8-3	2	7-5	2
	$\frac{4-2x12}{2-2x4}$	2-0	1	1-8	1	1-5	2
	2-2x6	3-0	2	2-7	2	2-3	2
	2-2x8	3-10	2	3-4	2	2-11	3
	2-2x10	4-8	2	4-0	3	3–7	3
Roof, ceiling and two	2-2x12	5-5	3	4-8	3	4-2	3
clear span floor	3-2x8	4-9 5-10	2	4–1	2	3-8	2
clear span floor	[(1)1/1	-1.0 - 101	2	5-0	2	4-6	3
clear span noor	3-2x10		ာ	5_10	て	5_ 7	•
clear span noor	3-2x12	6-9	2	5-10 4-9	3	5-3 4-3	
clear span noor			2 2 2	5-10 4-9 5-10	3 2 2	5-3 4-3 5-2	3 2 2

- a. Spans are given in feet and inches.
- b. Tabulated values assume #2 grade lumber.
- c. Building width is measured perpendicular to the ridge. For widths between those shown, spans are permitted to be interpolated.
- d. NJ—Number of jack studs required to support each end. Where the number of required jack studs equals one, the header is permitted to be supported by an approved framing anchor attached to the full—height wall stud and to the header.

(Maximum spans for Douglas fir—larch, hem	-fir, southern pine and spruce-pine-	fir ^b and re	quired	numbe	er of	jack st	:uds
LICADEDO AND CIDADEDO			Building Width (feet)				
HEADERS AND GIRDERS SUPPORTING		20	0	28	3		36
SOLI OIVIING	SIZE	Span	NJ d	Span	NJd	<u> </u>	<u> </u>
	2-2x4	3–1	1	2-8	1	2-5	
	2-2x6	4-6	1	3-11	1	3–6	
	2-2x8	5-9	1	5-0	2	4-5	
	2-2x10	7-0	2	6-1	2	5-5	
	2-2x12	8-1	2	7-0	2	6-3	
One floor only	3-2x8	7–2	1	6-3	1	5–7	
	3-2x10	8-9	1	7–7	2	6–9	
	3-2x12	10-2	2	8-10	2	7–10	
	4-2x8	5-10	1	5-1	2	4-6	
	4-2x10	10-1	1	8-9	1	7-10	
	4-2x12	11-9	1	10-2	2	9-1	
	2-2x4	2-2	1	1-10	1	1–7	
	2-2x6	3-2	2	2-9	2	2-5	
	2-2x8	4-1	2	3-6	2	3-2	
	2-2x10	4-11	2	4–3	2	3-10	
TWO floor and	2-2x12	5-9	2	5-0	3	4–5	
TWO floor only	3-2x8	5-1	2	4-5	2	3–11	
	3-2x10	6-2	2	5-4	2	4-10	
	3-2x12	7–2	2	6-3	2	5-7	_
	4-2x8	4-2	2	3–7	2	3-2	
	4-2x10	7-2	2	6-2	2	5-6	
	4-2x12	8-4	2	7-2	2	6–5	1

BOILDING GODE	2009 INTERNATIONAL BUILDING CODE
<u>DESIGN LOADS:</u>	
ROOF DEAD LOAD	
FLOOR LIVE LOAD	· · 40 PSF 30 PSF AT SLEEPING ROOMS
ROOF SNOW LOAD	
GROUND SNOW LOAD, Pg SNOW EXPOSURE FACTOR, Ce SNOW LOAD IMPORTANCE FACTOR, I SNOW LOAD THERMAL FACTOR, Ct	· · 1.0 · · 1.0
IMINID I OAD.	
<u>WIND LOAD:</u> WIND SPEED	100 MPH
EXPOSURE	
SEISMIC IMPORTANCE FACTOR	· · · · · · · · · · · · · · · · · · ·
SEISMIC IMPORTANCE FACTOR	
SEISMIC IMPORTANCE FACTOR OCCUPANCY CATEGORY MAPPED SPECTRAL RESPONSE, Ss MAPPED SPECTRAL RESPONSE, S1	· · · · · · · · · · · · · · · · · · ·
SEISMIC IMPORTANCE FACTOR OCCUPANCY CATEGORY MAPPED SPECTRAL RESPONSE, Ss MAPPED SPECTRAL RESPONSE, S1 SITE CLASS	· · · · · · · · · · · · · · · · · · ·
SEISMIC IMPORTANCE FACTOR OCCUPANCY CATEGORY MAPPED SPECTRAL RESPONSE, Ss MAPPED SPECTRAL RESPONSE, S1 SITE CLASS SPECTRAL RESPONSE COEFFICENT, Sds	
SEISMIC IMPORTANCE FACTOR OCCUPANCY CATEGORY MAPPED SPECTRAL RESPONSE, Ss MAPPED SPECTRAL RESPONSE, S1 SITE CLASS SPECTRAL RESPONSE COEFFICENT, Sds SPECTRAL RESPONSE COEFFICENT, Sd1 SEISMIC DESIGN CATEGORY	
SEISMIC IMPORTANCE FACTOR OCCUPANCY CATEGORY MAPPED SPECTRAL RESPONSE, Ss MAPPED SPECTRAL RESPONSE, S1 SITE CLASS SPECTRAL RESPONSE COEFFICENT, Sds SPECTRAL RESPONSE COEFFICENT, Sd1 SEISMIC DESIGN CATEGORY	
SEISMIC IMPORTANCE FACTOR OCCUPANCY CATEGORY MAPPED SPECTRAL RESPONSE, Ss MAPPED SPECTRAL RESPONSE, S1 SITE CLASS SPECTRAL RESPONSE COEFFICENT, Sds SPECTRAL RESPONSE COEFFICENT, Sd1 SEISMIC DESIGN CATEGORY	
OCCUPANCY CATEGORY MAPPED SPECTRAL RESPONSE, Ss MAPPED SPECTRAL RESPONSE, S1 SITE CLASS SPECTRAL RESPONSE COEFFICENT, Sds SPECTRAL RESPONSE COEFFICENT, Sd1 SEISMIC DESIGN CATEGORY BASIC SEISMIC-FORCE RESISTING SYSTEM	

2. Walls separating units shall be considered braced wall lines and constructed in accordance with

3. 2x8, 2x10 and 2x12 dimension lumber shall be Spruce Pine Fir No. 1/No.2 as graded by NLGA,

4. 2x4 and 2x6 dimension lumber shall be Spruce Pine Fir No. 2 or better as graded by NeLMA.5. All fastening shall comply with the "recommended fastening schedule" in the 2009 international

7. Double members over openings over 24 inches wide. Space short studs above and below

8. Post and columns from headers and beams shall bear continuously to the concrete foundations, including blocking in interstitial floor and roof spaces. Blocking shall be of the size and shape to

the 2009 IBC Section 2308.9.3.5.

opening matching stud spacing.

carry the required loading.

building code (Table 2304.9.1) unless noted otherwise.

9. All wood in contact with concrete shall be pressure treated.

6. Frame double joist headers at ceiling openings frame rigidly into joists.

	FASTENER SCHEDULE FOR STRUCTURA		
DECORPORTION OF RUIL DING		SPACING OF	
DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER b, c, d, e	Edges (inches) ⁱ	Intermediate support ^{c, e} (inches)
	and wall sheathing to framing, and particaleboard w	all sheathing to framing	
5/16" - 1/2"	6d common nail (subfloor, wall) 8d common nail (roof) ^f	6	12 ^g
19/32" - 1"	8d common nail	6	12 ^g
1-1/8" - 1-1/4"	10d common nail or 8d deformed nail	6	12
Other wall sheathing ^H			
1/2" regular cellulosic fiberboard sheathing	1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long	3	6
1/2" regular cellulosic fiberboard sheathing	1-3/4" galvanized roofing nail 8d common nail staple 16ga., 1-3/4" long	3	6
25/32" structural cellulosic fiberboard sheathing	1-1/2" galvanized roofing nail: 6d common nail; staple galvanized, 1-1/2" long 1-1/4" screws, type W or S	3	6
1/2" gypsum sheathing	1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long	4	8
5/8" gypsum sheathing	1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long	4	8
wood structural panels, combination sul	ofloor underlayment to framing		
3/4" and less	6d deformed nail or 8d common nail	6	12
7/8" - 1"	8d common nail or 8d deformed nail	6	12
1-1/8" - 1-1/4"	10d common nail or 8d deformed nail	6	12

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 1.609 km/h.

a. All nails are smooth—common, box or deformed shanks except where otherwise stated. Nails used for framing and sheathing connections shall have minimum average bending yield strengths as shown: 80ksi (551 MPa) for shank diameter of .192inch (20d common nail), 90ksi (620 MPa) for shank diameters larger than 0.142inch but not larger than 1.177inch, and 100ksi (689 MPa) for shank diameters of 0.142inch less.

b. Staples are 16 gage wire and have a minimum 7/16—inch on diameter crown width.

c. Nails shall be spaced at not more than 6inches on center at all supports where spans are 48inches or greater.

d. Four-foot- by-8-foot or 4-foot-by-9-foot panels shall be applied vertically.

e. Spacing of fasteners not included in this table shall be based on table R6023(1).

f. For regions having basic wind speed of 110mph or greater, 8d deformed nails shall be used for attaching plywood and wood structural panel roof sheathing to

framing within minimum 48—inch distance from gable end walls, if mean roof height is more than 25feet, up to 35feet maximum.

g. For regions having basic wind speed of 100mph or less, nails for attaching wood structural panel roof sheathing to gable end wall framing shall be spaced 6inches on center. When basic wind speed is greater than 100mph, nails for attaching panel roof sheathing to intermediate supports shall be spaced 6inches on center for minimum 48—inch distance from ridges, eves and gable end walls; and 4inches on center to gable end wall framing.

h. Gypsum sheathing shall conform to ASTM C79 and shall be installed in accordance with GA 253. Fiberboard sheathing shall conform to either AHA 194.1 or ASTM C 208.

i. Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and at all floor perimeters only. Spacing of fasteners on roof sheathing panel edges applies to panel edges supported by framing members and at all roof plane perimeters. Blocking of roof or floor sheathing panel edges perpendicular to the framing members shall not be required except at intersection of adjacent roof planes. Floor and roof perimeter shall be supported by framing members or solid blocking.

2009 INTERNATIONAL BUILDING CODE		
USE GROUP CLASSIFICATION RESIDENTIAL "R-2"		
TYPE OF CONSTRUCTION TYPE V-B (COMBUSTIBLE, UNPROTECTED)		
FIRE SEPARATION 1 HR RATED FIRE PARTITION (IBC 420.2/709)		
GENERAL NOTES BUILDINGS WILL BE SPRIKLERED IN ACCORDANCE WITH NFPA.		
	ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED WITH PROPER, APPROVED MATERIALS.	

Revis	sions:
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Date	: 02/19/16
Scale	e: 1/4"=1'-0"

Drawn By: MTA

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