

FASTENER SPACING FOR SOUTHERN PINE OR HILDFIR DECK LEADER AND 2 INCH NOMINAL SOLID SAW SPRUCE-PINE-FIR BAND JOIST (DECK LIVE LOAD=90 PSF, DECK DEAD LOAD=10 PSF)

JOIST SPACING	6'-0" AND LESS	6'-0" AND MORE TO 8'-0"	8'-0" AND MORE TO 10'-0"	10'-0" AND MORE TO 12'-0"	12'-0" AND MORE TO 14'-0"	14'-0" AND MORE TO 16'-0"	16'-0" AND MORE TO 18'-0"
CONNECTION DETAILS							
2" NOMINERAL BAND JOIST WITH 1 1/2" X 4" DIMENSIONAL LEADER	30	23	18	15	13	11	10
2" NOMINERAL BAND JOIST WITH 1 1/2" X 4" DIMENSIONAL LEADER	35	35	34	29	24	21	19
2" NOMINERAL BAND JOIST WITH 1 1/2" X 4" DIMENSIONAL LEADER	35	35	29	24	21	18	16

PER: TABLE R507.2

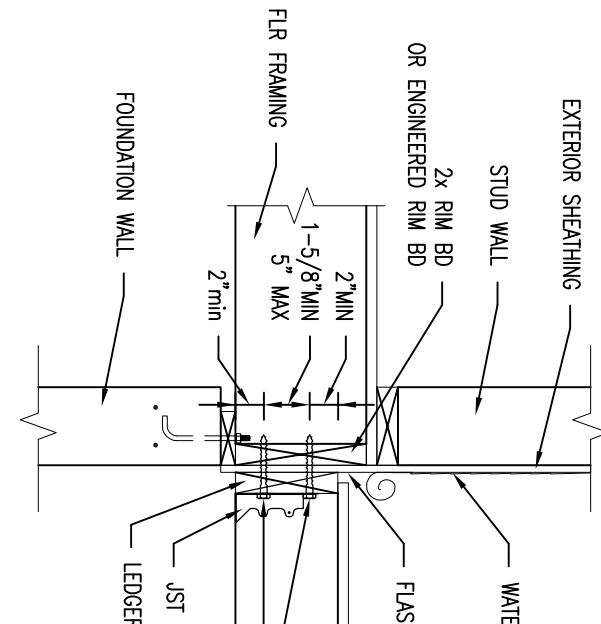


FIGURE R507.2.1(2)  
 PLACEMENT OF LAG SCREWS AND BOLTS IN BAND JOISTS

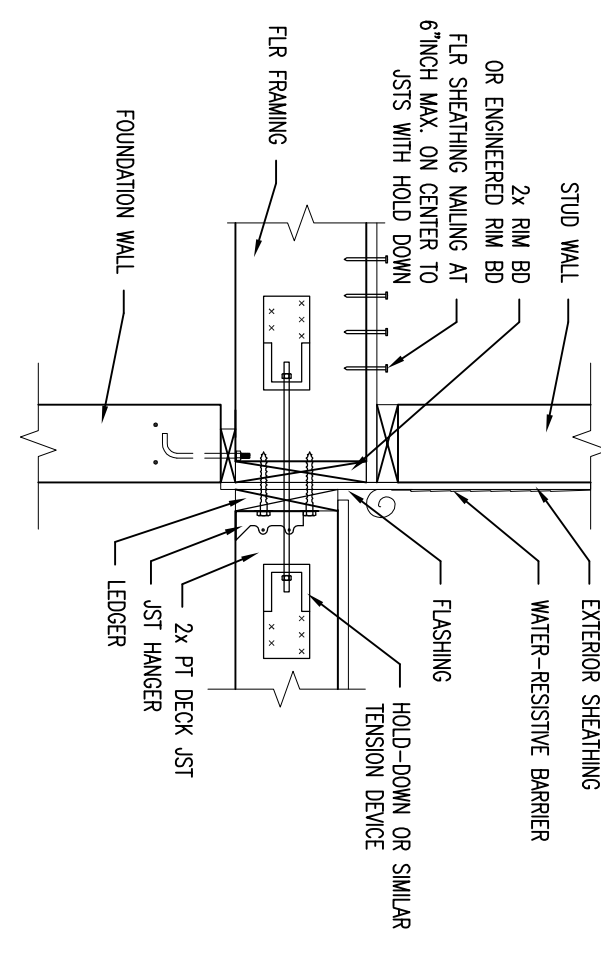


FIGURE R507.2.3  
 DECK ATTACHMENT FOR LATERAL LOADS

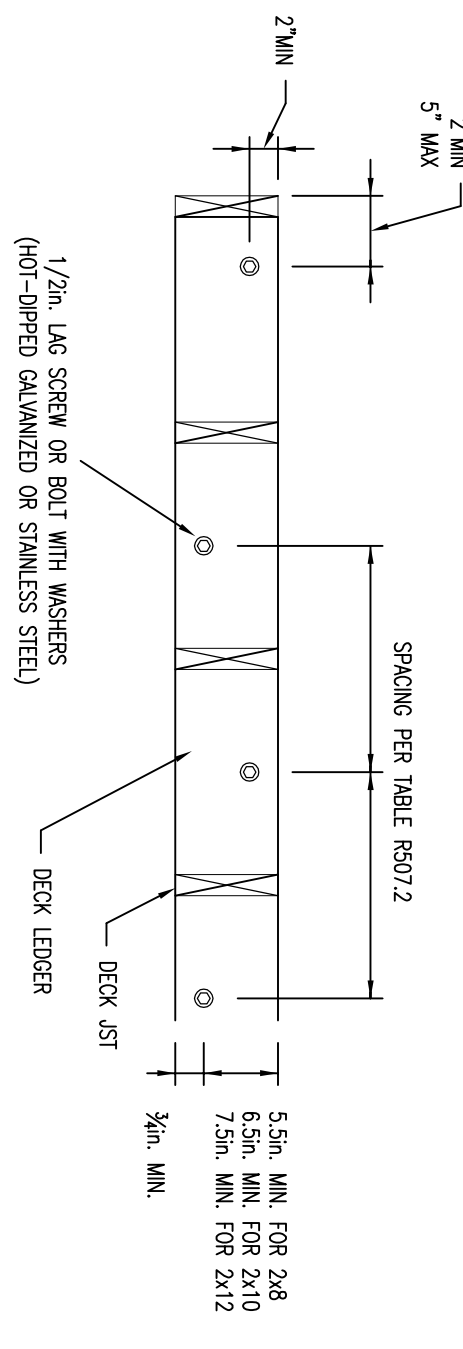
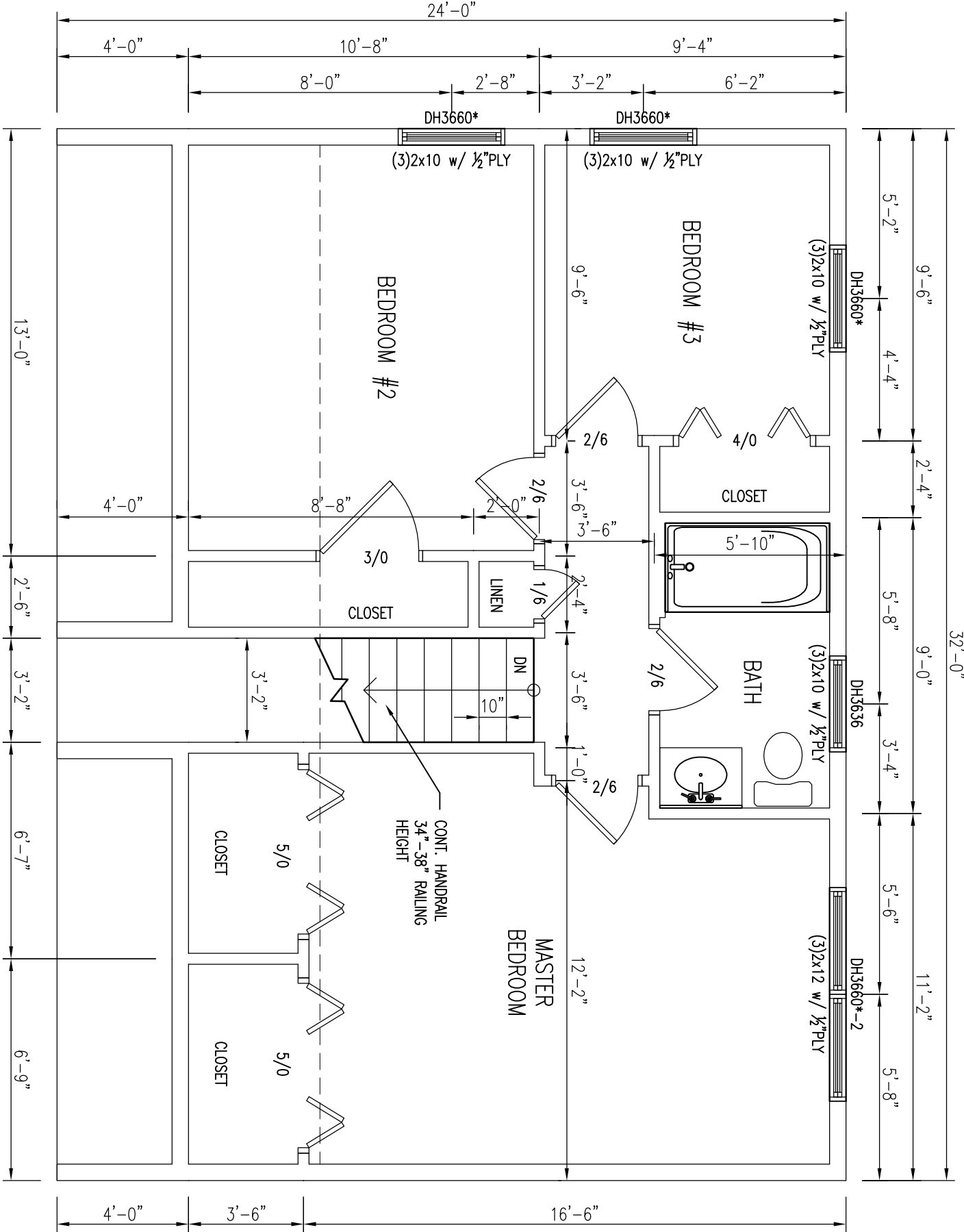
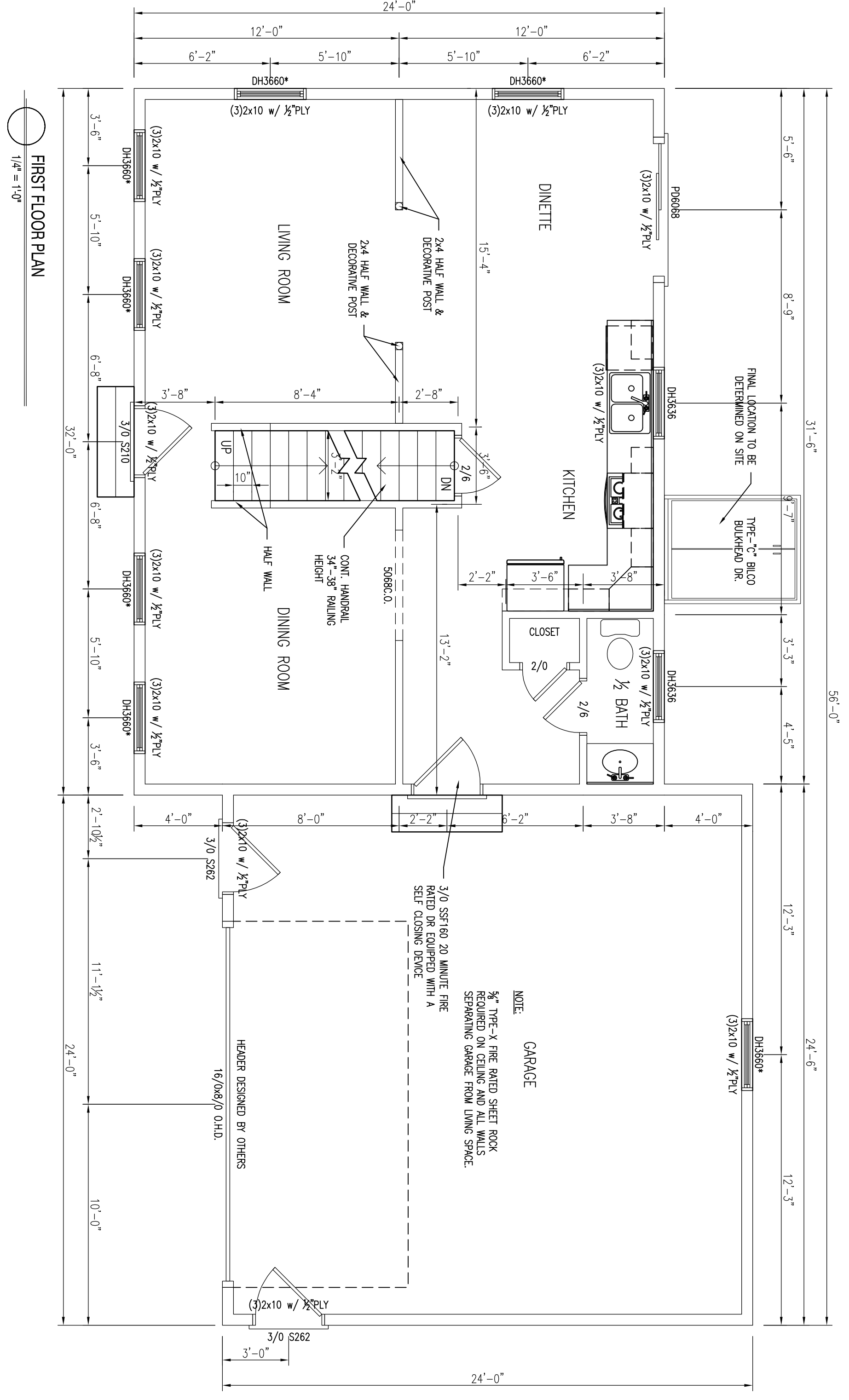


FIGURE R507.2.2  
 SPACING PER TABLE R507.2



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



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

- FOUNDATION NOTES:**
- 4" DIA. CONCRETE PIPE PERMITTER DOWN WITH HOLES ORIENTED DOWN. SLOPED TO DRAIN OR TO STORM SEWER OR DRAINWELL.
  - ALL LATH COLLARS THIS SHEET ASSUMED TO BE TYP.
  - ALL INTERIOR FOUNDINGS TO BE DESIGNED PER SOIL CONDITIONS. CONTRACTOR TO VERIFY.
  - DECK SUPPORTS ASSIGNED TO BE 4" DIA. SPINDERS. SOIL CONDITIONS TO DETERMINE FOUNDING DESIGN. CONTRACTOR TO VERIFY.
  - FOR PLUMBING LOCATION/AVOID, SEE GROUND FLOOR PLAN.
  - CONTRACTOR TO VERIFY CONDITIONS IN FIELD AND STEP PAD/TTSS AS REQUIRED PER GRADE AND SOIL CONDITIONS.
  - BASEMENT FINISHES PER OWNER/CONT. (TO BE DETERMINED)
  - FOUNDATION TO VERIFY GRADE IN FIELD BEFORE CONSTRUCTION OF TYPICAL FROM ACTUAL FINISHED CONSTRUCTION FINAL MATERIALS, WINDOW/DOOR COORDINATES AND SIZES, TO BE DETERMINED PER OWNER/CONT. AND LOCAL CODES.

- SMOKE ALARMS**
- SHALL BE INTERCONNECTED & INSTALLED IN THE FOLLOWING LOCATIONS:
- EACH SLEEPING AREA
  - OUTSIDE EACH SEPARATE SLEEPING AREA IN THE WAKEUP POINT OF THE BEDROOMS
  - ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING RESIDENTS
  - FIRE SEPARATION PER TOWN AND LOCAL CODE WHEN REQUIRED
- \* EGRESS WINDOWS**
- GREENWORKING ALARMS**
- SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:
- OUTSIDE EACH SEPARATE SLEEPING AREA IN THE WAKEUP POINT OF THE BEDROOMS
  - IN THE IMMEDIATE VICINITY OF THE BEDROOMS APPLIANCES ARE INSTALLED AND IN DWELLING UNITS THAT HAVE ATTACHED GARAGES

**NOTE:** GARAGE  
 3/4" TYPE-X FIRE RATED SHEET ROCK REQUIRED ON BEAMS AND ALL WALLS. SEPARATING SPACE FROM LIVING SPACE.

3/0 SPT160 TO MOUNT FIRE SMOKE DETECTOR WITH A 3/0\"/>

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1st & 2nd Floor Plans  
 Wilson Residence  
 Portland, ME



**REVISIONS:**

DATE	REVISIONS
02/07/16	ISSUED PLANS

Date : 02/02/16  
 Scale : 1/4" = 1'-0"  
 Drawn By: JTM  
 Project: 0070815  
 Sheet Number: 4 of 5