

JOIST SPAN	ON-CENTER SPACING OF FASTENERS					
	6'-0" AND LESS	8'-0" AND 10'-0"	10'-0" AND 12'-0"	12'-0" AND 14'-0"	14'-0" AND 16'-0"	16'-0" AND 18'-0"
2" DIAMETER LAG SCREW WITH 7/8" MAXIMUM SHEATHING	30	23	18	15	13	11
2" DIAMETER LAG SCREW WITH 7/8" MAXIMUM SHEATHING	36	36	34	29	24	21
2" DIAMETER LAG SCREW WITH 7/8" MAXIMUM SHEATHING & 1/2" STACKED WASHERS	36	36	29	24	21	16

(REF. TABLE R507.2)

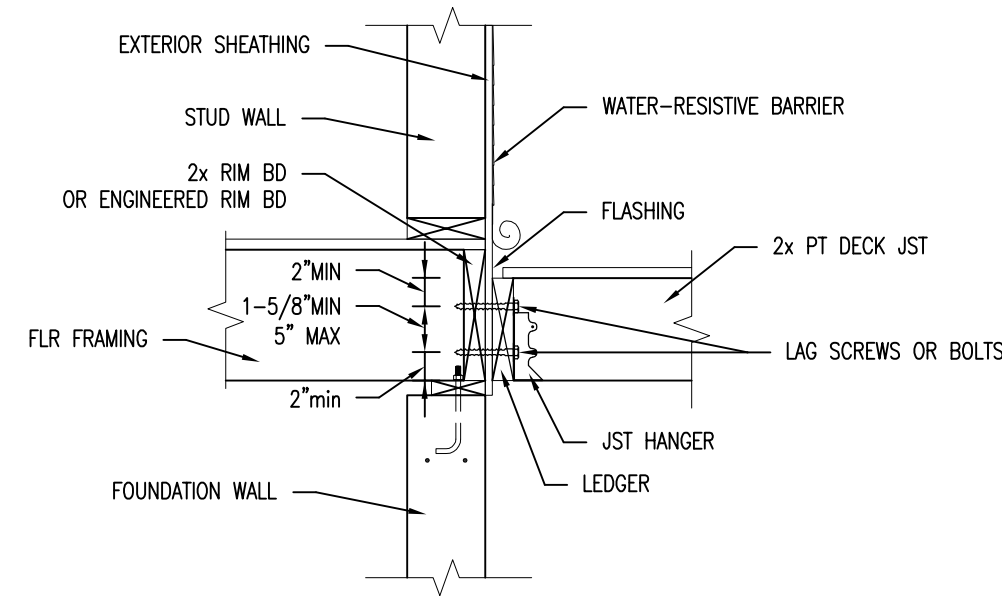


FIGURE R507.2.1(2)  
PLACEMENT OF LAG SCREWS AND BOLTS IN BAND JOISTS

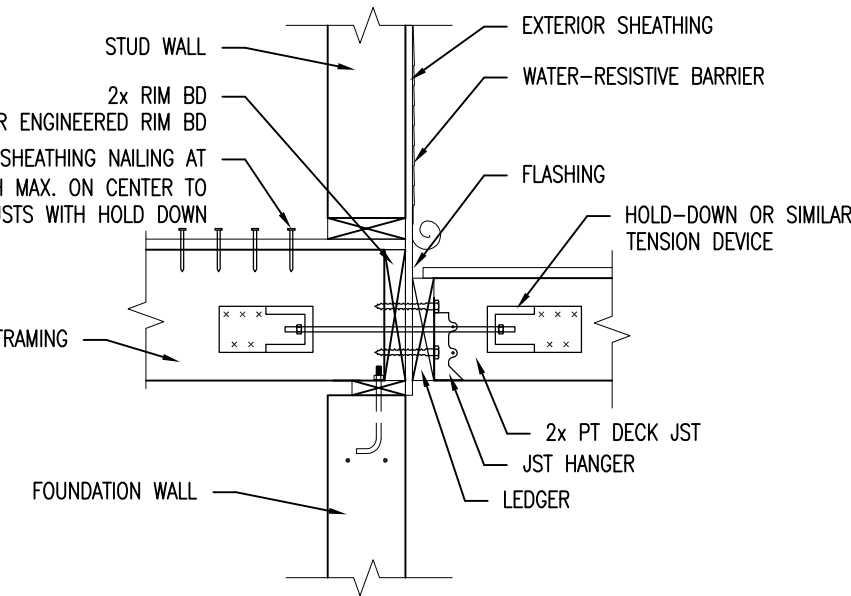
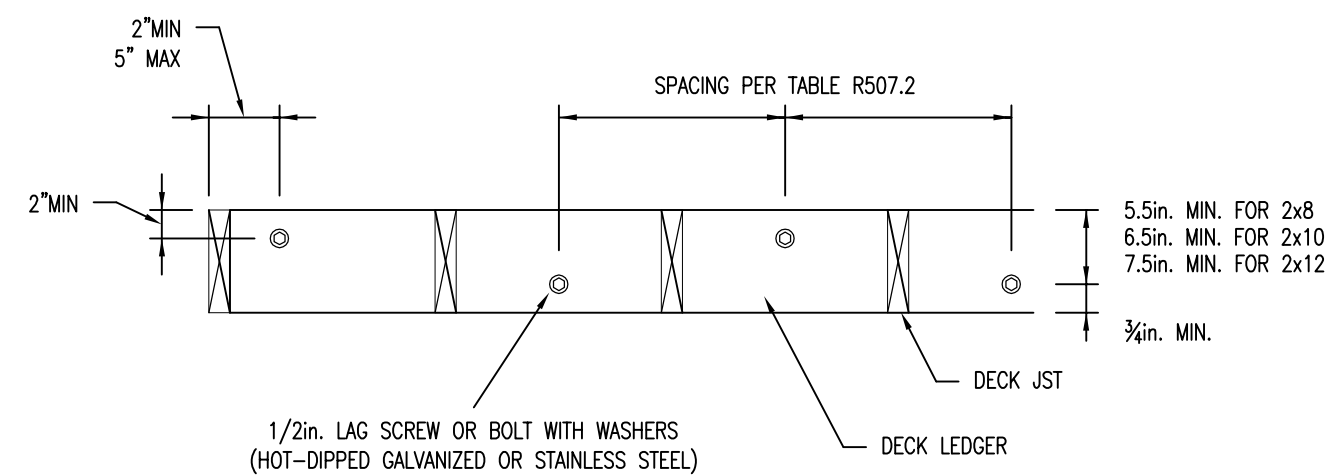
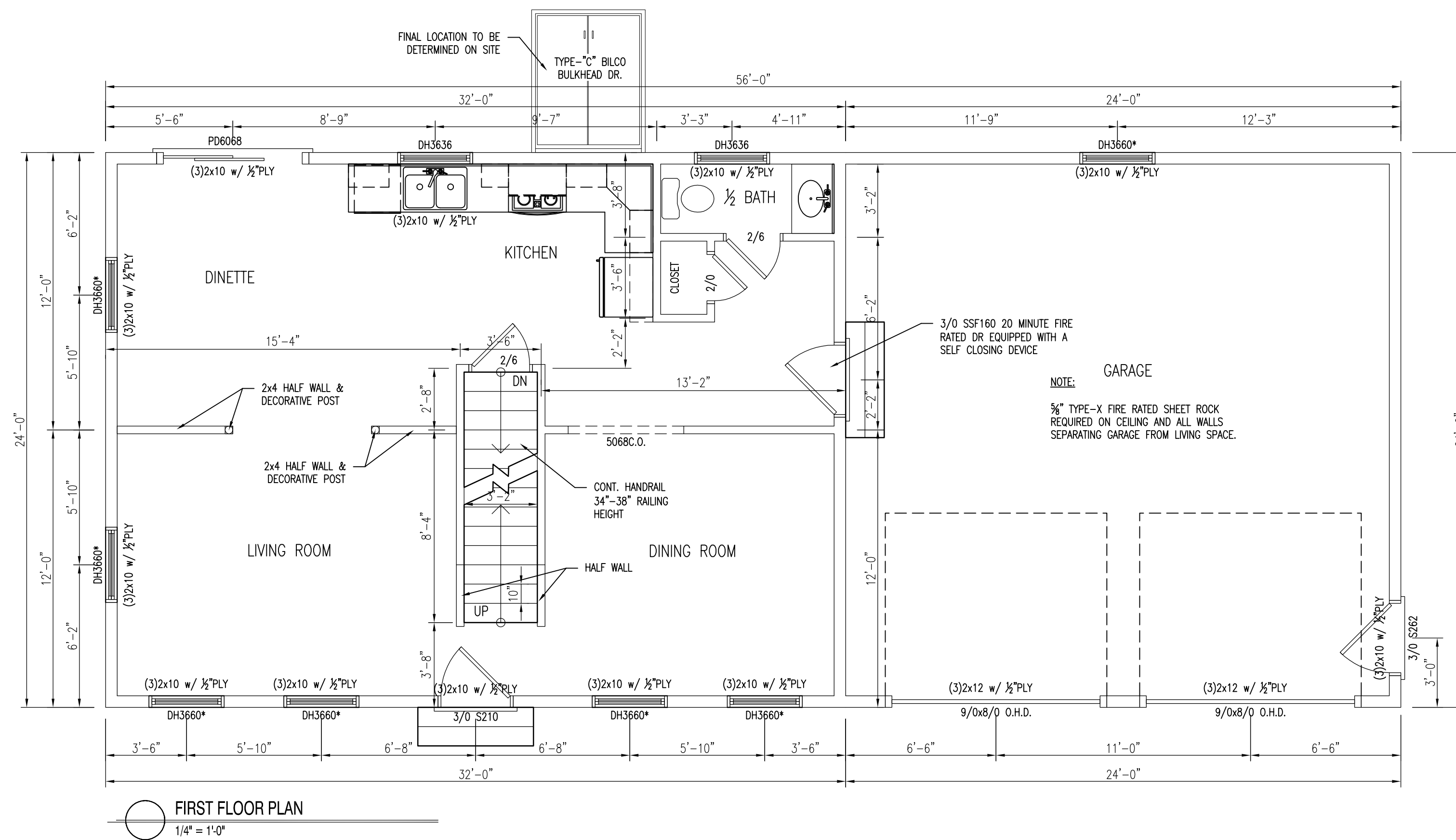


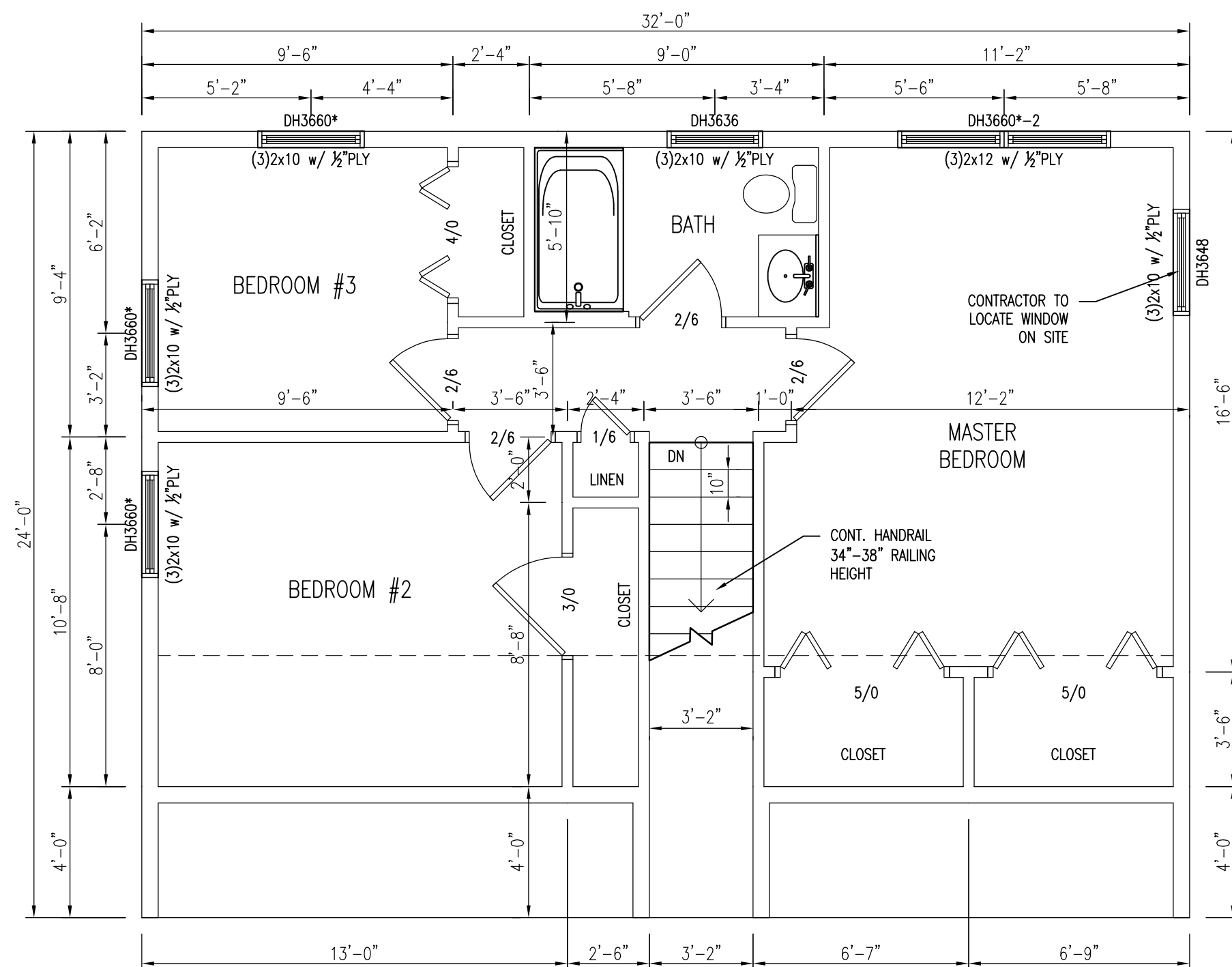
FIGURE R507.2.3  
DECK ATTACHMENT FOR LATERAL LOADS



1/2" LAG SCREW OR BOLT WITH WASHERS (HOT-DIPPED GALVANIZED OR STAINLESS STEEL)



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



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

**FOUNDATION NOTES:**

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

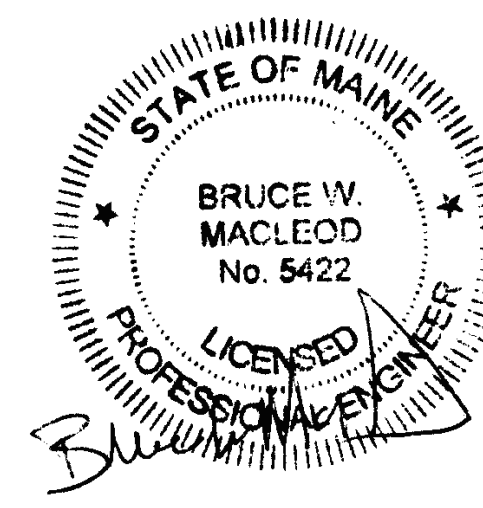
**SMOKE ALARMS**

- SHALL BE INTERCONNECTED & INSTALLED IN THE FOLLOWING LOCATIONS
- EACH SLEEPING AREA
  - OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS
  - ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING BASEMENTS
  - FIRE SEPARATION PER TOWN AND LOCAL CODE WHEN REQUIRED

**\* EGRESS WINDOWS**

**CARBON MONOXIDE ALARMS:**

- SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS
- OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS
  - IN THE IMMEDIATE VICINITY OF THE BEDROOMS IN DWELLING UNITS WITHIN WHICH FUEL-FIRED APPLIANCES ARE INSTALLED AND IN DWELLING UNITS THAT HAVE ATTACHED GARAGES



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

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