ALL DECKS TO BE BUILT IN ACCORDANCE WITH THE 2009 IRC prescriptive residential WOOD DECK CONSTRUCTION auide

ALL MATERIALS, COMPONENTS, MECHANICAL CONNECTORS, FASTENERS, ETC SHALL BE COMPATIBLE WITH PRESSURE TREATED WOOD PRODUCTS.

INSTALL SIMPSON HOLD-DOWN -TENSION DEVICE AT TWO LOCATIONS PER DECK WITH A MINIMUM DESIGN CAPACITY OF 1500 POUNTS *LTTEOB*

FLOOR SHEATHING NAILED 6" O.C. -TO JOIST WITH HOLD-DOWN DEVICE SPECIFIED ABOVE

WASHERS (2) 13" O.C. PATTERN PER FIGURE 19 IN PRESCRIPTIVE RESIDENTIAL WOOD DECK CONSTRUCTION GUIDE - HURRICANE CLIP OR MECHANICAL FASTENER JOIST TO POST SPAN RATED DECKING ATTACHED TO JOISTS WITH

P.T. COMPATIBLE CONTINUOUS FLASHING

extending past ledger fasteners

(2) 80 THREADED NAILS OR (2) #8 SCREWS

P.T. JOISTS @ 16" O.C.

NOTCH 6"X6" P.T. POST TO ACCEPT BEAM

AND FASTEN BEAM TO POST WITH (2) 1/2"

DIA. THEU-BOLTS WITH WASHERS

INSTALL PRE-MANUFACTURED

POST BASE WITH ANCHOR

SEE PLAN FOR SIZING

TYPICAL DROP BEAM DECK

-2"X10" P.T. LEDGER FASTENED WITH 1/2"X4" LAG SCREWS &

JOIST HANGERS

4"MIN / 7.75" MAX

JOIST HANGERS TO HAVE MINIMUM

DOWNLOAD CAPACITY OF 700 LBS

APPROX.

GRADE

NOT TO SCALE

-ATTACH JOISTS TO BEAM WITH (3) 80 THREADED TOE NAILS (2) ON ONE SIDE (1) ON THE OTHER

- ATTACH DECKING TO RIM JOIST WITH 10D THREADED NAILS OR #10X3" MINIMUM WOOD SCREWS @ 6" O.C.

P.T. RIM JOIST ATTACHED TO END OF EACH JOIST WITH (3) TOD THREADED NAILS OR (3) #10x3" MINIMUM WOOD SCREWS

MAXIMUM OVERHANG = JOIST LENGTH / 4

P.T. DROPPED BEAM ASSEMBLED WITH 10D THREADED NAIL OR #10 WOOD SCREW GREATER THAN OR EQUAL TO 3" LONG (A) 16" O.C. STAGGERED IN TWO ROWS

POURED CONCRETE FOUNDATION PIER WITH FOOTING,

PIER DIAMETER BASED UPON VERIFYING PRESUMPTIVE BEARING CAPACITY OF EXISTING SOILS OF SUFFICIENT CAPACITY FOR INTENDED STRUCTURE LOADS.

JUNDISTURBED-NATURALLY-OCCURRING STRATA WITH A MINIMUM PRESUMPTIVE BEARING CAPACITY FOR INTENDED STRUCTURE LOADS. ALTERNATIVELY, PROVIDE ENGINEERING ON CONTROLLED STRUCTURAL FILL COMPACTED TO THE

BOTTOM OF FOOTING SHALL BEAR ON AN SPECIFIED BEARING CAPACITY

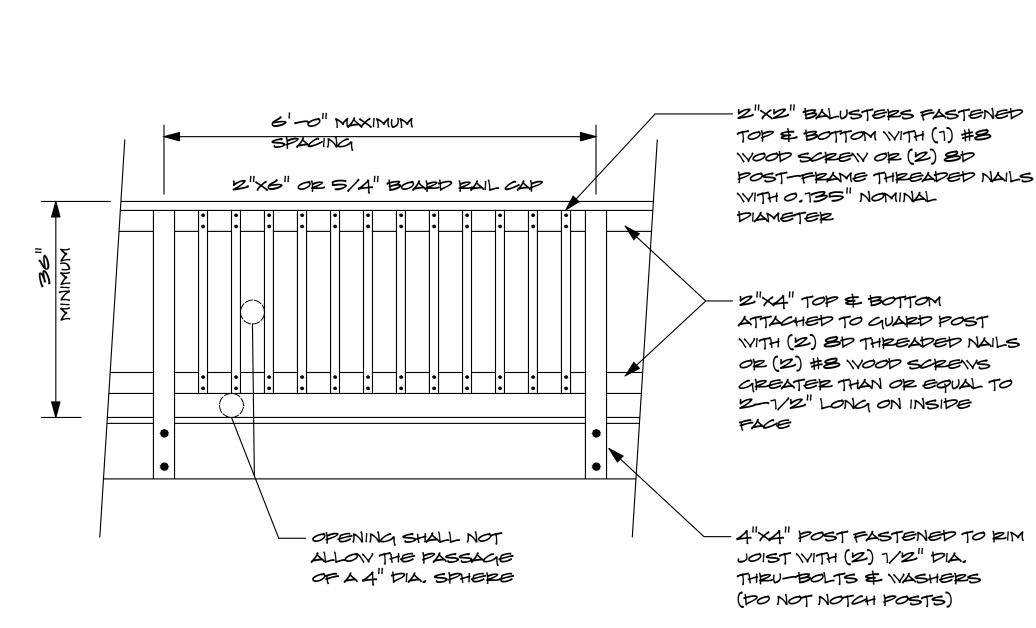
MINIMUM PRESUMPTIVE BEARING CAPACITY FOR

CONTROLLED STRUCTURAL FILL COMPACTED TO THE

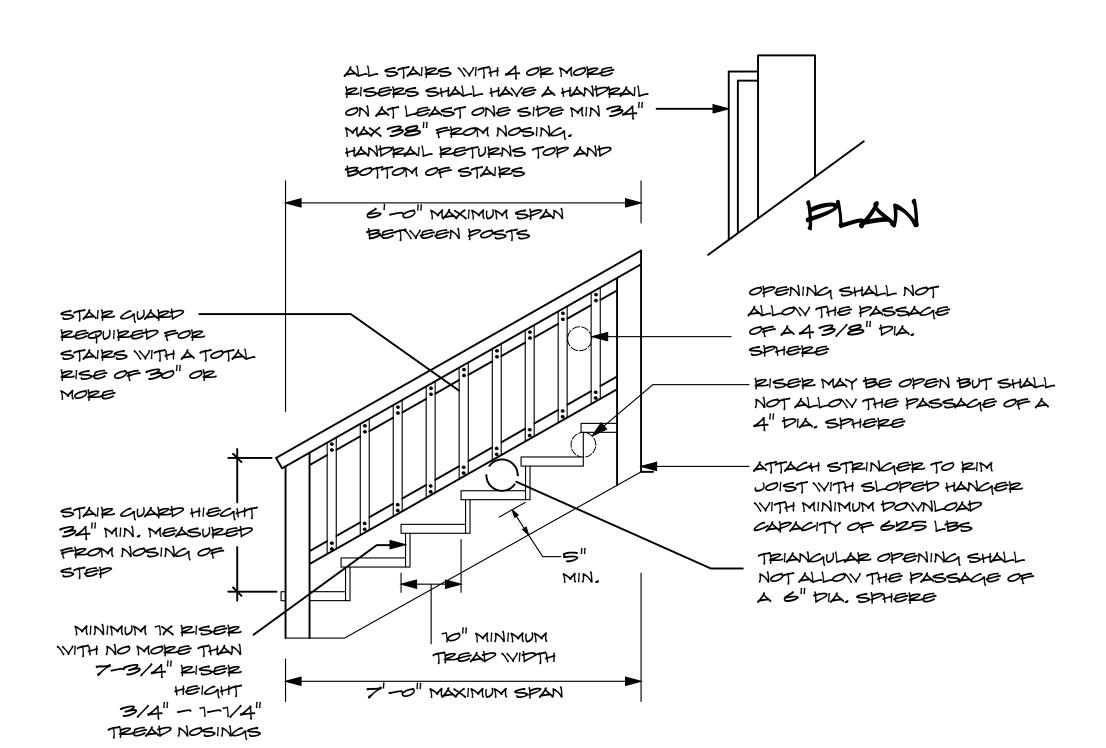
ALTERNATIVELY, PROVIDE ENGINEERING ON

INTENDED STRUCTURE LOADS.

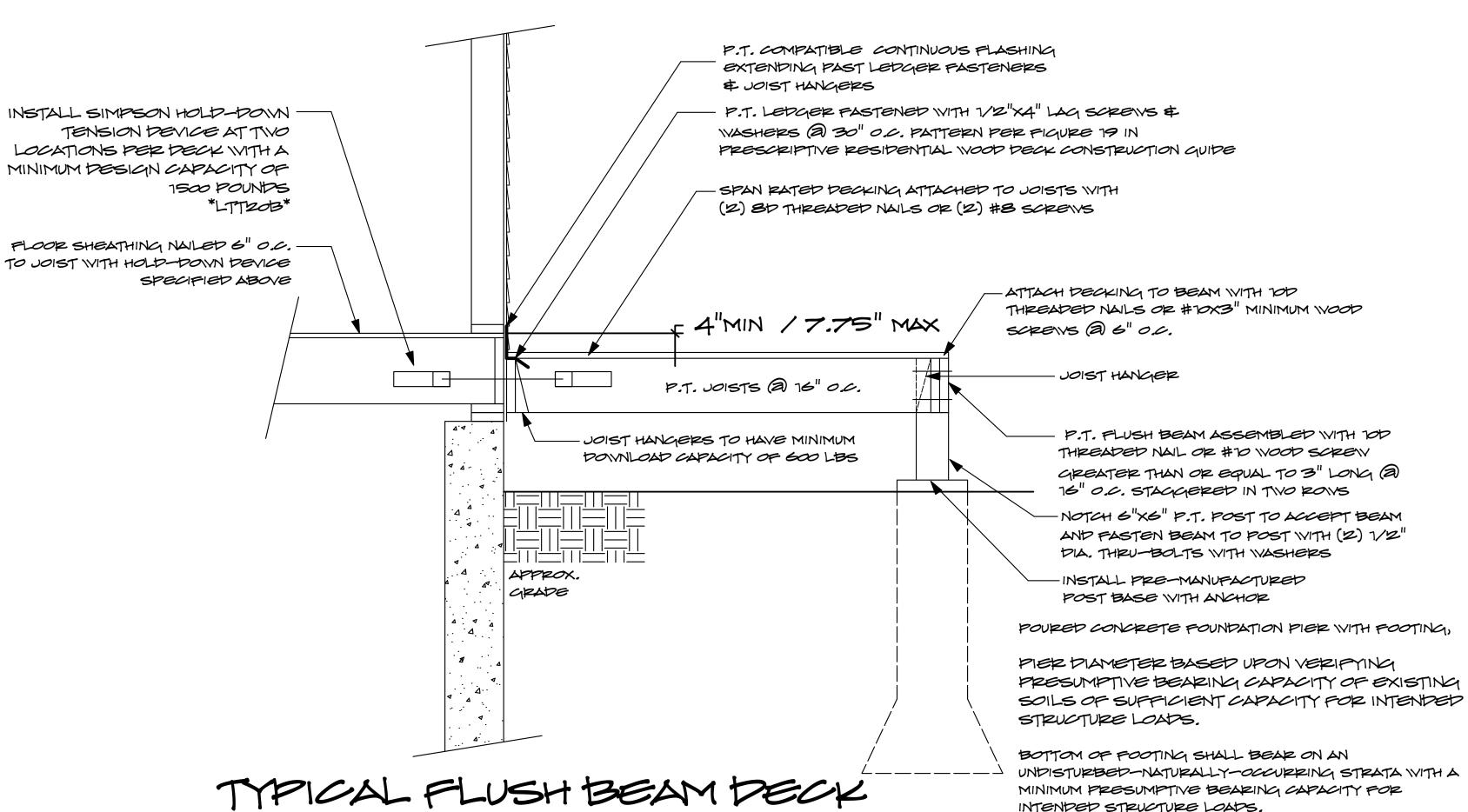
SPECIFIED BEARING CAPACITY

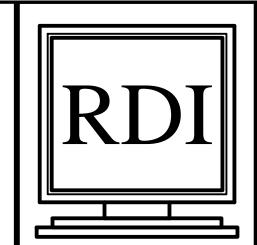


AUARD DETAIL NOT TO SCALE



STAIR DETAIL





RESIDENTIAL DESIGN INC

DESIGNERS

CONSULTANTS

CONSTRUCTION DRAWINGS

P.O. BOX 67 CONNYAY, NH 03818 978-928-5581

PROJECT

FALMOUTH FORESIDE 4

DUPLEX DESIGN

27 MAYFIELD

PORTLAND,

SHEETTITLE

PRESCRIPTIVE DECK DETAILS

DATE

10-28-2014

REVISIONS

SHEET NUMBER