

MiTek USA, Inc.



TOE NAILED CONNECTION
MAXIMUM UPLIFT REACTION:

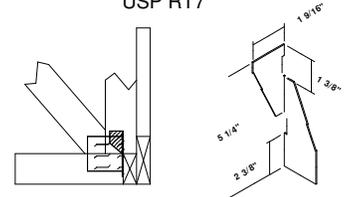
(2) NAILS (3) NAILS

SP = 176.2 lb's. SP = 264.3 lb's.
DF = 161.2 lb's. DF = 241.8 lb's.
HF = 139.8 lb's. HF = 209.7 lb's.
SPF = 136.8 lb's. SPF = 205.2 lb's.

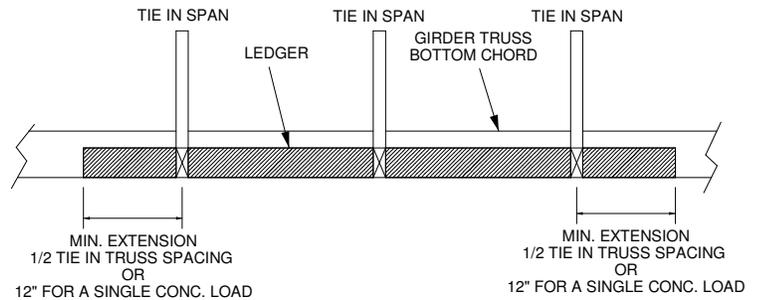
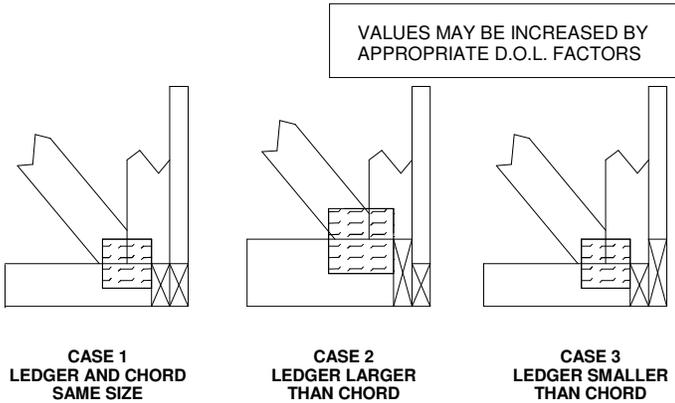
TOE NAILS TO BE DRIVEN THROUGH THE BOTTOM CHORD OF THE TIE IN MEMBER INTO THE LEDGER.

NAILS ARE CONSIDERED 10d (0.131" X 3")

ALTERNATE UPLIFT CONNECTION
USP RT7



RT7 UPLIFT CONNECTION CAPACITY (SP/DF) = 585 lb.
RT7 UPLIFT CONNECTION CAPACITY (SPF) = 540 lb.
AT 1.33% D.O.L.



NOTE: LEDGER MUST EXTEND 1/2 OF THE TIE IN TRUSS SPACING BEYOND THE LAST TRUSS IN A RUN OF TRUSSES OR 12" LEFT AND RIGHT OF ANY SINGLE TIE IN LOAD.

NOTE: THE SMALLER MEMBER SHALL NOT BE MORE THAN 1 NOMINAL SIZE SMALLER THAN THE LARGER MEMBER.

MAX. TIE IN SPAN(S) REACTION:
= (MAX. LOAD (plf) FROM CHART) X (TIE IN SPAN SPACING (ft.))

MAX. TIE IN SPAN ON CENTER SPACING = 34"

APPLY LEDGER, ONE FACE ONLY, AS SHOWN. SECURE LEDGER USING 10d (0.131" X 3") NAILS PER THE FOLLOWING MAX. NAIL SCHEDULE:

2 x 4's - 2 ROWS @ 4.0" O.C. 2 x 8's - 3 ROWS @ 4.0" O.C.
2 x 6's - 3 ROWS @ 4.0" O.C. 2 x 10's - 4 ROWS @ 4.0" O.C.

THE SPECIFIED NUMBER OF ROWS CORRESPOND TO THE MIN. SIZE OF ANY MEMBER THAT IS A PART OF THE CONNECTION.

THE MIN. NAILING PATTERN FOR ANY CONNECTION IS:

2 ROWS @ 4" O.C.

WHEN THERE IS A DIFFERENT LUMBER SPECIES USED FOR THE LEDGER THAN WHAT WAS USED FOR THE GIRDER TRUSS BOTTOM CHORD, USE THE LOWER VALUE OF THE TWO LUMBER SPECIES.

