

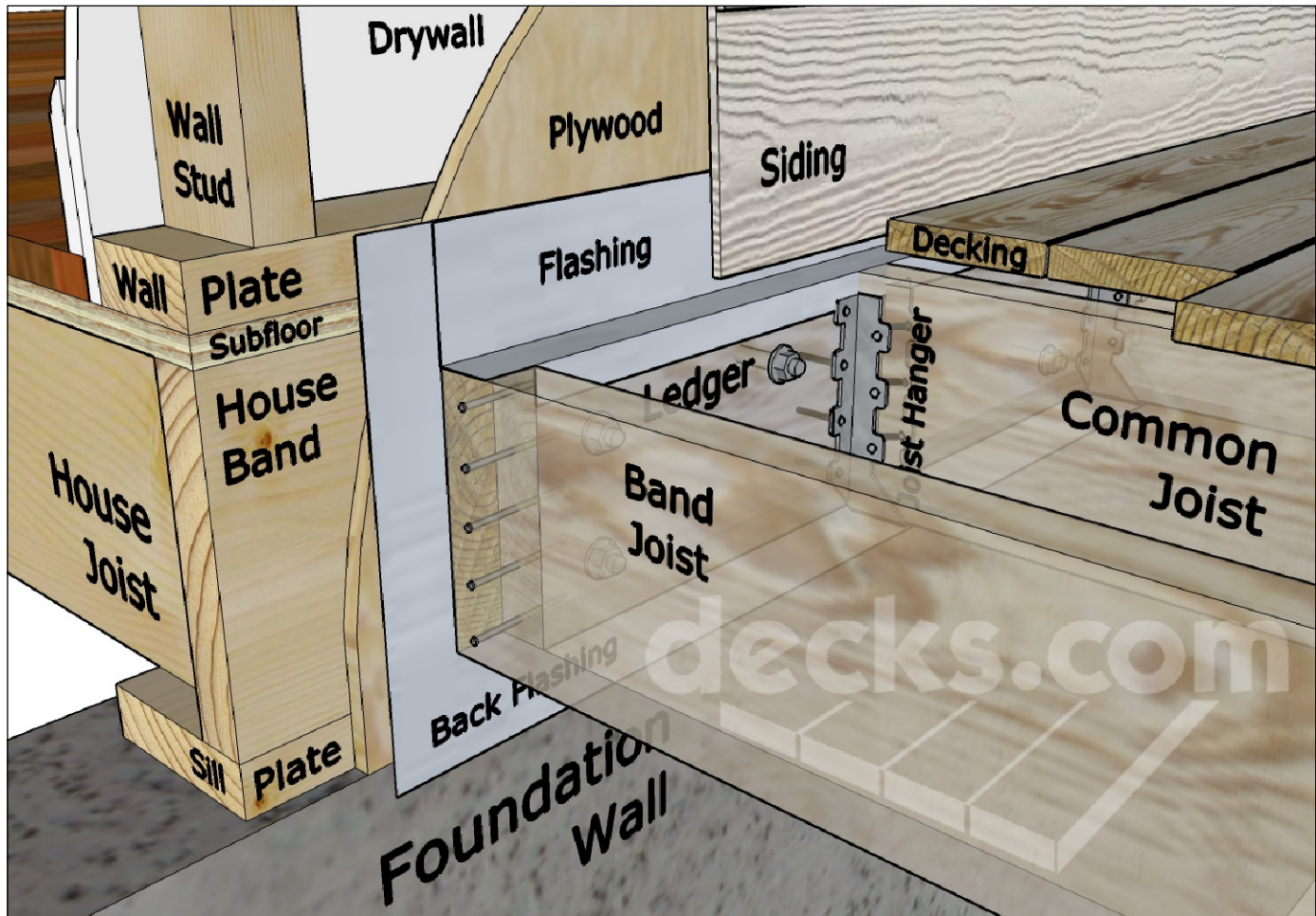
TYPICAL DECK LEDGER BOARD TO HOUSE BAND DETAIL



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LEDGER ATTACHMENT REQUIREMENTS

GENERAL: ATTACH THE LEDGER BOARD, WHICH SHALL BE EQUAL TO OR GREATER THAN THE JOIST SIZE, TO THE EXISTING EXTERIOR WALL IN ACCORDANCE WITH THE ABOVE GRAPHIC. WHEN ATTACHMENTS ARE MADE TO THE EXISTING HOUSE BAND BOARD, THE BAND BOARD SHALL BE CAPABLE OF SUPPORTING THE NEW DECK. IF THIS CANNOT BE VERIFIED OR THE CONDITIONS AT THE EXISTING HOUSE DIFFER FROM THE DETAILS HEREIN, THEN A FREE-STANDING DECK IS REQUIRED.

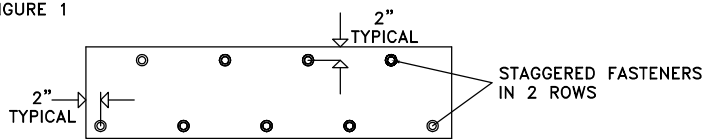
SIDING AND FLASHING: HOUSE SIDING, OR THE EXTERIOR FINISH SYSTEM, MUST BE REMOVED PRIOR TO THE INSTALLATION OF THE LEDGER BOARD. FLASHING IS REQUIRED AT ANY LEDGER BOARD CONNECTION TO A WALL OF WOOD FRAMED CONSTRUCTION AND SHALL BE COMPOSED OF COPPER (ATTACHED WITH COPPER NAILS), STAINLESS STEEL, UV RESISTANT PLASTIC, OR GALVANIZED STEEL COATED WITH G-185 COATING

MANUFACTURED WOOD JOISTS: MANY NEW HOMES CONSTRUCTED WITH MANUFACTURED WOOD "I" JOISTS INCLUDE A 1-1/4" MANUFACTURED SOLID BAND BOARD THAT CAN SUPPORT THE ATTACHMENT OF A DECK. HOWEVER, OLDER HOMES CONSTRUCTED WITH MWJ'S MAY ONLY INCLUDE A PLYWOOD BAND BOARD WHICH CANNOT SUPPORT A DECK. IN SUCH CASES A FREE-STANDING DECK IS REQUIRED.

PROHIBITED LEDGER ATTACHMENTS: ATTACHMENTS TO THE ENDS OF PRE-MANUFACTURED OPEN WEB JOISTS, TO BRICK VENEERS, AND TO HOUSE OVERHANGS OR BAY WINDOWS IS STRICTLY PROHIBITED.

LEDGER BOARD FASTENERS: THE SPACING BETWEEN LEDGER BOARD FASTENERS IS DEPENDENT ON THE SPAN LENGTH OF THE JOISTS. USE THE FOLLOWING TABLE TO DETERMINE FASTENER SPACING AND INSTALL TO THE CONFIGURATION IN FIGURE 1. ALL FASTENERS SHALL BE INSTALLED WITH WASHERS AND MUST BE THOROUGHLY TIGHTENED.

FIGURE 1



LAG SCREWS: LAG SCREWS SHALL BE A MINIMUM 1/2" AND INSTALLED WITH WASHERS LAG SCREWS MUST BE HOT-DIPPED GALVANIZED OR ONLY. LAG SCREWS MUST PENETRATE BEYOND BAND BOARD A STAINLESS STEEL MINIMUM OF 1/2".

JOIST SPAN	FASTENER SPACING, ON CENTER		
	1/2" LAG SCREWS	LEDGERLOK	THRUBOLTS
0' - 6'	30"	16"	36"
6' - 8'	23"	12"	36"
8' - 10'	18"	10"	34"
10' - 12'	15"	8"	29"
12' - 14'	13"	7"	24"
14' - 16'	11"	6"	21"
16' - 18'	10"	5"	19"

LAG SCREW INSTALLATION REQUIREMENTS: EACH LAG SCREW SHALL HAVE PILOT HOLES DRILLED AS FOLLOWS: 1) DRILL A 1/2" PILOT HOLE IN THE LEDGER BOARD, 2) DRILL A 5/16" DIAMETER HOLE INTO THE SOLID CONNECTION MATERIAL OF THE EXISTING HOUSE. DO NOT DRILL A 1/2" DIAMETER HOLE INTO THE SOLID CONNECTION MATERIAL. THE THREADED PORTION OF THE LAG SCREW SHALL BE INSERTED INTO THE PILOT HOLE BY TURNING. DO NOT DRIVE WITH A HAMMER. EACH LAG SCREW SHALL BE THOROUGHLY TIGHTENED.