

EXISTING FLOOR JOIST SHALL BE ATTACHED TO AND SUPPORTED BY NEW BEAM USING SIMPSON STRONG TIE FOR EACH JOIST.

NEW BEAM (3) ROUGH CUT 2X12 STRUCTURAL MEMBERS

NEW BEAM SHALL HAVE MINIMUM BEARING LENGTH OF 3" ON EACH SIDE OF BEAM.

EXISTING 2X4 EXTERIOR STUD WALL TO REMAIN. INCREASE THE NUMBER OF STUDS DIRECTLY UNDER NEW BEAM TO MATCH BEAM THICKNESS.

EXISTING 2X FLOOR JOIST WITH PLYWOOD DECKING.

EXISTING 2X4 INTERIOR STUD WALL TO REMAIN. INCREASE THE NUMBER OF STUDS DIRECTLY UNDER NEW BEAM TO MATCH BEAM THICKNESS.

VERIFY THAT EACH LOAD BEARING WALL IS SUPPORTED DIRECTLY BY EXISTING CHAIN WALL/PIER UNDER BUILDING.

