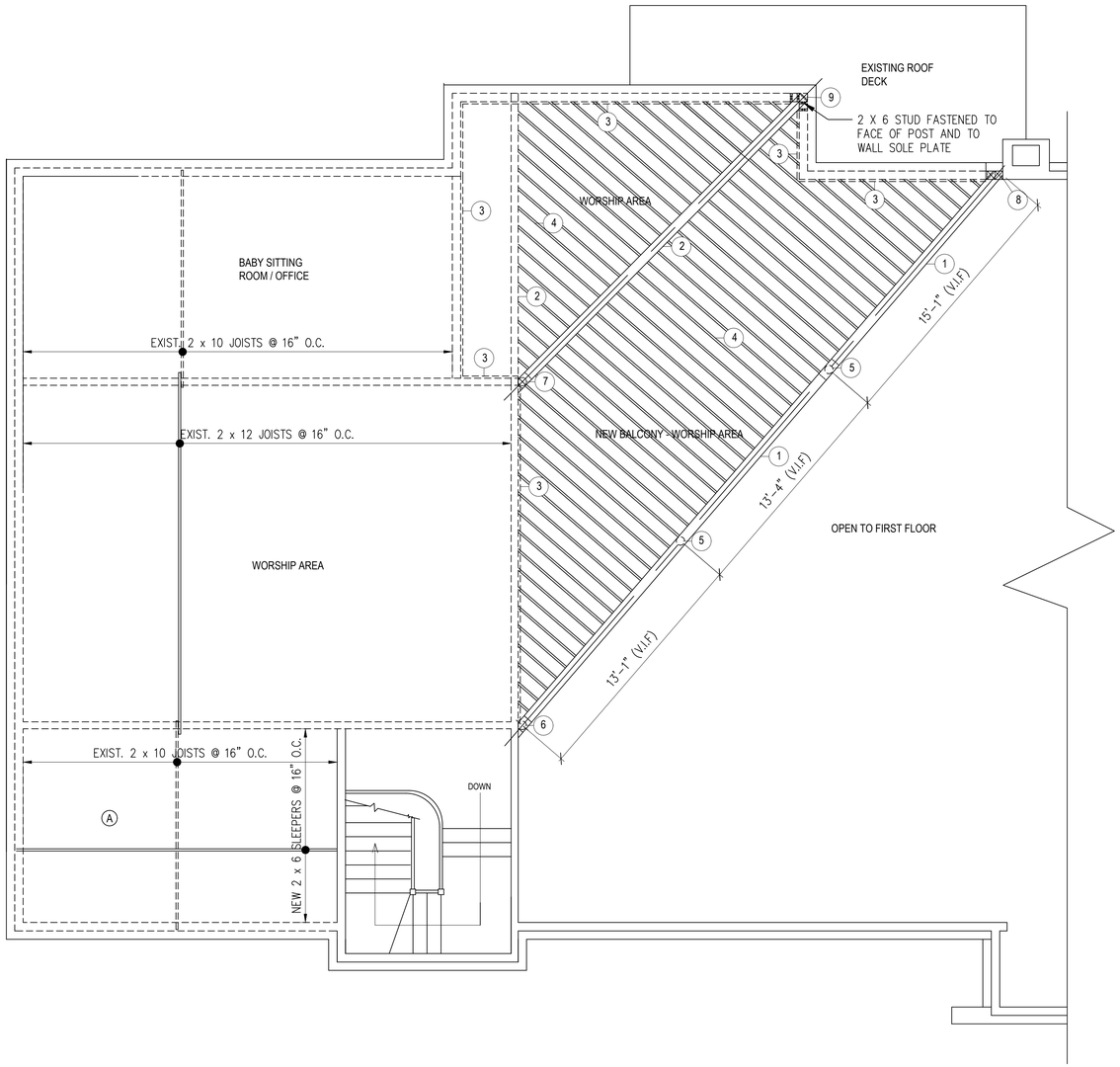


1 SECOND FLOOR FRAMING PLAN (FLOOR DECKING NOT SHOWN FOR CLARITY)

SCALE: 1/4" = 1' - 0"

## FRAMING NOTES/KEY

1. (4) 1 3/4" x 24" LVL (2.0E - 2900Fb GRADE) BEAM AT EDGE OF NEW BALCONY. LVL PLIES SHALL BE FASTENED TOGETHER USING (3) - VERTICAL ROWS OF 1/2" DIA. THRU BOLTS SPACED @ 24" O.C. HORIZONTALLY. ELEVATION OF TOP OF BEAM SHALL MATCH ELEVATION OF TOP OF FLOOR JOISTS. FULL WIDTH OF BEAM SHALL BEAR ON STEEL COLUMN TOP PLATE W/ MIN. BEARING LENGTH = 6" AND FULL WIDTH OF BEAM SHALL BEAR ON FULL WIDTH 6 x 6 WOOD POST SECTION. BEAM SHALL BE FASTENED TO STEEL COLUMN TOP PLATE W/ (2) 5/8"-DIA. x 5"-LONG LAG BOLTS AND TO TOP OF WOOD POSTS W/ SIMPSON STRONG-TIE BC80 CONNECTOR OR EQUIVALENT.
2. (3) 1 3/4" x 24" LVL (2.0E - 2900Fb GRADE) BEAM AT INTERIOR OF NEW BALCONY. LVL PLIES SHALL BE FASTENED TOGETHER USING (3) - VERTICAL ROWS OF 1/2" DIA. THRU BOLTS SPACED @ 24" O.C. HORIZONTALLY. ELEVATION OF TOP OF BEAM SHALL MATCH ELEVATION OF TOP OF FLOOR JOISTS. FULL WIDTH OF BEAM SHALL BEAR ON STEEL COLUMN TOP PLATE W/ MIN. BEARING LENGTH = 6" AND FULL WIDTH OF BEAM SHALL BEAR ON FULL WIDTH 6 x 6 WOOD POST SECTION. BEAM SHALL BE FASTENED TO STEEL COLUMN TOP PLATE W/ (2) 5/8"-DIA. x 5"-LONG LAG BOLTS AND TO TOP OF WOOD POSTS W/ SIMPSON STRONG-TIE BC60 CONNECTOR OR EQUIVALENT.
3. 2 x 12 SAWN LUMBER (D.F-LARCH NO.1 OR BETTER GRADE) LEDGER BEAM FASTENED DIRECTLY TO FACE OF EACH STUD IN EXISTING WALL W/ (3) 16d COMMON NAILS. LEDGER SHALL BE ALIGNED SO THAT TOP OF LEDGER MATCHES TOP OF NEW FLOOR JOISTS.
4. 2 x 12 SAWN LUMBER (D.F-LARCH NO.1 OR BETTER GRADE) JOIST SPACED @ 16" O.C. AND FASTENED AT EACH END TO LEDGER OR BEAM W/ SIMPSON STRONG-TIE HUS 210 (OR EQUIVALENT) JOIST HANGER. AT LEAST ONE (1) LAYER OF 5/8" TYPE-X GYPSUM WALLBOARD SHALL BE FASTENED TO THE UNDERSIDE OF EACH JOIST W/ 1 5/8"-LONG WALLBOARD NAILS
5. 6" DIA. STANDARD WEIGHT PIPE COLUMN W/ 1/2" x 7" x 12" STEEL PLATE WELDED CONCENTRICALLY TO TOP OF PIPE. STEEL PLATE SHALL BE PROVIDED WI/ (4) BOLT HOLES (1 NEAR EACH CORNER OF THE PLATE). CENTER OF BOLT HOLES SHALL BE 1 1/2" FROM NEAREST PLATE EDGE. BASE OF COLUMN SHALL BE WELDED TO TOP OF EXISTING STEEL I-BEAM BELOW. WELDS SHALL BE 1/4" FILLET WELDS USING 70 KSI ELECTRODE AND SHALL BE CONTINUOUS AROUND THE PERIMETER OF THE COLUMN. WHERE NEW PIPE COLUMN DOES NOT ALIGN WITH COLUMN IN THE BASEMENT, THE NEW PIPE COLUMN SHALL CONTINUE INTO THE BASEMENT AND SHALL BE SUPPORTED ON A 4'-6" x 4'-6" x 1'-0" THICK CONCRETE FOOTING. FOOTING SHALL BE REINFORCED AT ITS BOTTOM WITH #5 BARS SPACED AT 1'-0" CENTER-TO CENTER.
6. 6" DIA. STANDARD WEIGHT PIPE COLUMN W/ 1/2" x 7" x 9 1/2" STEEL PLATE WELDED TO TOP OF PIPE. PLATE SHALL BE LOCATED SO THAT FRONT EDGE OF PLATE IS 6" FROM CENTER OF PIPE. STEEL PLATE SHALL BE PROVIDED WI/ (2) BOLT HOLES (EACH NEAR FRONT CORNERS OF PLATE). CENTER OF BOLT HOLES SHALL BE 1 1/2" FROM NEAREST PLATE EDGE. BASE OF COLUMN SHALL BE WELDED TO TOP OF EXISTING STEEL I-BEAM BELOW. WELDS SHALL BE 1/4" FILLET WELDS USING 70 KSI ELECTRODE AND SHALL BE CONTINUOUS AROUND THE PERIMETER OF THE COLUMN.
7. 4" DIA. STANDARD WEIGHT PIPE COLUMN W/ 1/2" x 5 1/4" x 9 1/2" STEEL PLATE WELDED TO TOP OF PIPE. PLATE SHALL BE LOCATED SO THAT FRONT EDGE OF PLATE IS 6" FROM CENTER OF PIPE. STEEL PLATE SHALL BE PROVIDED WI/ (2) BOLT HOLES (EACH NEAR FRONT CORNERS OF PLATE). CENTER OF BOLT HOLES SHALL BE 1 1/2" FROM NEAREST PLATE EDGE. BASE OF COLUMN SHALL BE WELDED TO TOP OF EXISTING STEEL I-BEAM BELOW. WELDS SHALL BE 1/4" FILLET WELDS USING 70 KSI ELECTRODE AND SHALL BE CONTINUOUS AROUND THE PERIMETER OF THE COLUMN.
8. 2 - 6 x 6 WOOD POST INSTALLED SIDE-BY-SIDE WITHIN THE PLANE OF EXISTING WALL. POSTS SHALL BE FASTENED AT BASE TO EXISTING WALL SOLE PLATE W/ (4) 16D COMMON NAILS AND FASTENED TO BEAM AT TOP W/ SIMPSON STRONG-TIE BC80 CONNECTOR OR EQUIVALENT.
9. 6 x 6 WOOD POST INSTALLED WITHIN THE CORNER OF EXISTING WALL. POSTS SHALL BE FASTENED AT BASE TO EXISTING WALL SOLE PLATE W/ (4) 16D COMMON NAILS AND FASTENED TO BEAM AT TOP W/ SIMPSON STRONG-TIE BC60 CONNECTOR OR EQUIVALENT.
10. EXISTING 2 x 12 FLOOR JOIST CUT TO ACCOMMODATE NEW STAIRS. JOISTS FASTENED AT CUT END TO HEADER W/ SIMPSON STRONG-TIE HUS 210 OR EQUIVALENT JOIST HANGER.
11. NEW (2) 2 x 12 HEADER. HEADER FASTENED AT EACH END TO FACE OF 6 x 6 POST W/ SIMPSON STRONG-TIE HUS210-2 JOISTS HANGER OR EQUIVALENT.
12. 6 x 6 POST INSTALLED IN PLANE OF WALL. POST SHALL BE FASTENED WALL TOP PLATE W/ (4) 16D COMMON NAILS AND TO WALL BOTTOM PLATE W/ (4) 16D COMMON NAILS.
13. STAIR MEMBERS SHALL BE FROM 2 x SAWN LUMBER OR EQUIVALENT. STAIR STRINGERS SHALL BE FASTENED TO FACE OF EACH STUD IN ADJACENT WALL W/ (2) 16D COMMON NAILS IN EACH STUD.

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EXISTING FLOOR IN THIS AREA IS TO BE RAISED TO MATCH FLOOR ELEVATION IN ADJACENT SPACES

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE CURRENT VERSION OF THE WISCONSIN COMMERCIAL BUILDING CODE AND THE CURRENT VERSION OF THE INTERNATIONAL BUILDING CODE.


EECMS

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PROJECT:

RISALE CENTER BUILDING RENOVATION

2009 - 13 S 19TH ST.
MILWAUKEE, WI

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| DATE | 01.18.17 |

SECOND FLOOR FRAMING PLAN

7.0