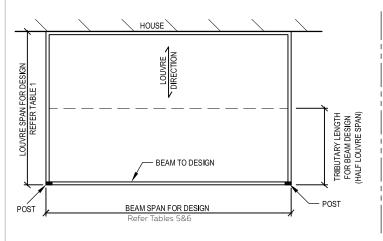
TECHNICAL DETAILS: STRUCTURE ATTACHED TO HOUSE - TYPICAL STRUCTURE

TYPICAL DETAIL | SIMPLY SUPPORTED BEAM, FIGURE 1

Plan view / Louvre and Beam Design



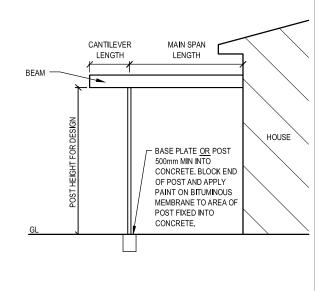
POST BASE PLATE OR POST 500mm MIN INTO CONCRETE. BLOCK END OF POST AND APPLY PAINT ON BITUMINOUS MEMBRANE TO AREA OF POST FIXED INTO CONCRETE. GL

TYPICAL DETAIL // SIMPLY SUPPORTED BEAM, FIGURE 2

Plan view / Louvre and Beam Design

HOUSE LOUVE SPAN LOR DESIGN TRIBUTARY LENGTH FOR BEAM SPAN FOR DESIGN LOUVE SPAN FOR DESIGN REFER TABLE 1

Front Elevation



SCALE: DATE MODIFIED: 01/10/2024 FILE: ENGINEERING REPORTS 13.15

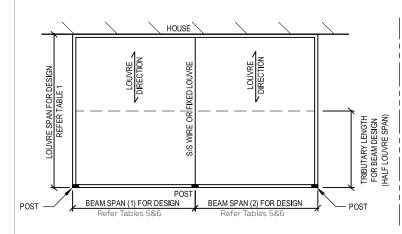
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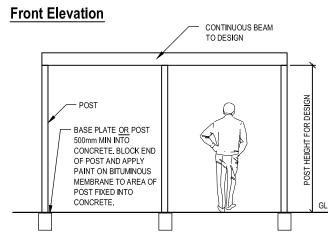
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TECHNICAL DETAILS: STRUCTURE ATTACHED TO HOUSE - TYPICAL STRUCTURE

TYPICAL DETAIL | CONTINUOUS BEAM SPAN OPTION 1, FIGURE 3

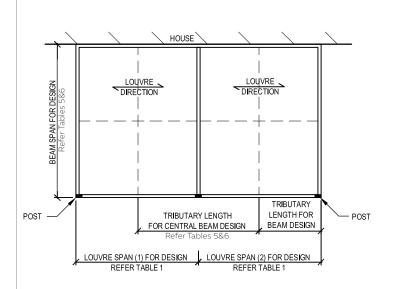
Plan view / Louvre and Beam Design



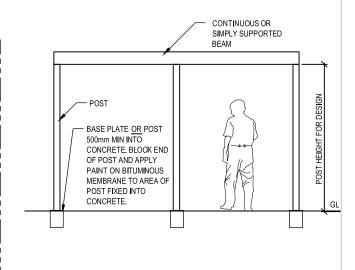


TYPICAL DETAIL // CONTINUOUS BEAM SPAN, OPTION 2, FIGURE 4

Plan view / Louvre and Beam Design



Front Elevation

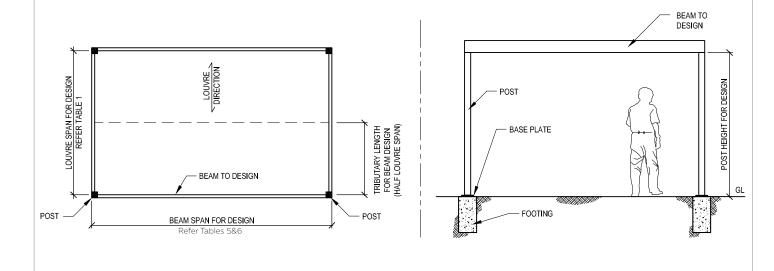




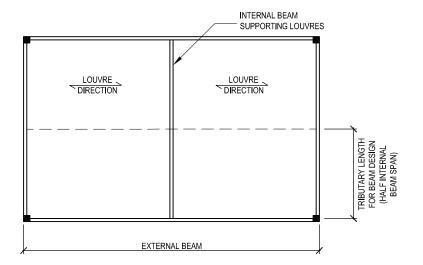
TYPICAL DETAIL // SIMPLY SUPPORTED BEAM, FIGURE 5

Plan view / Louvre and Beam Design

Front Elevation



TYPICAL DETAIL // SIMPLY SUPPORTED EXTERNAL BEAM WITH INTERNAL CONNECTED BEAM



NOTES

1. WHERE AN EXTERNAL BEAM SUPPORTS ONE INTERNAL BEAM THAT SUPPORTS THE LOUVRES, THE EXTERNAL BEAM SHOULD BE DESIGNED USING A LOUVRE TRIBUTARY LENGTH EQUAL TO HALF OF THE LENGTH OF THE INTERNAL BEAM. THE INTERNAL BEAM SHALL BE DESIGNED AS A TYPICAL BEAM SUPPORTING LOUVRES.

2. THE INTERNAL BEAM CAN BE LOCATED ANYWHERE ALONG THE LENGTH OF THE EXTERNAL BEAM.

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