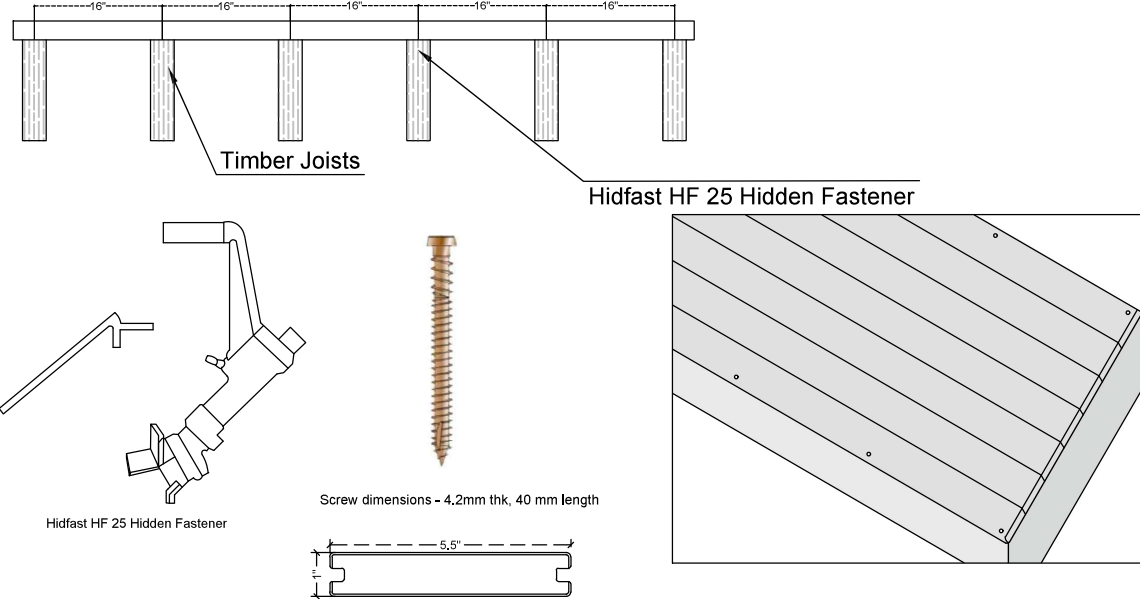
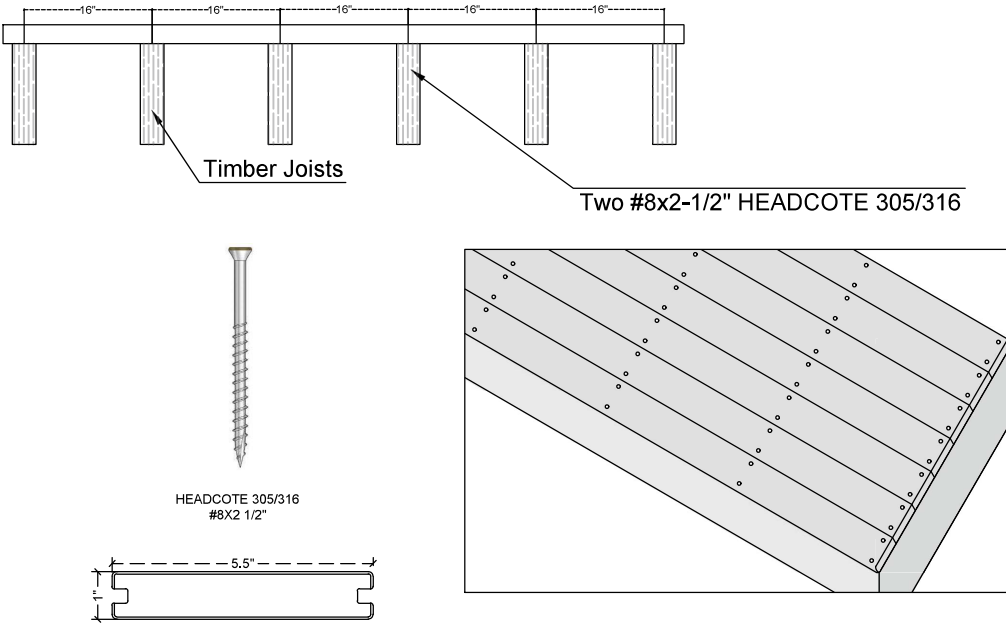
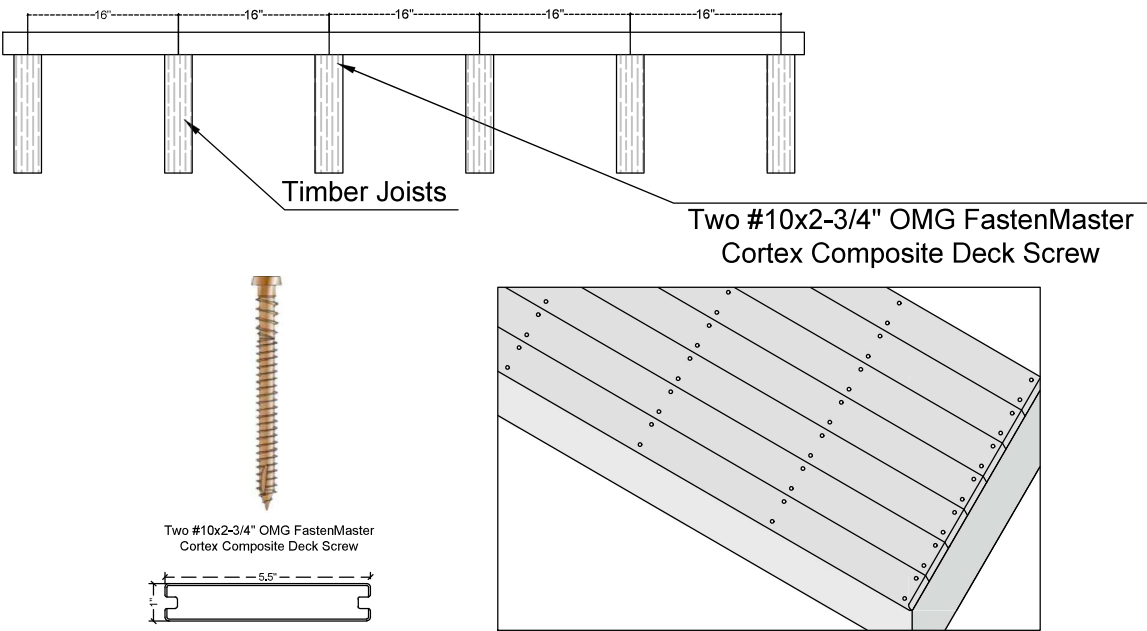




Ontario Building Code Reference:

9.4.2.3. Platforms Subject to Snow and Occupancy Loads intended for an occupancy and subject to snow loads shall be designed to carry the specified roof snow load or 1.9 kPa (40 psf), whichever is greater, where the platform, or each segregated area of the platform, serves a single dwelling unit.

9.8.9.1. Loads on stairs and ramps :

- Except as required in Articles 9.8.9.4 and 9.8.9.5., staris and ramps shall be designed for strength and rigidity under uniform loading criteria to support specific loads., (a) 1.9 kPa for stairs and ramps serving a single dwelling unit, and (b) 4.8kPa for other stairs and ramps.

Ontario Building Code Compliance:

This deck board complies for the use under the Ontario Building Code is in all areas of Ontario with specified snow loads listed in the Supplementary Standard SB-1 (2024) - Climatic and Seismic Information for Building Design in Ontario. Spacing of supports to be at max. 400c/c (16"c/c) for areas with a specified snow load of 4.8kPa or less.

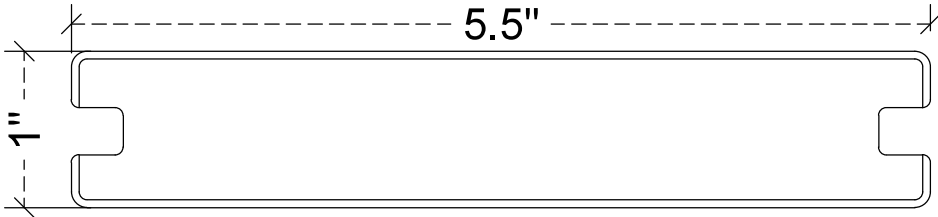
Uplift Capacity:

Maximum allowable uplift capacity for two #10x2-3/4in. OMG FastenMaster Cortex composite deck screw per joist = 7.1 kPa (148 psf)

Maximum allowable uplift capacity for two #8x2-1/2"in. HEADCOTE 305/316 composite deck screw per joist = 7.1 kPa (149psf)

Maximum allowable uplift capacity for Hidefast HF 25 hidden fastener per joist - 6.4 kPa (133psf)
(The first and last deck boards must be face fastened with #10x2-3/4in. OMG FastenMaster Cortex composite deck screws.)

This value to be used in conjunction with the specified wind loads listed in the Supplementary Standard SB-1 - Climatic and Seismic Information for Building Design in Ontario (JANUARY 1, 2024).



GROOVED DECK BOARD



Deck Clips

General Notes

* CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK SITE AND REPORT DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING.

* ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF CONSULTANTS AND MUST BE RETURNED AT THE COMPLETION OF WORK.

* THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE CONSULTANT.

* DRAWINGS ARE NOT TO BE SCALED.

LEGENDS:-

REVISION			
NO.	DATE	DESCRIPTION	BY

Firm Name and Address

MEM ENGINEERING INC
2355 DERRY ROAD EAST
MISSISSAUGA, ON, L5S 1V6
905-673-9100
Email:mem.bldgpermits@gmail.com

LICENSED PROFESSIONAL ENGINEER

NOT REVIEWED FOR M.E.P.

PROJECT TITLE:

LIKEWOOD

SHEET TITLE:

CLIENT EMAIL:

CLIENT CONTACT:

SCALE:

PLOT DATE:
2024-06-08

DRAWN BY:
SS

CHECKED BY:
HS

DRAWING NO.:

A01