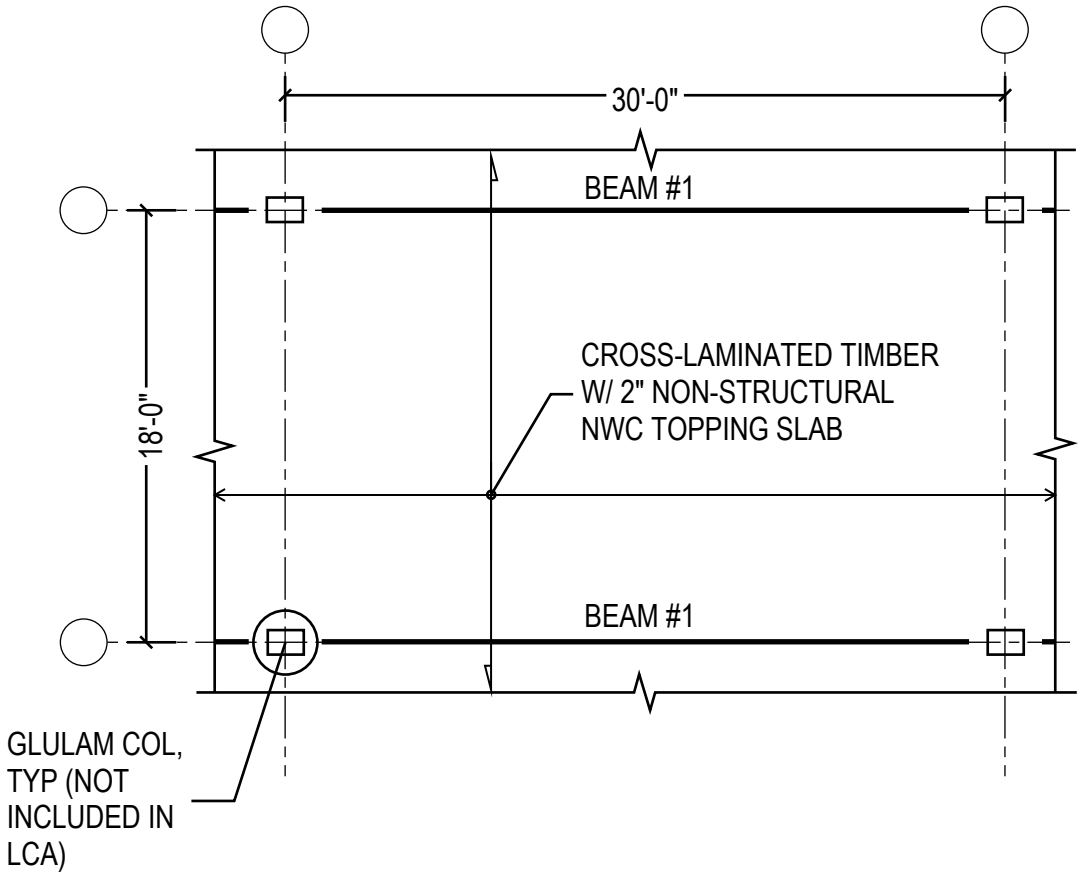
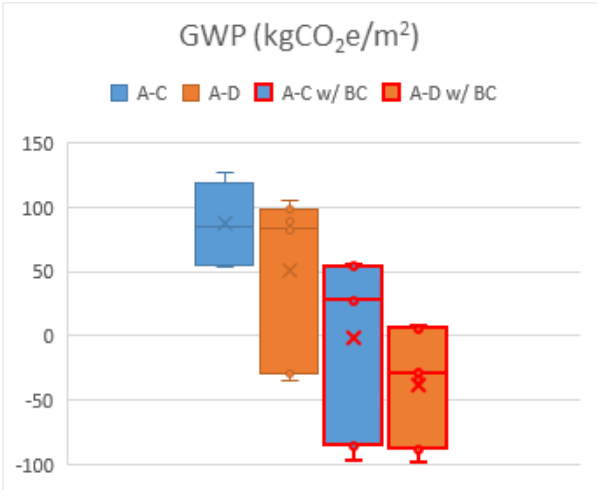


18'x30' MASS TIMBER POST-AND-BEAM OFFICE BAY

INCLUDED IN LCA:
(1)-BEAM #1, *24F-V4 (DF) - 8.75"x31.5" TO 10.25"x30"*
CLT, *V2 OR E1 (SPF) - 5-PLY (6.90") TO 7-PLY (7.56")*
CONCRETE = 3,000 PSI, NORMALWEIGHT, 20-29% SCMs
WWR 6x6 W1.4xW1.4
(1) STEEL BEAM-COL CONNECTION - *125 LBS TO 200 LBS*

NOTE: ITALICS INDICATES ITEMS WITH VARIABLE DESIGN BY DIFFERENT DESIGNERS.

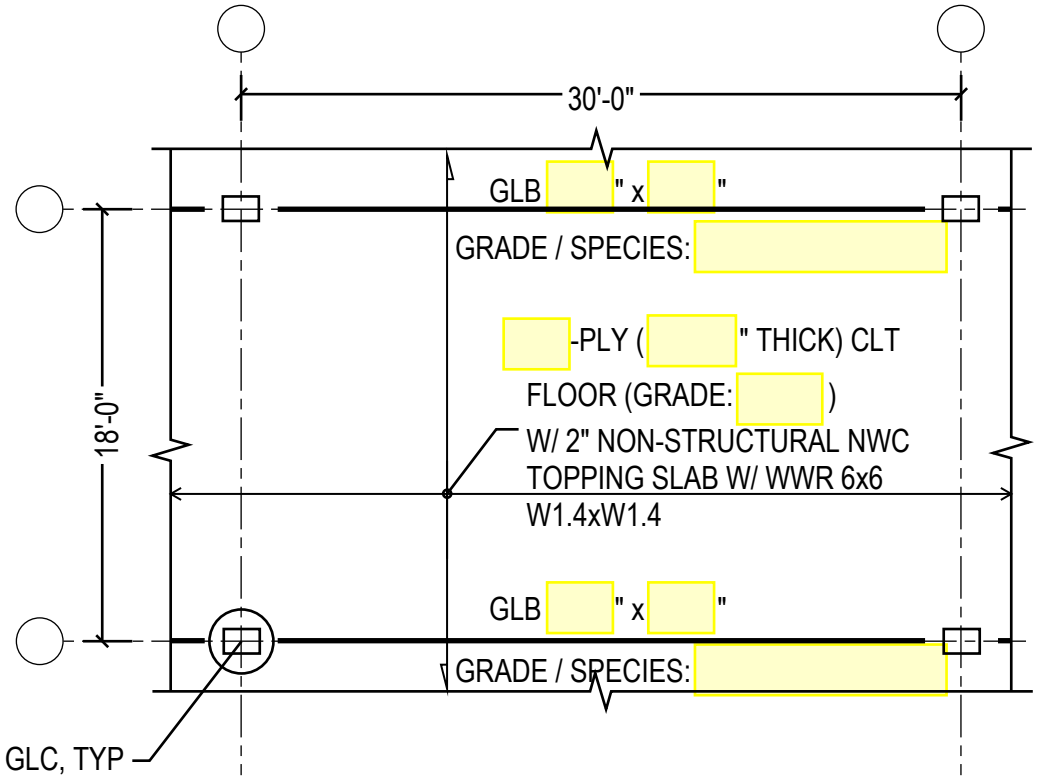


BC = BIOGENIC (SEQUESTERED) CARBON

PROJECT	SEI SE2050 Working Group
TITLE	Embodied Carbon Intensity Diagrams

SE2050 COMMITTING TO ZERO

Appendix: This is the sheet that was given to designers to design the bay



OFFICE (TIMBER)

NOTES:

1. LOADING CRITERIA:
   SDL: 32 PSF (INCLUDES TOPPING WEIGHT)
   LL: 50 (R) + 15 PSF (NR - PARTITIONS)
2. GLB = GLULAM BEAM, GLC = GLULAM COLUMN,
   CLT = CROSS-LAMINATED TIMBER.
   USE COMMON GRADES (e.g. 24F-V4 DF/DF
   OR 24F-V5 SP/SP FOR GL, V2 FOR CLT)
3. FOR FIRE DESIGN, CONSIDER AS CONSTRUCTION
   TYPE III-A OR IV, UNPROTECTED.

ADDITIONAL DESIGN OUTPUT:

1. LBS STEEL CONNECTION WEIGHT AT TYP COL JOINT

PROJECT	SEI SE2050 Working Group	DATE	08/12/2020
TITLE	Embodied Carbon Intensity Plots	DRAWN BY	MOK
	Example Systems		
	System #3		

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