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

INCLUDED IN LCA:

MASS TIMBER
(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")
(1) STEEL BEAM-COL CONNECTION 125 TO 200 LBS

CONCRETE TOPPING
3,000 PSI NORMALWEIGHT, 20-29% SCMs
WWR 6x6 W1.4xW1.4

NOTE: ITALICS INDICATES DESIGN PARAMETERS LEFT TO DISCRETION OF ENGINEER. RANGE REPRESENTS RANGE OF RESULTS DUE TO DIFFERENT ENGINEERS.
Embodied Carbon Intensity Diagrams

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

**Carbon Intensity (without biogenic carbon)**

- Athena A-D
- Athena A-C
- Tally A-D
- Tally A-C
- OneClick A-D
- OneClick A-C

**Carbon Intensity (with biogenic carbon)**

- Athena A-D
- Athena A-C
- Tally A-D
- Tally A-C
- OneClick A-D
- OneClick A-C