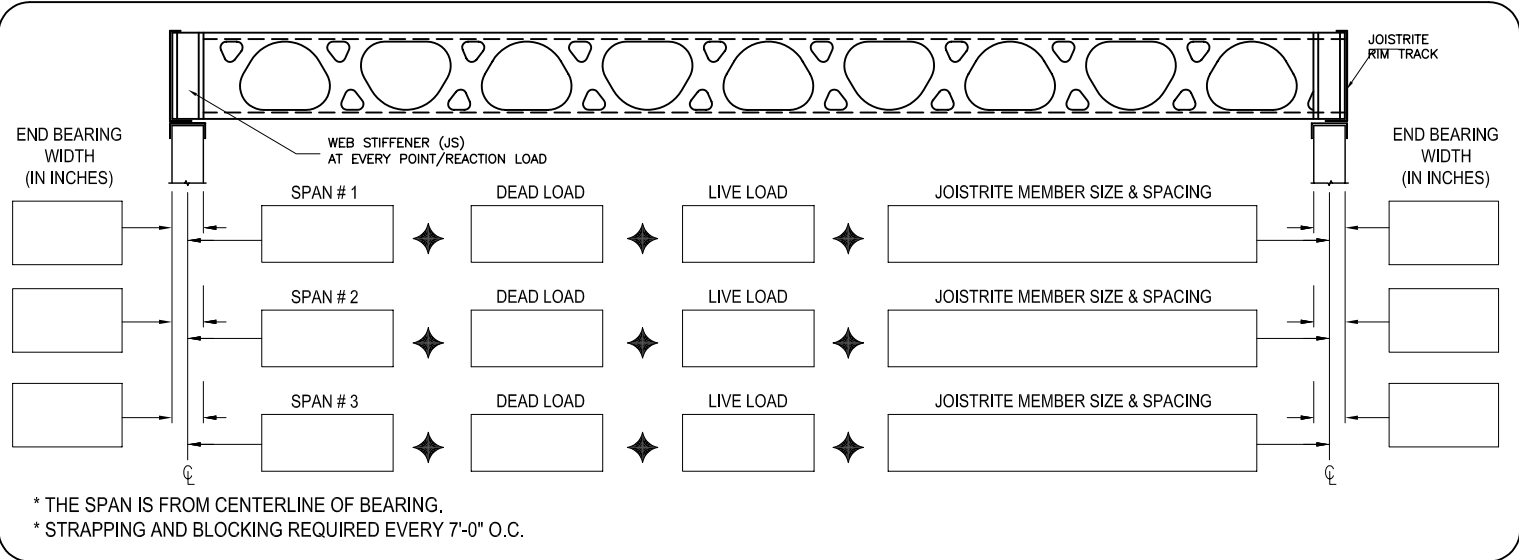


COMPANY NAME & CONTACT PERSON

PHONE & FAX

PROJECT NAME & LOCATION

DATE



**ADDITIONAL INFORMATION NEEDED:**

- \* MAXIMUM JOIST DEPTH = \_\_\_\_\_
- \* DESIRED JOIST SPACING = \_\_\_\_\_
- \* TOTAL LOAD DEFLECTION = L/240
- \* LIVE LOAD DEFLECTION = L/360  OR L/480

**FIRE RATED INFORMATION:**

- \* NON-RATED FLOOR: YES  NO
- \* FIRE RATED FLOOR:
  - WHI Intertek 3101528 - 1 Hour with Plywood
  - WHI Intertek 3099463 - 1.50 Hour with Viroc
  - UL # G563 - 2 Hour with Maxxon
  - UL # L580 - 1 Hour with Plywood
  - Other \_\_\_\_\_

**SUGGESTED DEAD & LIVE LOADS (REFERENCE):**

**DEAD LOAD (PSF)**

**SHEATHING AND DECKING:**

- 3/4" PLYWOOD = 2.50
- 5/8" PLYWOOD = 2.10
- 18 GAUGE METAL DECK = 3.0
- 20 GAUGE METAL DECK = 2.50
- 26 CORRUGATED METAL DECK = 1.0
- OTHER = \_\_\_\_\_

**FLOOR TOPPING:**

- 1-1/2" LIGHTWEIGHT CONCRETE = 12.0
- 1-1/2" REGULAR CONCRETE = 18.8
- 3/4" GYP-CRETE = 6.50
- OTHER = \_\_\_\_\_

**FLOOR FINISH:**

- HARDWOOD (1" NOMINAL) = 4.0
- CARPET & PAD = 2.0
- 3/4" CERAMIC OR QUARRY TILE (W/ 1/2" MORTAR BED) = 16.0

**NUMBER OF LAYERS**

**CEILINGS:**

- 1/2" GYPSUM BOARD = 2.20
- 5/8" GYPSUM BOARD = 2.8
- METAL SUSPENSION SYSTEM = 1.8
- WOOD SUSPENSION SYSTEM = 2.5
- OTHER = \_\_\_\_\_

**MISCELLANEOUS:**

- MECHANICAL DUCT = 2.0 - 4.0
- 1" RIGID INSULATION = 1.0
- 3-1/2" BATT INSULATION = 0.5
- OTHER = \_\_\_\_\_

**LIVE LOAD (PSF)**

**RESIDENTIAL:**

- TYPICAL ROOM = 40
- SLEEPING ROOM = 30
- OTHER = \_\_\_\_\_

**COMMERCIAL:**

- OFFICES = 50
- LOBBIES & CORRIDOR = 100
- OTHER = \_\_\_\_\_

**STORAGE:**

- LIGHT STORAGE = 125
- HEAVY STORAGE = 250
- OTHER = \_\_\_\_\_

**ASSEMBLY AREA:**

- FIXED SEATS = 60
- LOBBIES = 100
- MOVABLE SEATS = 100
- STAGES & PLATFORM = 125
- OTHER = \_\_\_\_\_

**DISCLAIMER NOTE:**

THE CALCULATIONS AND/OR SKETCHES CONTAINED HEREIN ARE SUPPLIED SOLELY TO ASSIST IN THE SELECTION AND/OR ANALYSIS OF MARINO WARE PRODUCTS. THE CALCULATIONS AND/OR SKETCHES ARE PRELIMINARY IN NATURE AND ARE NOT INTENDED TO REPLACE THE CALCULATIONS AND/OR SKETCHES AND SERVICES OF THE ARCHITECT OR ENGINEER OF RECORD. MARINO WARE IN RENDERING SUCH CALCULATIONS AND/OR SKETCHES SHALL IN NO WAY BE DEEMED TO ASSUME ANY PROFESSIONAL RESPONSIBILITY AND HEREIN DISCLAIMS ANY AND ALL SUCH LIABILITY AND OBLIGATION.