



OFFICE (STEEL)

NOTES:

1. **LOADING CRITERIA:**
 SDL: 10 PSF LL: 50 (R) + 15 PSF (NR - PARTITIONS)
2. **MATERIAL CRITERIA:**
 CONCRETE = 3,000 PSI, LIGHTWEIGHT (115 PCF)
 REINFORCEMENT = WWR 6x6 W1.4xW1.4, ASTM A185
 STEEL DECK = ASTM A653, GAGE 20
 W-SHAPES = ASTM A992
 HEADED STUDS = 3/4"Øx4" AWS D1.1 TYPE B
3. **UNSHORED CONSTRUCTION. CONSIDER CONSTRUCTION LIVE LOAD OF 20 PSF.**

ADDITIONAL DESIGN OUTPUT:

1. [] PSF STEEL CONNECTION WEIGHT (OVER BAY AREA)
2. [] LBS REBAR TOTAL IN BAY (IF ANY)

PROJECT	SEI SE2050 Working Group	DATE	09/28/2020
TITLE	Embodied Carbon Intensity Diagram Task	DRAWN BY	KRP, MK
	Scheme Layout		
	System #1 - Office, Steel		

