

STAGE 7 GRID ALLOWABLE LOADS		
BEAM TYPE AND LOCATION	CENTER POINT LOAD	THIRD POINT LOADS
2X6 NOT SUPPORTING CATWALK	P= 550 LBS	P= 2 @ 410 LBS
2X6 SUPPORTING CATWALK	P= 200 LBS	P= 2 @ 150 LBS
3X6 (ALL)	P= 525 LBS	P= 2 @ 390 LBS
4X10 SUPPORTING CATWALK	P= 1200 LBS	P= 2 @ 900 LBS
4X10 NOT SUPPORTING CATWALK	P= 1900 LBS	P= 2 @ 1425 LBS
W6X12 (ALL)	P= 2900 LBS	P= 2 @ 2125 LBS
W10X12 (ALL)	P= 2100 LBS	P= 2 @ 1575 LBS
W21X62 (ALL)	P= 5000 LBS	P= 2 @ 3750 LBS
W16X36 (ALL)	P= 5700 LBS	P= 2 @ 4275 LBS

NOTES:

1. SIMULTANEOUSLY LOADING THE MAJOR JOISTS AND MINOR JOISTS MAY OVERSTRESS THE GRID STRUCTURE. COMBINATIONS OF THESE LOADING SCENARIOS MUST BE FURTHER ANALYZED BY A CA LICENSED ENGINEER ON A CASE BY CASE BASIS.
2. FULLY LOADING MULTIPLE MINOR JOISTS IN A LOCALIZED AREA MAY OVERSTRESS THE ROOF STRUCTURE.
3. HIGHER INDIVIDUAL POINT LOADS ARE AVAILABLE FOR SPECIAL CASES, HOWEVER, HIGHER LOAD APPLICATIONS MUST BE REVIEWED ON A CASE BY CASE BASIS BY A CA LICENSED PROFESSIONAL ENGINEER.
4. FOR SINGLE POINT LOADS IN EXCESS OF 3,000 LBS. SHOULD BE REVIEWED BY A CA LICENSED PROFESSIONAL ENGINEER TO EXAMINE CONNECTION METHODOLOGY AND LOCAL EFFECTS.
5. GRID LIVE LOAD CAPACITY IS 20 PSF (OR A TOTAL GRID LOAD OF 200,000 LBS.)

DWG. NUMBER	TITLE	DATE	REV	ISSUED FOR USE	DESCRIPTION	BY	CHK'D	APPRV
1	REFERENCE DRAWINGS	1/15/2021	0					
2								
3								
4								
5								
6								
7								
8								
9								
10								



DRAWN BY:	JN	CHK'D BY:	JB
DESIGNED BY:	QU-004	APPR'D BY:	AS NOTED
JOB NO.:	QU-004	SCALE:	AS NOTED
CAD FILE:	QUI004-D-2	DATE:	1/15/2021
ENGINEER:	HOPPER ENGINEERING ASSOCIATES 300 VISTA DEL MAR REDONDO BEACH, CALIFORNIA 90277 (310) 373-5573 http://www.hopperengineering.com/		

SHEET TITLE:			STAGE 7 GRID ALLOWABLE LOADS		
PROJECT/OWNER:			QUIXOTE GRIFFITH PARK - STAGE 7		
			4585 ELECTRONICS PLACE LOS ANGELES, CA 90039		
HEA DRWG NO.		DRWG NO.		SHT NO. REV.	
QUI004-D-2				3/3/0	

