

**TYP GRID ENLARGED PLAN VIEW**  
 @ EL TOS +34'-6"  
 1/4"=1'-0"

- LEGEND**
- I = EXISTING COLUMN
  - = NEW COLUMN
  - = NEW DIAG BRACING
  - ① = TS8x 8x 1/4
  - ② = TS10x 10x 1/4
  - ③ = TS12x 12x 5/16

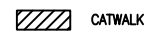
SEE TYP GRID ENLARGED PLAN VIEW THIS SHEET

**GRID PLAN VIEW**  
 NOT TO SCALE

**GENERAL NOTES:**

1. MAX ALLOWABLE GRID LIVE LOAD IS 20 PSF.
2. MAX ALLOWABLE CATWALK AND STAIRWAY LIVE LOAD IS 40 PSF.

**LEGEND**



DWG NUMBER	TITLE	DATE	REV	ISSUED FOR USE	DESCRIPTION	IN BY	CHK'D BY	APPR'D
1	REFERENCE DRAWINGS							
2								
3								
4								



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

SHEET TITLE: <b>GRID PLAN VIEW</b>	
PROJECT/OWNER: <b>QUIXOTE GRIFFITH PARK – STAGE 7</b> 4585 ELECTRONICS PLACE LOS ANGELES, CA 90039	
HEA DRWG NO. <b>QUI004-D-2</b>	DRWG NO. <b>2</b>   SH1 NO. <b>3</b>   REV. <b>0</b>

Quixote Griffith Park  
**Grid Layout Stage 7**

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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.)

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1	REFERENCE DRAWINGS	1/15/2021	0						
2									
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SHT NO.:	3	REV.:	0

