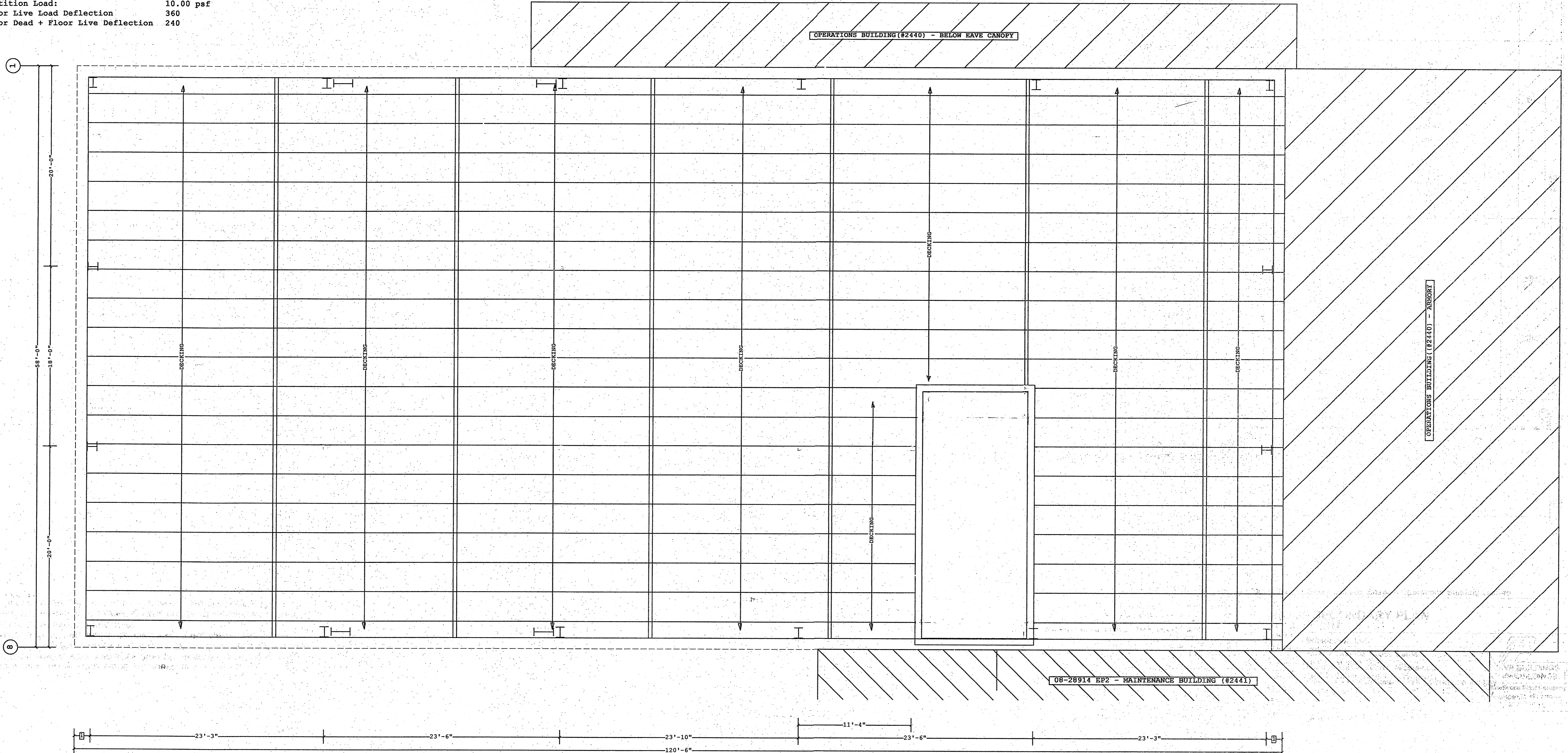
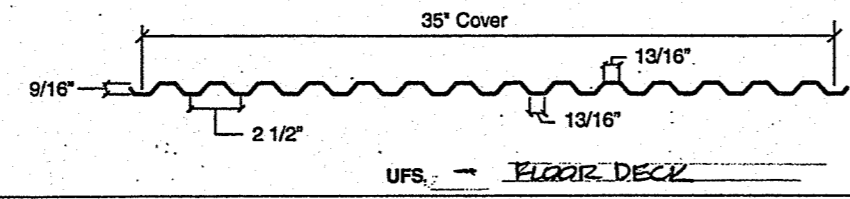


Mezzanine 1 @ 12/9/0

Floor Type: Office
 Loading Type: Entire Floor
 Mezzanine Category: Unbraced
 Bracing Category: 12'-9"
 Top of Floor: 3"
 Total Thickness of Deck + Topping: 12'-6"
 Top of Joist: 9'-6"
 Min. Clearance from Floor to Rafter: 11'-4"
 Min. Clearance from Floor to Joist: 50.00 psf
 Floor Live Load: 100.00 psf Not Reducible
 Coll. Load: 5.00 psf
 Partition Load: 10.00 psf
 Floor Live Load Deflection: 360
 Floor Dead + Floor Live Deflection: 240

Section Properties		UFS, UES, V, F _y = 60 ksi				ASD				LRFD	
Steel	Wt. (psf)	I _x (in ⁴)	S _x (in ³)	S _y (in ³)	V (lbs)	R _w (lbs)	R _u (lbs)	ΔV (lbs)	φR _w (lbs)	φR _u (lbs)	
24	0.0149	1.00	0.011	0.038	0.037	1320	670	800	2010	1020	
26	0.0179	1.00	0.014	0.045	0.047	1580	830	1140	2410	1430	
24	0.0239	1.00	0.019	0.053	0.053	2100	1570	1980	3190	2390	
22	0.0295	1.50	0.023	0.078	0.078	2550	2230	2950	3920	4400	
20	0.0358	2.00	0.028	0.094	0.094	3110	3240	4260	4730	6340	



MEZZANINE DECKING LAYOUT

1 1'-7"
 Dimension Key

Shape Name = Operations Building, Wall = 1

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.
 THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE, GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN CONFORMANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

VP Buildings			
3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION

MEZZANINE DECKING LAYOUT	
BUILDER	Broadmoor, LLC
CUSTOMER	John F. Stennis Space Center
LOCATION	Stennis Space Center, Mississippi
PROJECT	Riverine and Combatant Craft Operations Facility
BUILDERS PO#	



JCENG
 08-28914
 DATE
 2/12/2009
 DRAWN/CHECK
 MWM
 PAGE
 20