

1 TYPICAL '5-BAR' STEELDECK® PLATFORM
 Scale: 1/2" = 1'-0"

PLATFORM ASSEMBLY:

'STEELDECK'® TRUSS:
 1 1/2" X 3/4" 16GA. TUBE + 3/4" X 3/4" 14 GA. TUBE
 W/ BENT 5/16" SOLID ROD WEB TRUSSING
 W/ CORNER POSTS WITH COMPRESSION HAND-KNOB TO RECEIVE 1 1/2" SCH. 40 LEG

TOP:
 3/4" BIRCH FACED PLYWOOD, SCREWED TO STEEL SUBSTRUCTURE,
 W/ 1/4" CLOSED CELL FR FOAM WITH ACCOUSTIC INSULATION PROPERTIES
 CONFORMING TO ASTM E84


ADVISORY:

ALWAYS FOLLOW MANUFACTURERS SET UP INSTRUCTIONS.

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	Consulting Engineer: MCLAREN ENGINEERING GROUP 131 WEST 35TH STREET NEW YORK, NY 10001
SPEC SHEET AND LOAD RATING SUMMARY	
<h1>TYP. '5-BAR' PLATFORM</h1>	

LOAD RATINGS : ALLOWABLE AREA LOAD : 150 PSF ALLOWABLE POINT LOAD : 650 LBS PLATFORM WEIGHT : 165 LBS	
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MAXIMUM ALLOWABLE AREA LOADS FOR AN ARRAY OF PLATFORMS (8'-0" X 8'-0" MINIMUM) WITH SCHEDULE 40 PIPE LEGS :

SUPPORT CONDITION	MAXIMUM PLATFORM HEIGHT	AREA LOAD (PSF)
FLANGED (SHARED LEGS)	3'-6"	150 PSF
STANDARD (PLAIN) LEGS	4'-0"	150 PSF
BRACED LEGS	8'-0"	150 PSF

-FOR PLATFORM HEIGHTS IN EXCESS OF 8'-0", CONSULT A REGISTERED DESIGN PROFESSIONAL/STEELDECK® NY INC.

-LOADS IN EXCESS OF 150PSF ARE GENERALLY SUSCEPTIBLE TO HIGH LOAD CONCENTRATIONS AND/OR STABILITY CONCERNS; THEREFORE, IN THESE INSTANCES IT IS RECOMMENDED THAT THE USER CONSULTS A REGISTERED DESIGN PROFESSIONAL/STEELDECK® NY INC. TO ENSURE THAT THE PROJECT-SPECIFIC SUPPORT/ BRACING ARRANGEMENT IS SUITABLE FOR THE PROJECT-SPECIFIC LOADING AND USE.

-Exclusions of the product rating herein include, but are not limited to :
 Array dimensions less than 8'-0", large concentrated loads, large lateral loads, elements tied down to the platforms, non horizontal deck surfaces, or surfaces that are uneven, unlevel or non-rigid. For use of the decks in any of the aforementioned conditions, or in any other non-typical cases, the user should consult a registered design professional.

-FOR FURTHER DETAILS, A LOAD RATING LETTER OF APPROVAL AND AN ACCOMPANYING CALCULATION REPORT ARE AVAILABLE UPON REQUEST.

NOTES
 PSF = POUNDS PER SQUARE FOOT.
 POINT LOAD DISTRIBUTED OVER A 2" X 2" AREA