

IMPORTANT NOTE:

THIS INFORMATION IS ONLY MEANT TO SHOW HELPFUL EXAMPLES OF HOW HARDWARE MAY BE USED. IT IS NOT MEANT TO BE THE INSTALLATION INSTRUCTIONS FOR A PROJECT.

PLATFORM HARDWARE MUST BE INSTALLED ACCORDING TO ENGINEER DESIGNED AND APPROVED DRAWINGS AND SPECIFICATIONS FOR YOUR PARTICULAR PROJECT.

DO NOT INSTALL PLATFORM HARDWARE ACCORDING TO THESE INSTRUCTIONS WITHOUT ENGINEER APPROVED DRAWINGS DESIGNED FOR YOUR SPECIFIC PROJECT.

ALWAYS INSTALL ACCORDING TO YOUR ENGINEER'S SPECIFICATIONS AND INSTRUCTIONS.

NEVER EXCEED ENGINEER'S SPECIFICATIONS FOR YOUR PLATFORM REGARDLESS OF HARDWARE CAPACITY.

## ***MODULAR PLATFORM DECK FLOOR PANELS***

*The Modular Panels of the Platform are made of Corrugated Steel which interlock to form a rigid surface comfortable to walk on and perform work from. They also form a protective shield for the environment below.*

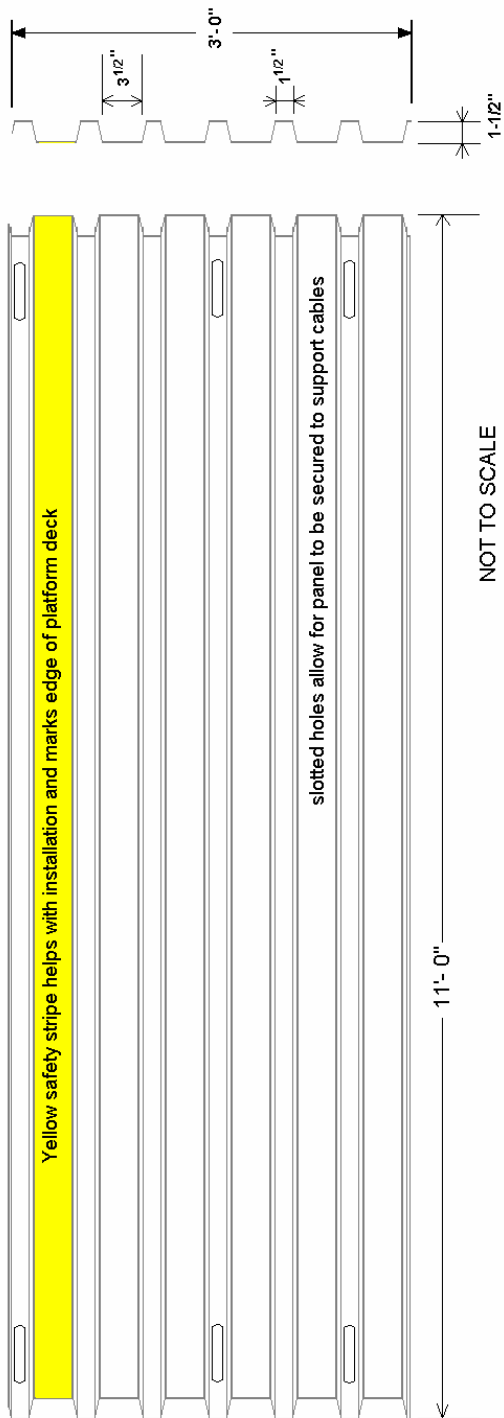
### **CAUTION**

Platform deck floor installation is part of phase-two and **MUST** be installed in conjunction with the installation of Vertical Support Cables and any additional vertical support hardware. **DO NOT** Install Floor Decking beyond the Vertical Support System.

Once the horizontal Main Support Cable system is complete you can begin installing the platform deck floor panels. Start at one corner and lay down one row of panels to create the width of the platform deck. Lay panels down one at a time, securing each panel with at least two (2) hold down clips before laying down the next panel. Overlap the panels. Line up the slotted holes on the overlapping panels so a set of hold down clips secure both overlapping panels together to the Main Cable.

**NEVER STEP ON A PANEL UNLESS AT LEAST TWO (2) HOLD DOWN CLIPS ARE SECURING THAT PANEL. NEVER WORK FROM A PLATFORM UNTIL INSTALLATION IS COMPLETE. INSTALLATION IS COMPLETE ONLY AFTER INSPECTION IS PERFORMED TO VERIFY ALL THE HARDWARE IS INSTALLED TO THE ENGINEER APPROVED DRAWINGS.** Always lay down a panel so that the Yellow Stripe is away from you and on the side where new decking will be installed. Each new row of panels will cover the yellow stripe of the previous row. **DO NOT LEAVE EMPTY SLOTTED HOLES BEHIND YOU.**

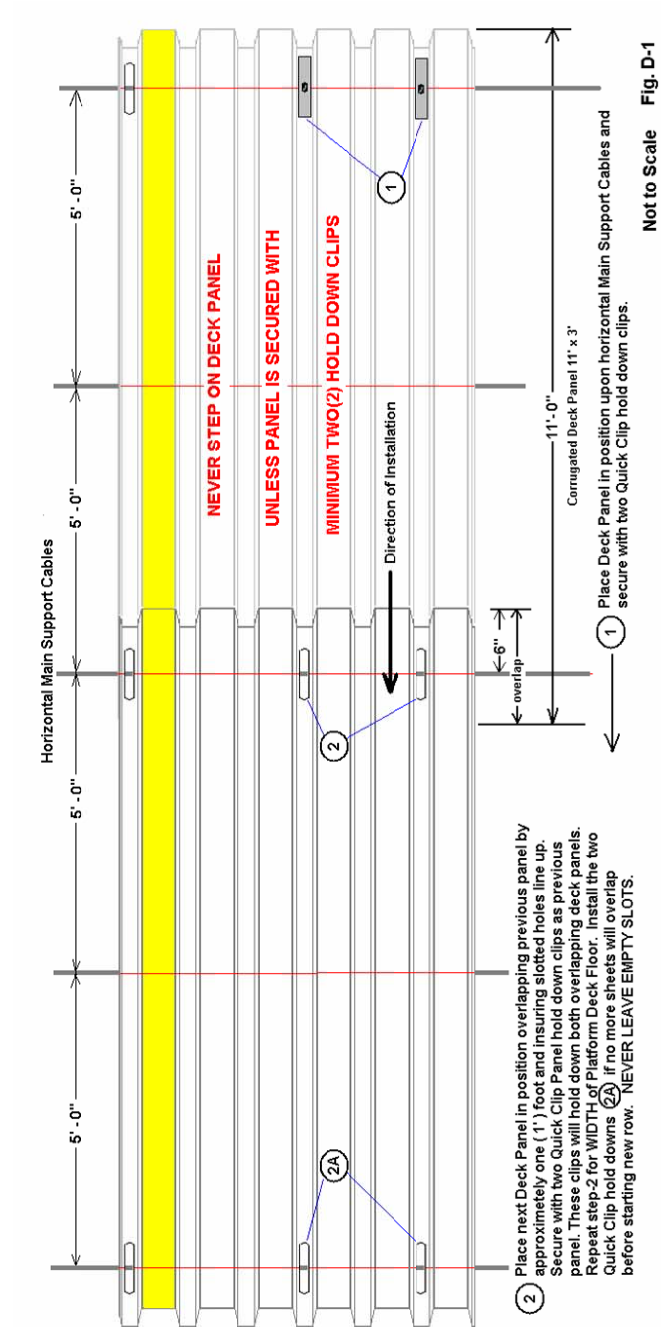
Modular Deck Panel - Corrugated B-Deck Steel Panel .20ga or .22ga



**PLATFORM DECK FLOOR INSTALLATION**

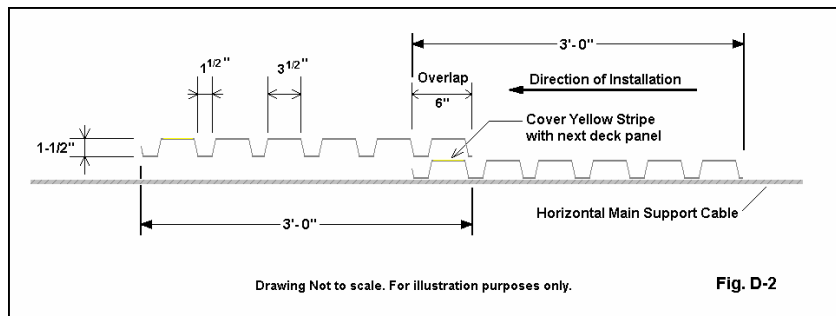
1. **STARTING** at one corner place one deck panel upon horizontal main support cables. Position panel so that the yellow stripe is away from you. Secure panel with two(2) Quick Clip hold down clips. (see Fig. D-1)
2. **NEXT PANEL IN SAME ROW**, Line up yellow stripes lay down panel to left (or right depending on starting corner) and overlap approximately twelve (12”) inches. Line up overlapping slotted holes so that hold down clips secure both overlapping panels to the main support cable. Continue installing panels in this manner until the desired width of the platform is achieved and one row is complete. Secure last panel in the row by inserting Quick Clip panel hold down clips in remaining open slotted holes before starting next row. NEVER LEAVE SLOTTED HOLES OPEN BEHIND YOU AS YOU INSTALL PLATFORM DECK FLOOR. (see Fig. D-1)
3. **START NEW ROW** place deck panel in corner position to overlap previous row by approximately six (6”) inches. Panel in new row should overlap to cover yellow stripe of previous row. Secure panel with two (2) Quick Clip panel hold down clips as before in step-1. ( see Fig. D-2 and Fig. D-3 )
4. **COMPLETE NEW ROW** laying down deck panels by overlapping previous panel in same row by 12” as in step-2; AND by insuring new row overlaps the previous row by 6” as in step-3 covering yellow stripe. DO NOT LEAVE EMPTY SLOTTED HOLES BEHIND YOU, ALWAYS SECURE WITH QUICK CLIP PANEL HOLD DOWN CLIP.

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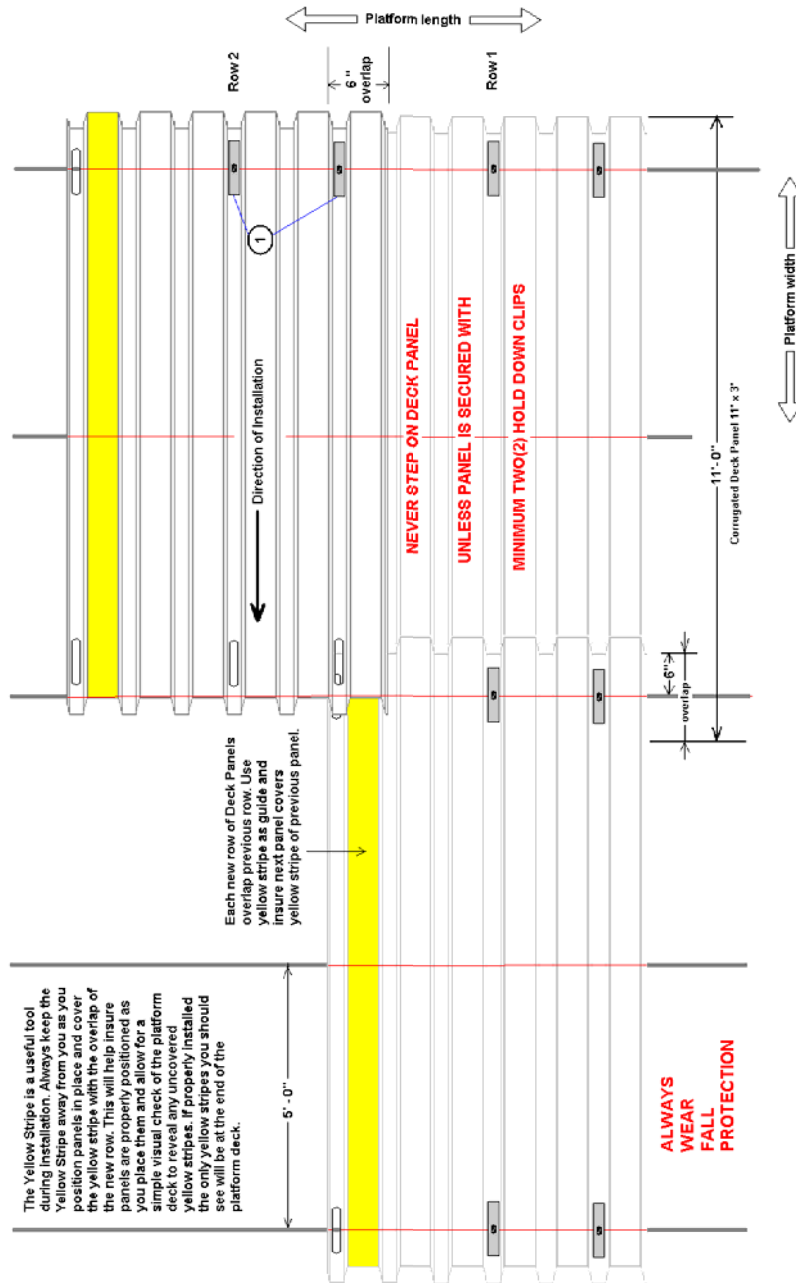
Not to Scale Fig. D-1

5. **INSTALL VERTICAL SUPPORT CABLES** as platform deck reaches positions where Vertical Support Cables are to be installed according to Engineer's Drawings. **DO NOT** Install Floor Decking beyond the vertical support system. Vertical Support Cables and any additional vertical support hardware **MUST** be installed in conjunction with Platform Deck Floor.
6. **PARAMETER PROTECTION SYSTEM** must be installed around edges of the platform once desired width and length are achieved before work is performed from platform. NEVER WORK FROM A PLATFORM UNTIL ALL THE HARDWARE IS INSTALLED ACCORDING TO THE ENGINEER APPROVED DRAWINGS.



Note: The Horizontal Main Support Cable spacing in these illustrations is five(5') feet. Consult with your Engineer for spacing for your project. Uniformity in spacing is important to avoid problems later. Common spacing formats are 60", 40", 30" and 24" depending on capacity requirements. Sixty (60') inches or five(5') feet is most common.

The installation procedure basically remains the same for the different spacing formats noted above. These formats insure a Main Cable every ten(10') feet to line up with the slotted holes in the decking for Quick Clip panel hold down clips and only change the number of support cables under the middle area of the deck panel. This affects the number of Vertical Support Tie Ups, not the number of Deck Hold Down Clips.



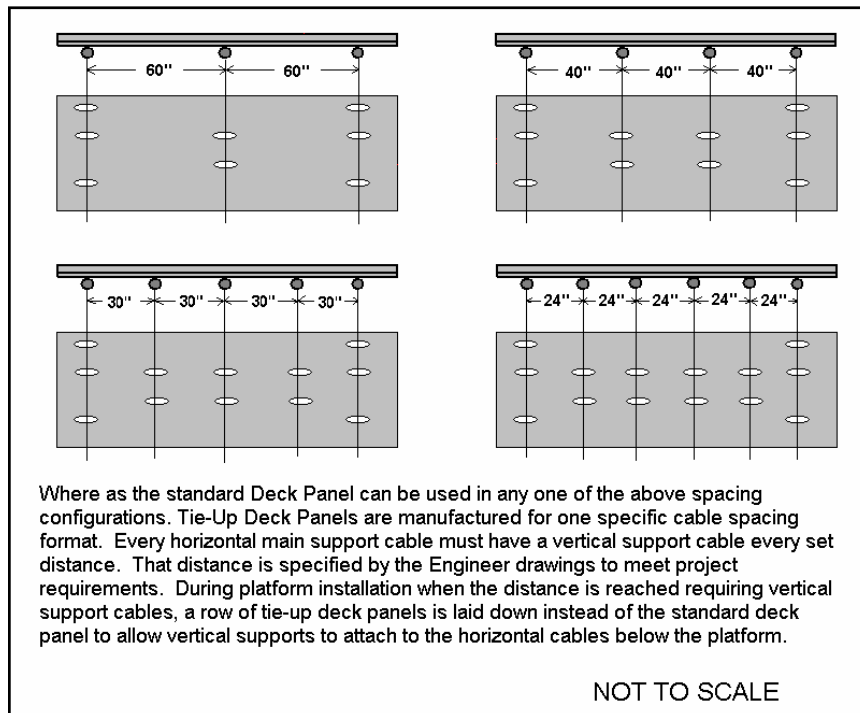
Drawing Not to scale. For illustration purposes only.

Fig. D-3

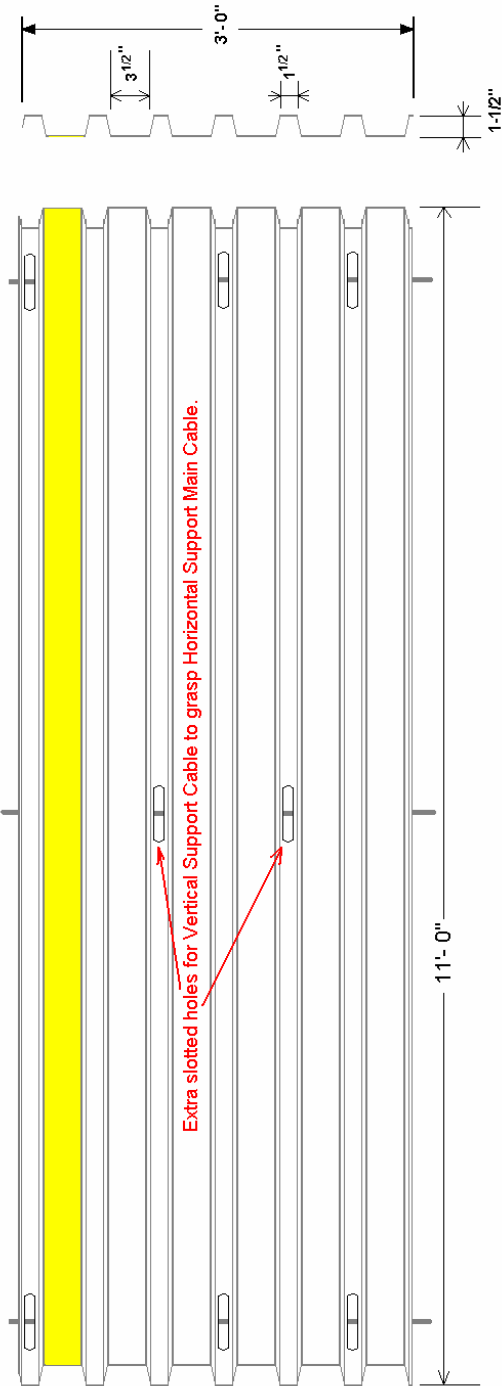
# Tie Up Panel

*A Tie Up Panel is a standard deck panel with extra slotted holes for Vertical Support Tie-Ups*

The Tie-Up Panel has extra slotted holes cut into the panel to allow Vertical Support Cables above the platform to attach to the Horizontal Main Support Cables below the platform. A standard deck panel is secured in place with deck hold down clips to the two Horizontal Support Cables near both ends so there are no slotted holes needed for the horizontal support cables that support the mid section of the deck panel. This allows standard deck panels to be used in a wide range of cable spacing formats and interchangeable from project to project. The Tie-Up Panel however may only be used in the spacing format it has slotted holes for.



Modular Deck "Tie Up" Panel - Corrugated B-Deck Steel Panel .20ga or .22ga



NOT TO SCALE

Note: Tie-Up Panel shown here is for standard 60"-spacing.



A typical section of platform is shown in Fig. P-1. The cable spacing in the example is sixty-inches(60"). The only change to the platform deck using a different spacing would be to the tie-up slots in the Tie-Up Panels used.

**Standard panels** are placed onto the horizontal support cables overlapping one another and secured in place with deck hold down clips. The rows of deck panels are installed using **standard panels** until the area is reached where vertical support cables are required. In order to use vertical support cables a row of **Tie-Up Deck Panels** is installed. Each horizontal cable is then "tied-up" to the structure using a vertical support tie up cable. The two cables are connected through the slotted holes in the row of **Tie-Up Deck Panels**. The *EZ-Tie* tie up clip helps to achieve this vertical to horizontal connection easily and the cover plate on the *EZ-Tie* tie up clip will seal the slotted hole once the connection is completed. The remaining slotted holes in the row of **Tie-Up Deck Panels** are covered using *Quick Clip* panel hold down clips. This not only helps to seal the platform deck, it also helps to secure the platform in place.

There is an extra slotted hole on each **Tie-Up Deck Panel**. This is necessary because in the course of installing the platform you will find the area on the structure available to attach a vertical support to is not always in an ideal location. The extra slotted hole allows for the option of adjusting the vertical support if needed. The slotted hole not used by the vertical support is then covered using a *Quick Clip* panel hold down clip. Never leave a slotted hole uncovered.



