

## **Lite-Site 25**

# **BASE FRAME INSTALLATION INSTRUCTIONS**

Ground preparation should be done before assembly of the Lite-Site. The area should be relatively flat and level. Compacted gravel, blacktop or concrete are typical surfaces for installation. The PE should specify the ground preparation required.

Read through the entire installation procedure before starting!

Bolted connections are supplied with:

- (1) A325 bolt HDG,
- (1) heavy hex nut A563 DH HDG,
- (2) flat washers F436 HDG,
- (1) lock washer.

Extra hardware is supplied. Bill of material with quantities of components and hardware is supplied. Check that all items are present before starting installation.

The tools required to assemble the Lite-Site Base Frame are:

- Socket wrenches up to 2 3/8" (impact wrenches are highly recommended)
- Tapered pry bars or spud wrenches for hole alignment
- Nylon straps and hoist cables rated to 15,000 pounds

Anchor Bolts should be installed in the BASE PLATE before assembling the BALLAST TRAYS.

Layout the (3) Lite-Site 20 BALLAST TRAYS and (4) SIDE CHANNELS on the prepared ground with the base plate in the proper position. The position of the base plate is determined on a site by site basis. Check the site specific PE stamped drawing set for proper position or contact CDMI.

The bolts from the side channels should protrude inward to minimize possible tampering. Do not tighten any bolts until all bolts have been installed.

All bolted connections are made with 1.5"-8 x 3.25" long A-325 bolts

Once all bolts are installed tighten all bolted connections.

Add ballast to the (8) BALLAST TRAY squares. The amount of Ballast will be specified by the PE based on the loading requirements of the specific site. Ballast can consist of concrete blocks obtained from a local source, specially designed ballast blocks, poured concrete or other approved material.

The below configuration shows the base plate on the edge of the foundation, please check the PE stamped drawing set for site specific placement of the base tray or contact CDMI.

