INSTALLATION INSTRUCTIONS
GRIDLINE G6 WITH NP OR DP FRAME

1.) SITE PREP
- Use wood forms to prepare a recess in the concrete. Recess depth can range, depending on actual size required by architect or engineer.
- Recess should be made to overall size of unit, plus 1/16" on all sides of the recess to allow for clearance.
- Be sure to pour a ledge for the perimeter frame at a minimum of 1-1/2" wide (see illustration A) below.
- After concrete has cured, remove the wood forms.
- Recess must be level.

2.) ASSEMBLE FRAME
- Assemble the frame. The corners of the frame pieces will be a butt joint with the width dimension overlapping the traffic direction. The frame mounting tabs are pre-drilled to allow for quick assembly.

3.) SET PERIMETER FRAME
- Set the frame assembly in the formed recess.
- Shim the frame as required 24" O.C. to elevate the frame assembly to finished floor height.
- Before fastening, double check the finished floor surface height, and ensure that frame assembly is both plumb and square.
- Drill a pilot hole through frame at each mounting tab hole location and use a 5/32" masonry anchor bit to drill hole into concrete.
- Install each 3/16" masonry anchor. (Anchors included in hardware package)
- Clean the concrete recess to remove all dirt, oily film, and debris.

4.) ASSEMBLING SUPPORTS AND SUPPORT LEGS
- Assemble all supports by installing support legs 24" on center to continuous supports with hardware provided.
- For depths greater than 3" adjust height of the supports and support legs by using the angles and 1/4" aluminum bar provided to achieve the height required. (See illustration B-1).
- For depths less than 3" adjust height of supports and support legs (no aluminum bar required) by using the angles provided to achieve the height required. (See illustration B-2)
5.) SETTING THE SUPPORTS

- For drain pan applications, provide a smooth and flat substrate at bottom of recess. Install drain pan prior to installing the supports. When installing the hardware for the support legs, each hole drilled into the drain pan will need to be sealed with silicone. Follow fabrication drawings to determine drain pan layout. Note: drain pans are flat sheet and do not go vertically up the recess wall.
- All sheets must be adhered to substrate with a silicon caulk. Apply sufficient bead of caulk at joints and perimeter edges to provide a moisture seal.
- Locate drainpipe in recess and cut a hole in the pan to install the two inch drain.
- Install continuous support 24" on center parallel to surface wires.
- Continuous supports must be located at all module splits.

(ILLUSTRATION C)

6.) GRIDLINE INSTALLATION

- Trial fit the gridline modules at locations indicated on the shop drawings within the frames, so each module is aligned and evenly spaced between perimeter frames and adjacent modules (See Illustration C-2). Mark all lock down fastener locations on the supports and on the grid modules then remove all grid modules. Drill all fastener holes at marked locations. Install Tinnerman clips. Attach all hidden lock down clips with cap screw and retaining washers attached to the gridline module at marked locations. Repeat for all modules. Replace all modules at intended locations. (See Illustration C-3)
- Use the 1/8" hex tool (hidden lock downs) to start each fastener into each Tinnerman clip. Once all are engaged, snug all fasteners tight. Starting from the center working out towards the perimeter in a rotating manner. Repeat all modules.

(ILLUSTRATION C-2) (ILLUSTRATION C-3)
7.) COMPLETION
   IT IS NECESSARY TO COVER THE INSTALLATION WITH 3/4" PLYWOOD UNTIL ALL ADDITIONAL PROJECT
   WORK IS COMPLETED. THIS WILL PROTECT THE GRIDLINE FROM POTENTIAL ABUSE DURING THE
   CONSTRUCTION PHASE. DAMAGE OCCURRING FROM INADEQUATE PROTECTION DURING THIS PHASE MAY
   VOID THE MANUFACTURER’S WARRANTY.

8.) CARE AND MAINTENANCE INSTRUCTIONS
   • MANUFACTURER’S SUGGESTED SAFE UNIFORM LOAD FOR THE GRIDLINE G6 IS 300#. HEAVY LOADS
     BEYOND THIS WEIGHT MAY DAMAGE THE UNITS, CONTRIBUTING TO THEIR PREMATURE FAILURE OR
     CREATING A TRIPPING HAZARD.
   • CLEAN THE RECESS AS FREQUENTLY AS NECESSARY. THIS WILL PREVENT AN EXCESS BUILDUP OF DIRT
     UNDER THE GRIDS.
   • CLEAN THE TOP SURFACE OF THE GRIDS WITH A STIFF BRISTLE BRUSH AND HOUSEHOLD CLEANER.
     REMOVE ALL CLOGGED OR CAKED MATERIALS FROM BETWEEN ALL WIRE OPENINGS.
   • PERIODICALLY REMOVE GRIDS TO DEEP CLEAN RECESS AND GRID WITH A POWER WASHER.
   • REPLACEMENT OF THE GRIDLINE MODULES, REPLACE EACH MODULE TO ORIGINAL POSITION AND ENGAGE
     ALL FASTENERS PRIOR TO FINAL TIGHTENING OF EACH FASTENER. CLEANING ENABLES GRIDLINE TO
     FUNCTION AS INTENDED. CALL US AT (800) 233-8493 (MUNCY) OR (888) 895-8955 (CANADA) AND OUR SALES
     GROUP WILL ASSIST YOU WITH SPECIAL NEEDS OR CONDITIONS, LOADING CONSIDERATIONS AND
     INSTALLATION RELATED ISSUES.