## **MEGA-TANDEM™ INSTALLATION INSTRUCTIONS**



Place the 6" crushed stone (3/4" rock) to create the leveling pad for Mega-Tandem.



Compact the placed crushed stone to reach 95% standard proctor density.



Forming up to pour a 2" unreinforced concrete overlay for setting the first course of Mega-Tandem. A 6" crushed stone leveling pad is an option as well.



Pouring the leveling pad with a low psi concrete.



Start the Mega-Tandem at the lowest elevation. Start by setting the panels in place with the use of the wall jigs to help support the panels during the wall installation.



Insert the Mega-Tandem (connecting members into the center dovetails to provide the structural support in the wall system.



Run a string line from the back side of the front wall veneer to assure proper horizontal wall alignment.



Place the #57 stone inside the Mega-Tandem panels to provide the internal gravel interlock. This will also provide for internal drainage to relieve hydrostatic pressure in the wall.



Place the drain tile directly behind the rear wall panel to provide for positive drainage through the wall to daylight.



Laying out the radi. Insert plastic connecting members into the veneer dovetails to keep the connectors as straight as possible. Make sure that each veneer has at least two connecting members for proper panel support.



Start the corner with the side textured fitting up against a Mega-Tandem wall panel facing the outer side of the wall. Then place additional panels to create a corner column. Insert the first two connectors upside down for the panel supports (break off the setback tab for this step). Then place two connectors in the opposite direction right side up to support the additional panels. Mega-Tandem Wall requires four connecting members per course.



Place a concrete paver directly behind the wall panel and level from front to back. Then take the construction adhesive and place the glue on the paver and top of wall panel. Then secure the cap units to create the bond.



Run a string line for accurate wall alignment when setting the caps.

STEP 14



Place a low permeable soil for fill placement for the top of wall.

## JIGS

- Installation jigs are required to hold the front face, back face and corners inplace during the construction and infill of the wall units. This is typical for the 6 and 10 foot high wall installations as shown below.
- 2. Connectors required 1 per square face foot.
- 3. Geotextile fabric as specified by designing engineer is shown on the back face of the walls, it is recommended to be used to prevent native soils from infiltrating into the infill material.



(Fixed clamp shown)