• ASSEMBLED SECTIONS ARE JOINED BY INSERTING THE LONGER PORTION OF A METAL CONNECTOR INTO THE OPEN FLUTED END OF THE SIDE PANEL, THEN SWIVEL AND INSERT THE SHORTER LEG OF THE METAL CONNECTOR INTO THE ABUTTED END OF SIDE PANEL

• IN ADDITION TO ABUTTED SECTIONS, SIDE PANELS CAN ALSO BE OVERLAPPED AND CONNECTED WITH THE SAME METAL CONNECTORS

• THE UNIQUE DESIGN OF THIS SYSTEM ALLOWS ADAPTATION FOR ELEVATION CHANGES, CORNERS, ANGLES, AND BULKHEADS

• THE SIDE PANEL COMPONENTS CAN EASILY BE SLIT-SCORED AT ONE SIDE IN ORDER TO CREATE CORNERS & ANGLES

• PLACING ONE SIDE PANEL ON TOP OF ANOTHER IS ACCOMPLISHED BY USING METAL STACKING PINS TO INCREASE NEEDED HEIGHT AT STEPPED AREAS
PlumbingVoid™ System

• STANDARD SYSTEM FOR USE IN CONVENTIONAL TRENCHES UP TO 8’ IN DEPTH

• SYSTEM HEIGHTS (18”, 24”, 30”, 32” & 36”) AND WIDTHS (18” & 24”) ALLOW LARGER OR MULTIPLE PIPES TO BE LATERALLY SUSPENDED TOGETHER

• THE SYSTEM COMPONENTS SHOULD BE ASSEMBLED IN A PROCEDURAL SEQUENCE

• EXCAVATED TRENCHES CAN MATCH THE GENERAL SLOPE OF THE PLUMBING LINES OR DUG IN LEVEL STEPS TO ACHIEVE THE NEEDED ELEVATION(S)

• TRENCH DEPTHS MUST BE DEEP ENOUGH SO THE ENTIRE SYSTEM IS BELOW GRADE ENSURING THE SPECIFIED VOID SPACE REMAINS UNDER THE SLAB

• TRENCH WIDTHS SHOULD BE A MINIMUM OF 6" WIDER THAN THE SIZE OF THE SELECTED SYSTEM FOR NECESSARY ALIGNMENT

• TRENCHES SHOULD BE 6" DEEPER FOR A SUPPORTIVE GRAVEL BASE IF WATER ACCUMULATES IN THE TRENCH

• CLEVIS AND ALL-THREAD IS NOT INCLUDED

• INSTALL PER MANUFACTURE’S RECOMMENDATIONS

• DO NOT DRIVE MACHINERY OVER SYSTEM
Hanging Rebar Supports

- Two hanging rebar supports are positioned parallel and commonly spaced at 4’ O.C.
- Support only one pipe clevis per two hanging rebar supports.
- Use only provided plumbing void washers when suspending pipes at hanging rebar supports.
- Stagger clevis & all-thread when multiple pipes are aligned together in the same trench.
- Side panels should have three open flutes between top hanging rebar supports for 2” & 3” diameter pipes.
- Side panels should have two open flutes between the top hanging rebar supports for 4” or 6” diameter pipes.
- Position side-panel bracket pieces on the top edge of the side panels under each hanging rebar support for weight distribution.
- Position clevis & all-thread less than 4’ O.C. for PVC pipes greater than 4” diameter or cast iron pipes needing additional weight distribution.
Interior Spacer

- ROTATE PLASTIC ENDS FROM FLAT POSITION
- ALIGN REBAR TO A PARALLEL POSITION
- PLACE AT JOINTS OF SIDE PANELS AND BETWEEN - APPROXIMATELY 2' O.C.
- POSITION ABOVE OR BELOW THE PIPE
- ATTACH EACH END TO INSIDE FACE OF SIDE PANELS WITH COURSE-THREAD SCREWS
Backfill Material

- PEA GRAVEL (RECOMMENDED)
- NON-COHESIVE BACKFILL IS NOT MANDATORY
- LOOSE & FINE EXCAVATED JOB-SITE SOIL
- ANY COMBINATION OF SAND / GRAVEL / DIRT
- AVOID USING LARGE CLUMPS OF DIRT
- DO NOT CROSS TRENCHES WITH MACHINERY
- BACKFILL EXTERIOR SIDES SIMULTANEOUSLY
- DO NOT COMPACT SOIL ABOVE SYSTEM