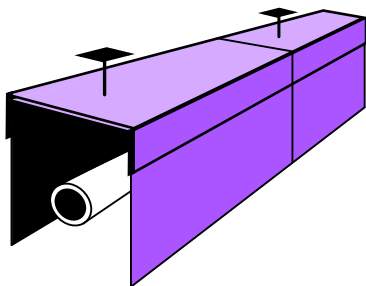


# Design Information

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- 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™**  
**Pipe Isolation System**

(U.S. Patent No. 10,267,012)

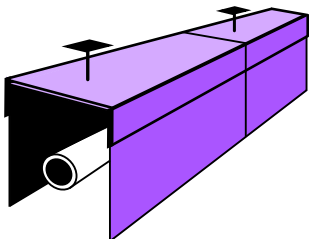
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# PlumbingVoid™ System

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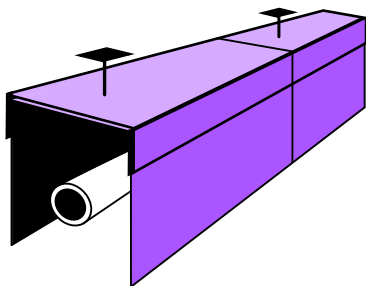
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- STANDARD SYSTEM FOR USE IN CONVENTIONAL TRENCHES UP TO 8' IN DEPTH
- SYSTEM HEIGHTS (18" , 24" , 30" , 32" & 36") AND WIDTHS (18" & 24") ALLOW LARGER OR MULTIPLE PIPES TO BE Laterally SUSPENDED TOGETHER
- THE SYSTEM COMPONENTS SHOULD BE ASSEMBLED 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 PLUMBINGVOID 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

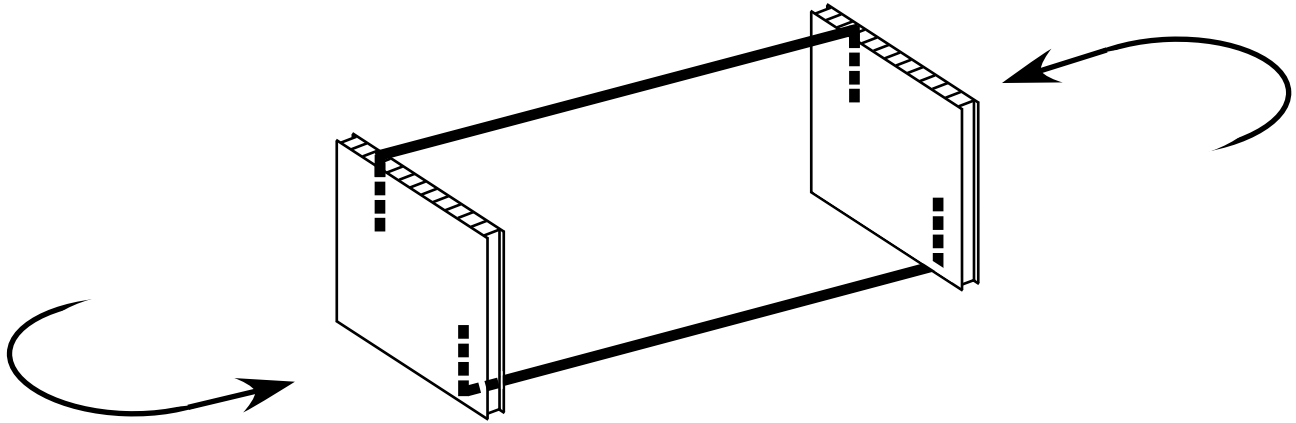


**PlumbingVoid™**  
**Pipe Isolation System**

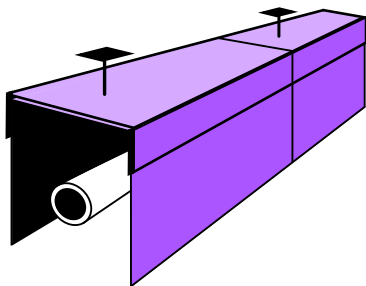
(U.S. Patent No. 10,267,012)

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# Interior Spacer



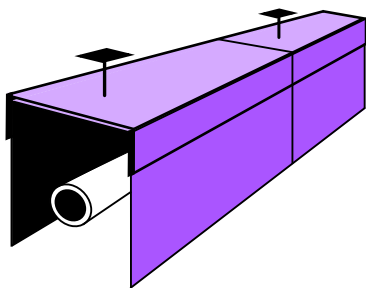
- ROTATE PLASTIC ENDS FROM FLAT POSITION
- ALIGN REBAR TO A PARALLEL POSITION
- PLACE AT JOINTS OF SIDE PANELS AND BETWEEN - APPROXIMATELY 2' O.C.
- POSITION ABOVE OR BELOW THE PIPE
- ATTACH EACH END TO INSIDE FACE OF SIDE PANELS WITH COURSE-THREAD SCREWS



# Backfill Material

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- 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



**PlumbingVoid™**  
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