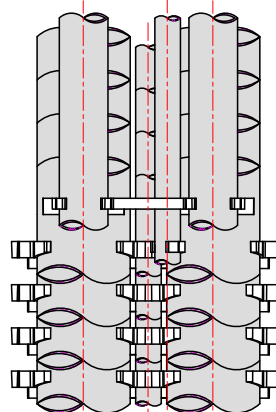


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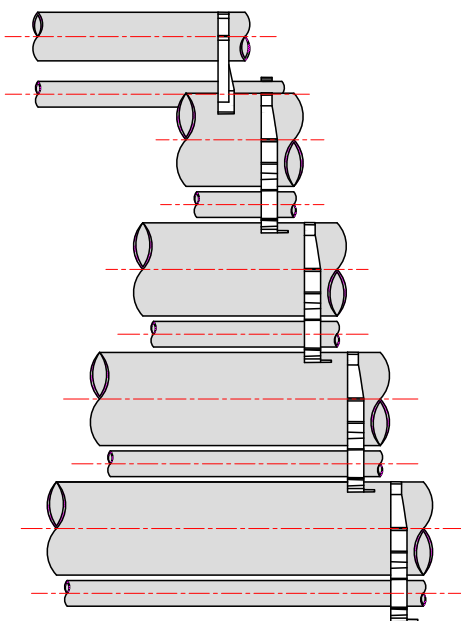


TOP VIEW OF SPACER STATION

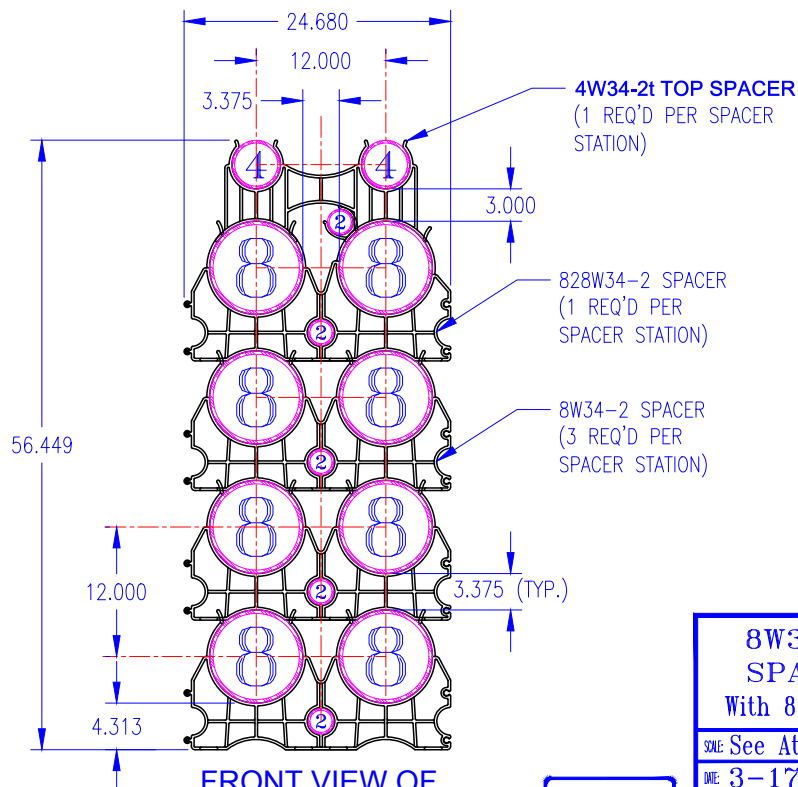
CONDUIT DIMENSIONS	
CONDUIT OD	
NOMINAL	ACTUAL
2"	2.375
4"	4.500
8"	8.625

NOTES:

1. USE ONE "SPACER STATION" FOR EVERY 5 FEET OF DUCT BANK.
2. PARTS REQUIRED FOR THE SPACER STATION:
1 EA. 4W34-2t WUNPEECE TOP SPACER
1 EA. 828W34-2 WUNPEECE DUCT SPACER
3 EA. 8W34-2 WUNPEECE DUCT SPACERS
3. SPACERS INTERLOCK HORIZONTALLY AND ARE STAGGERED VERTICALLY FOR A MORE STRUCTURALLY SOUND DUCT BANK. THE VERTICAL STAGGER ELIMINATES WEAK VERTICAL SHEAR PLANES IN THE CONCRETE ENCASEMENT.
4. WE SUGGEST THAT THE CONCRETE USED WITH THESE SPACERS HAVE A SLUMP OF 7 TO 8 INCHES. IT SHOULD HAVE JUST ENOUGH SLUMP TO FLOW TO THE BOTTOM OF THE DUCT BANK AND YET NOT BE SO WET THAT IT CAUSES THE CONDUITS TO FLOAT EXCESSIVELY.
5. TO AID IN THE CONCRETE FLOW THE AGGREGATE SIZE SHOULD BE CONTROLLED. 3/8" MAXIMUM AGGREGATE IS OFTEN SPECIFIED.
6. WHEN PLACING CONCRETE AROUND CONDUITS ADJUST THE DELIVERY CHUTE SO THE FALL OF THE CONCRETE IS MINIMAL. POUR THE CONCRETE SLOWLY AND DISTRIBUTE IT EVENLY SO AS NOT TO DISLodge THE SPACERS.
7. THE DUCT BANK MUST BE HELD DOWN DURING AND IMMEDIATELY AFTER THE CONCRETE POUR. THIS IS NECESSARY DUE TO THE FLOATATION CAUSED BY DUCT BANK BUOYANCY AND CONCRETE CHURNING.
8. HOLD DOWN HARDWARE, PLASTIC CABLE TIES AND ANY REBAR THAT MAY BE REQUIRED IS NOT SHOWN IN THIS DRAWING.
9. THE CONDUIT SPECIFICATIONS SHOWN ON THIS DRAWING ARE FOR VISUAL PRESENTATION ONLY.
10. CONDUIT, PLASTIC CABLE TIES AND ANY REBAR THAT MAY BE REQUIRED IS TO BE SUPPLIED BY OTHERS.



SIDE VIEW OF SPACER STATION



FRONT VIEW OF SPACER STATION

SCALE:
1" = 1.000'

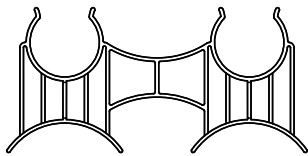


8W34 FAMILY OF WUNPEECE SPACERS
SPACER STATION OUTLINE DRAWING
With 8 Ea. 8", 2 EA. 4", & 5 EA. 2" Sch.40 PVC Conduits

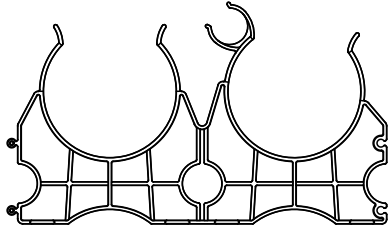
SCALE: See At Left	DESIGNED BY: Don McCoy	DETAILED BY: Steve Wendland	CHECKED BY: Don McCoy
DATE: 3-17-15	APPROVED BY:		REVISION: C 5-3-19

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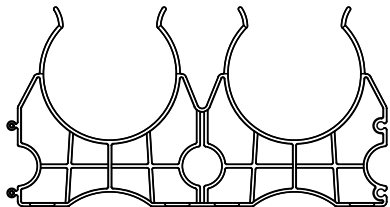
UNDERGROUND DEVICES, INC. DRAWING NUMBER:
90-7924
NORTHBROOK, ILLINOIS 60062 - PHONE: (847) 205-9000 PAGE 1 OF 3



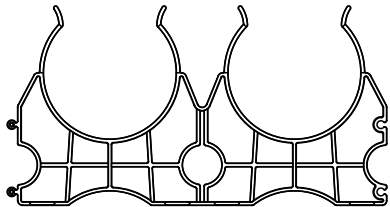
4W34-2t
TOP SPACER



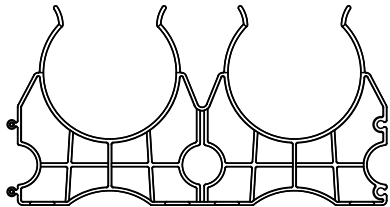
828W34-2
SPACER



8W34-2
SPACER



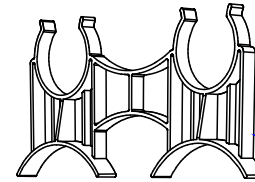
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SPACER



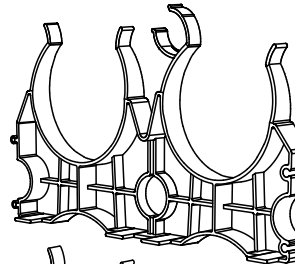
8W34-2
SPACER



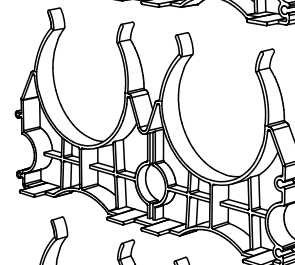
ORTHOGRAPHIC VIEWS OF WUNPEECE SPACERS



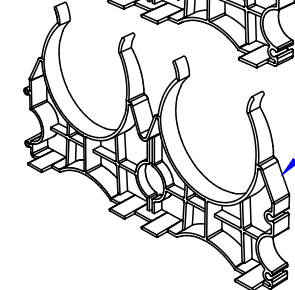
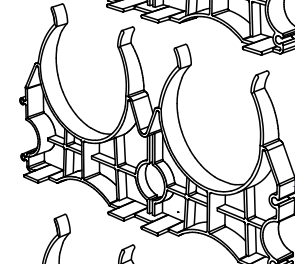
4W34-2t TOP SPACER



828W34-2 SPACER



8W34-2 SPACER



PERSPECTIVE VIEWS OF WUNPEECE SPACERS

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SCALE:
1" = 1.000"

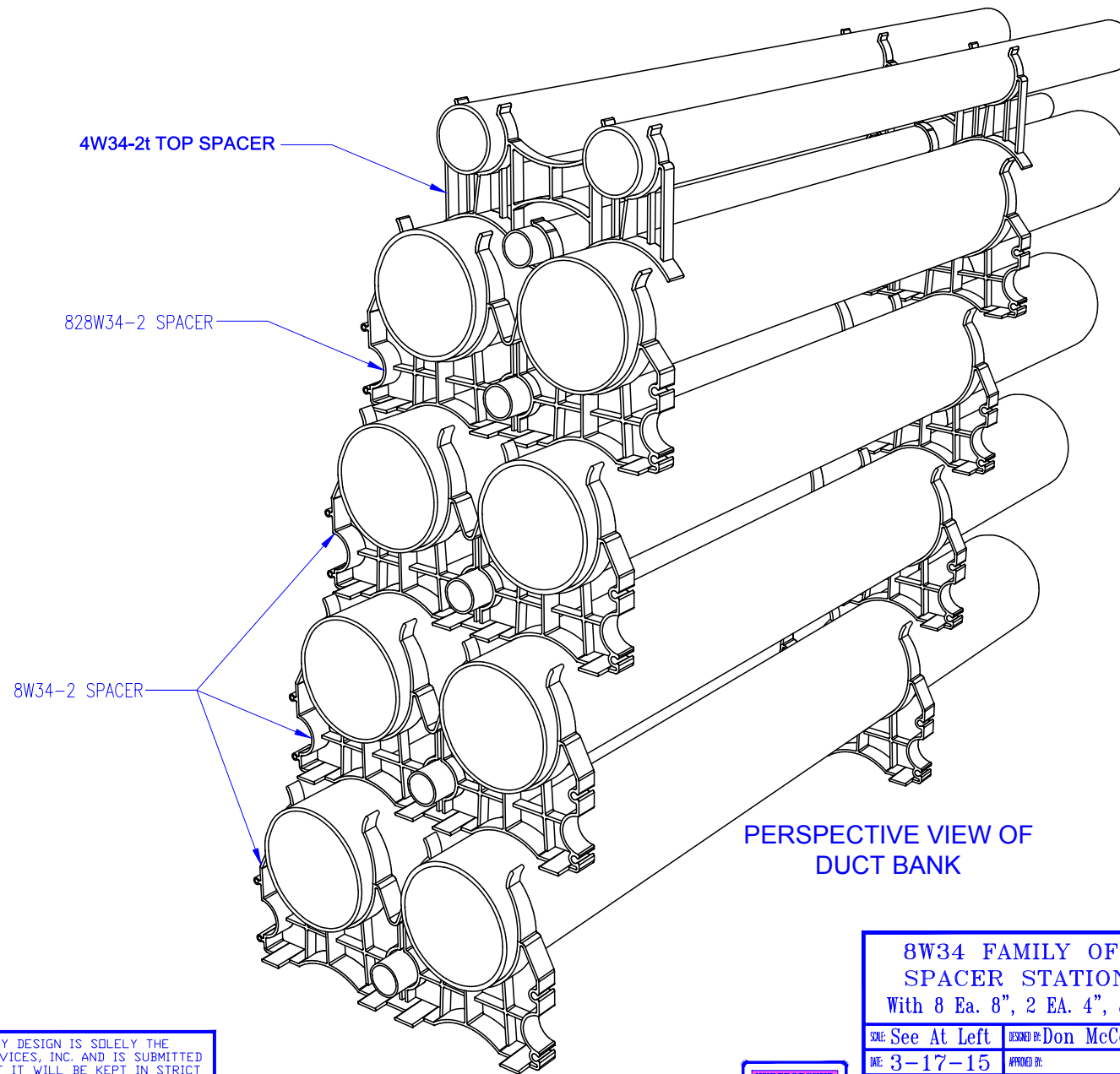


8W34 FAMILY OF WUNPEECE SPACERS
SPACER STATION OUTLINE DRAWING
With 8 Ea. 8", 2 Ea. 4", & 5 Ea. 2" Sch.40 PVC Conduits

SCALE: See At Left	DESIGNED BY: Don McCoy	DRAWN BY: Steve Wendland	CHECKED BY: Don McCoy
DATE: 3-17-15	APPROVED BY:	REVISION: C 5-3-19	

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**8W34 FAMILY OF WUNPEECE SPACERS
SPACER STATION OUTLINE DRAWING**
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