

NOTES: UNLESS OTHERWISE SPECIFIED;

THIS DRAWING IS THE PROPERTY OF AUTOVAC. IT IS A PRELIMINARY DRAWING AND IS NOT TO BE USED FOR CONSTRUCTION OR INSTALLATION WITHOUT THE WRITTEN CONSENT OF AUTOVAC.

PIPING SYSTEMS ABOVE GROUND:

PIPING SYSTEM SHALL BE SCHEDULE 40 SOLID CORE PVC OR ABS PLASTIC PIPE, WITH PLASTIC D.W.V. (DRAIN, WASTE, AND VENT) FITTINGS. ZINC, ALUMINUM OR GALVANIZED TUBING, WITH DIRECTIONAL FLOW ZINC FITTINGS OF NO LESS THAN 16 GAUGE, DESIGNED SPECIFICALLY FOR CENTRAL VACUUM SYSTEMS ARE ALSO ACCEPTABLE.

BURIED PIPING SYSTEMS CAST IRON NO-HUB:

IN-GROUND PIPING SYSTEMS THAT ARE SUBJECT TO GROUND FREEZE/THAW CONDITIONS OR EXCESSIVE MOVEMENT SHALL BE CAST IRON WITH NO-HUB FITTINGS AND NO-HUB COUPLINGS (WITH STAINLESS STEEL BAND).

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PIPING SYSTEM SHALL BE SCHEDULE 40 SOLID CORE PVC OR ABS PLASTIC PIPE, WITH PLASTIC D.W.V. (DRAIN, WASTE, AND VENT) FITTINGS. PLASTIC PIPE INSTALLED IN-GROUND HAVE A POTENTIAL POSSIBILITY OF CRACKING AND WEAR. ALL PLASTIC PIPE SYSTEMS IN-GROUND MUST BE BELOW FREEZE LINE.

SYSTEM NOTES:

ALL INTERIOR SURFACES SHALL BE FREE OF BURRS AND OBSTRUCTIONS FOR NON-RESTRICTIVE AIR FLOW.

ABS AND PVC PIPING SHALL BE CUT STRAIGHT AND REMOVED OF BURRS. PIPING SHALL BE ATTACHED TOGETHER USING A PRIMER AND CEMENT (CLEAR PVC CEMENT FOR PVC AND BLACK ABS CEMENT FOR ABS) FOR 100% TIGHT SEAL.

OVERHEAD PIPING SYSTEMS SHALL BE SUPPORTED BY MEANS OF APPROVED PIPE HANGERS AND SHALL BE INSTALLED AT A MAXIMUM OF SIX FEET O.C. WHEN USING ABS OR PVC PIPE AND TEN FEET WHEN USING ZINC OR ALUMINUM TUBING. ALL FITTINGS SUPPORTING VACUUM DROPS/HOSE ASSEMBLIES SHALL BE SUPPORTED WITHIN ONE FOOT ON EACH SIDE OF THE FITTING CONNECTION.

PIPING SYSTEM SHALL BE TESTED TO HOLD 10 P.S.I. FOR A MINIMUM OF 24 HOURS.

WHEN VACUUM SYSTEM IS INSTALLED IN POTENTIALLY EXPLOSIVE ENVIRONMENT, THE FOLLOWING MY BE REQUIRED AS A MINIMUM. EXPLOSION PROOF MOTOR CLASS 1, GROUP D & CLASS 2 GROUP E, F, & G. ALUMINUM PIPING WITH ZINC FITTINGS. PRIMARY AND FILTERED SEPARATORS AND HOSE ASSEMBLIES REQUIRE SPECIAL GROUNDING. VERIFY ALL CONDITIONS.

PLASTIC PIPE EXPOSED TO ELEMENTS:

PVC PIPE WILL BECOME BRITTLE AT 40° F AND CAN CRACK/SPLIT WHEN MOVING DEBRIS COLLIDES WITH IT. IT IS RECOMMENDED TO USE CAST IRON, ZINC OR ALUMINUM TUBING FOR COLDER CONDITIONS.

PVC AND ABS PLASTIC PIPE ARE NOT U.V. RATED AND WILL DISCOLOR AND SOFTEN CAUSING BOWING WHEN EXPOSED TO DIRECT SUNLIGHT. IT IS RECOMMENDED THAT ALL EXPOSED PLASTIC PIPE AND FITTINGS BE PRIMERED AND PAINTED TO HELP PREVENT THIS. IT IS RECOMMENDED TO USE ZINC OR ALUMINUM TUBING WITH ZINC FITTINGS WHEN EXPOSED TO DIRECT SUNLIGHT.

CHANGES MADE TO VACUUM SYSTEM WITHOUT AUTOVAC CONSULTATION VOIDS ALL AUTOVAC RESPONSIBILITIES AND SYSTEM WARRANTY.

EQUIPMENT WARRANTY INFORMATION: (IF APPLICABLE)

WHEN VACUUM EQUIPMENT IS INSTALLED IN AN ENCLOSURE WITH 4 WALLS AND A ROOF, IT MUST BE VENTILATED. ENCLOSURE DOOR MUST BE LOUVERED AND AN EXHAUST FAN WITH A THERMOSTAT SET AT 85° MUST BE INSTALLED TO TURN OVER AIR EVERY 15 MINUTES. VACUUM TURBINE MUST BE EXHAUSTED OUTSIDE WITH A METALLIC PIPE NO SMALLER THAN 6" WITH EXHAUST PIPE OPENING PROTECTED FROM ELEMENTS. EQUIPMENT PAD MUST BE FLAT AND LEVEL. AMBIENT ROOM TEMPERATURE CANNOT EXCEED 105° F.

VARIABLE FREQUENCY DRIVE (VFD) WARRANTY INFORMATION: (IF APPLICABLE)

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DATE: _____

DESCRIPTION: _____

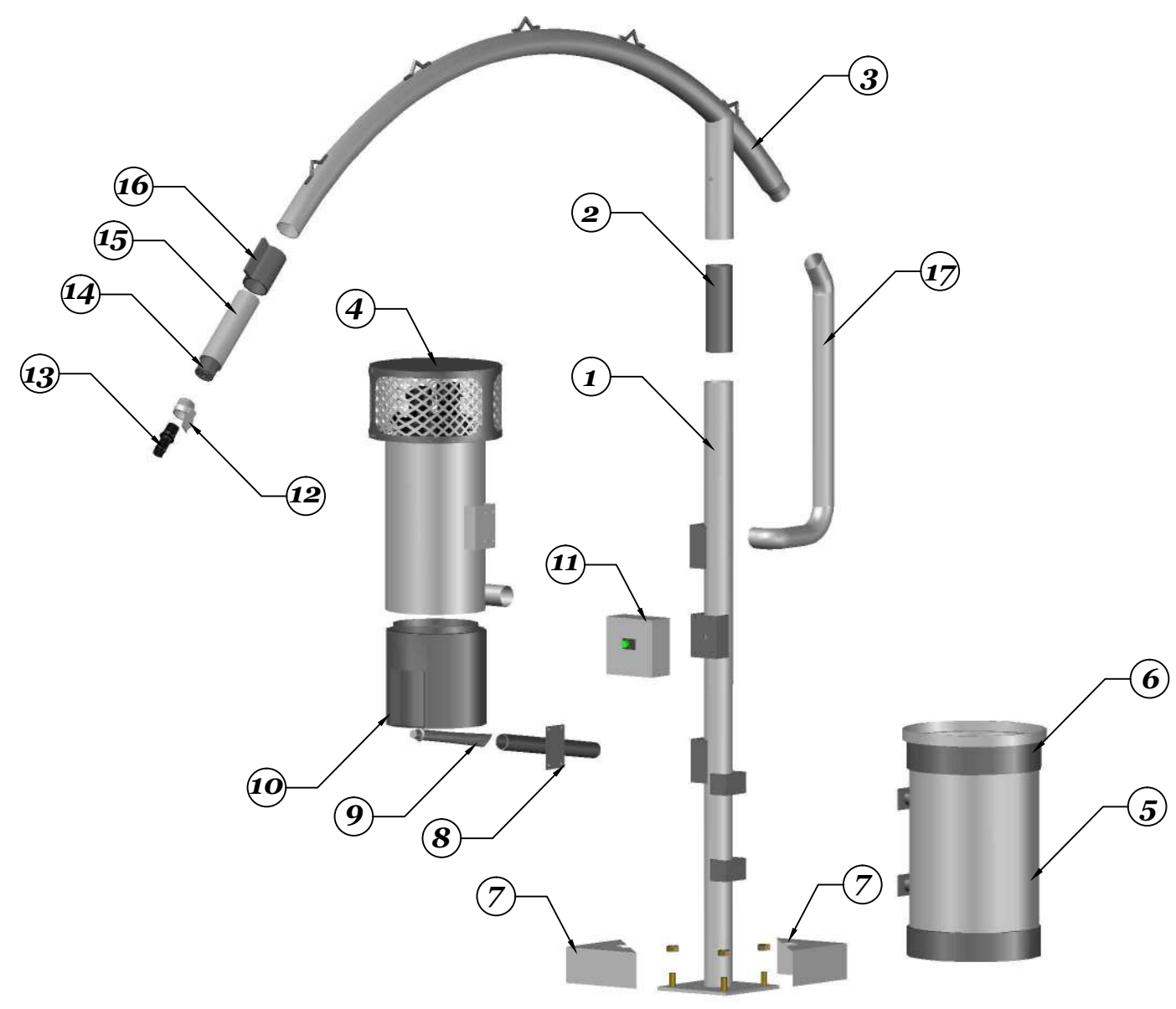
DRAWN BY: _____
REVISION NUMBER: _____

JET PAC VACUUM INSTALLATION INSTRUCTIONS

CHECKED BY: XXX XXX DATE: 10/04/12
SALES PERSON: XXX XXX

MFG. APPROVAL SHEET NO: XXX
CURRENT REV: 1 OF 2

18	FLEXIBLE VACUUM HOSE (NOT SHOWN)
17	VACUUM TO ARCH FLEXIBLE PIPING
16	COMPRESSION COUPLING
15	SINGLE DROP ARCH END
14	FEMALE ADAPTER
13	HOSE ADAPTER
12	INLET VALVE
11	PUSH BUTTON ON / OFF SWITCH
10	JET PAC VACUUM BUCKET
9	CREVICE TOOL
8	CREVICE TOOL HOLDER
7	BASE PLATE COVER
6	TRASH CAN HOLDER
5	TRASH CAN
4	JET PAC VACUUM
3	ARCH
2	STANCHION SLEEVE
1	STANCHION
1	JET PAC VACUUM ARCH SYSTEM



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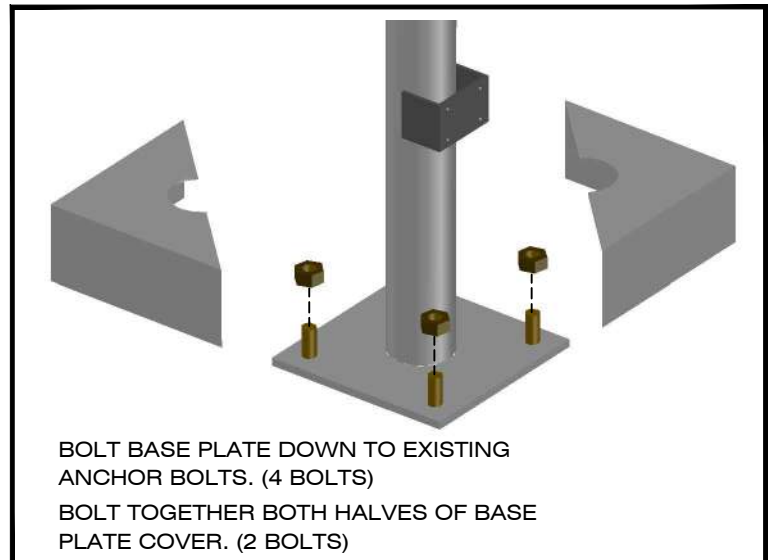
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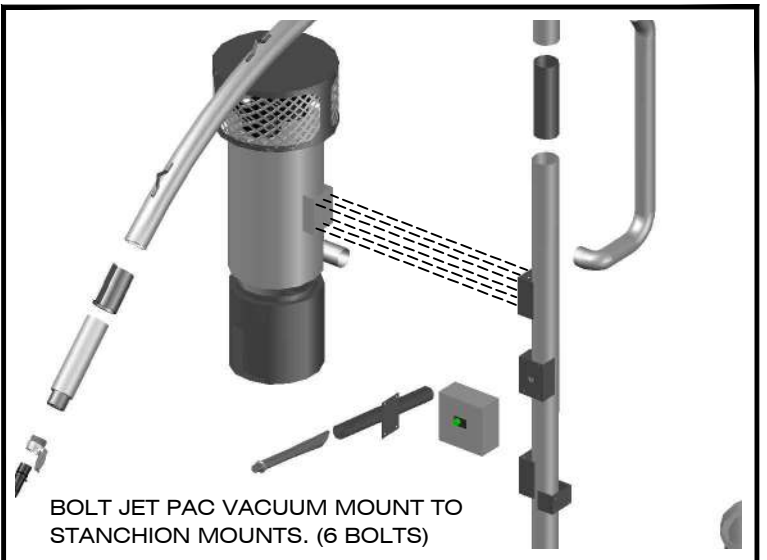
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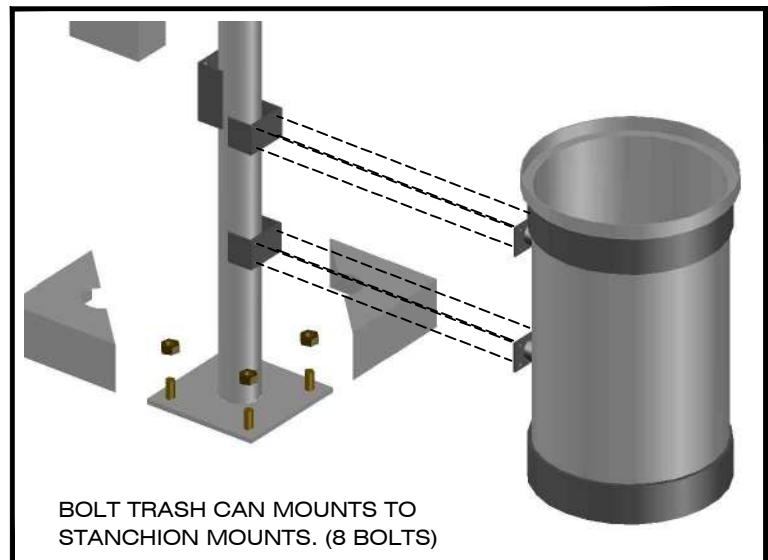
BOLT BASE PLATE DOWN TO EXISTING ANCHOR BOLTS. (4 BOLTS)
BOLT TOGETHER BOTH HALVES OF BASE PLATE COVER. (2 BOLTS)

1 SECURING STANCHION TO GROUND



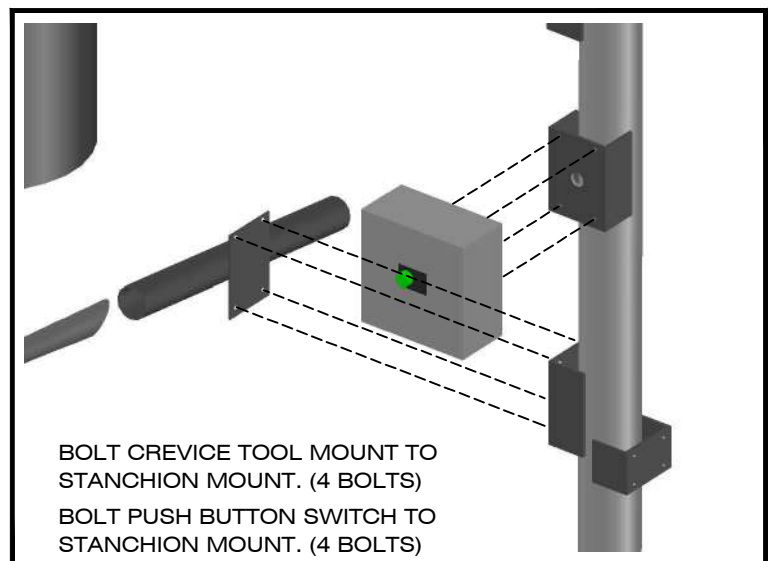
BOLT JET PAC VACUUM MOUNT TO STANCHION MOUNTS. (6 BOLTS)

4 MOUNTING JET PAC VACUUM



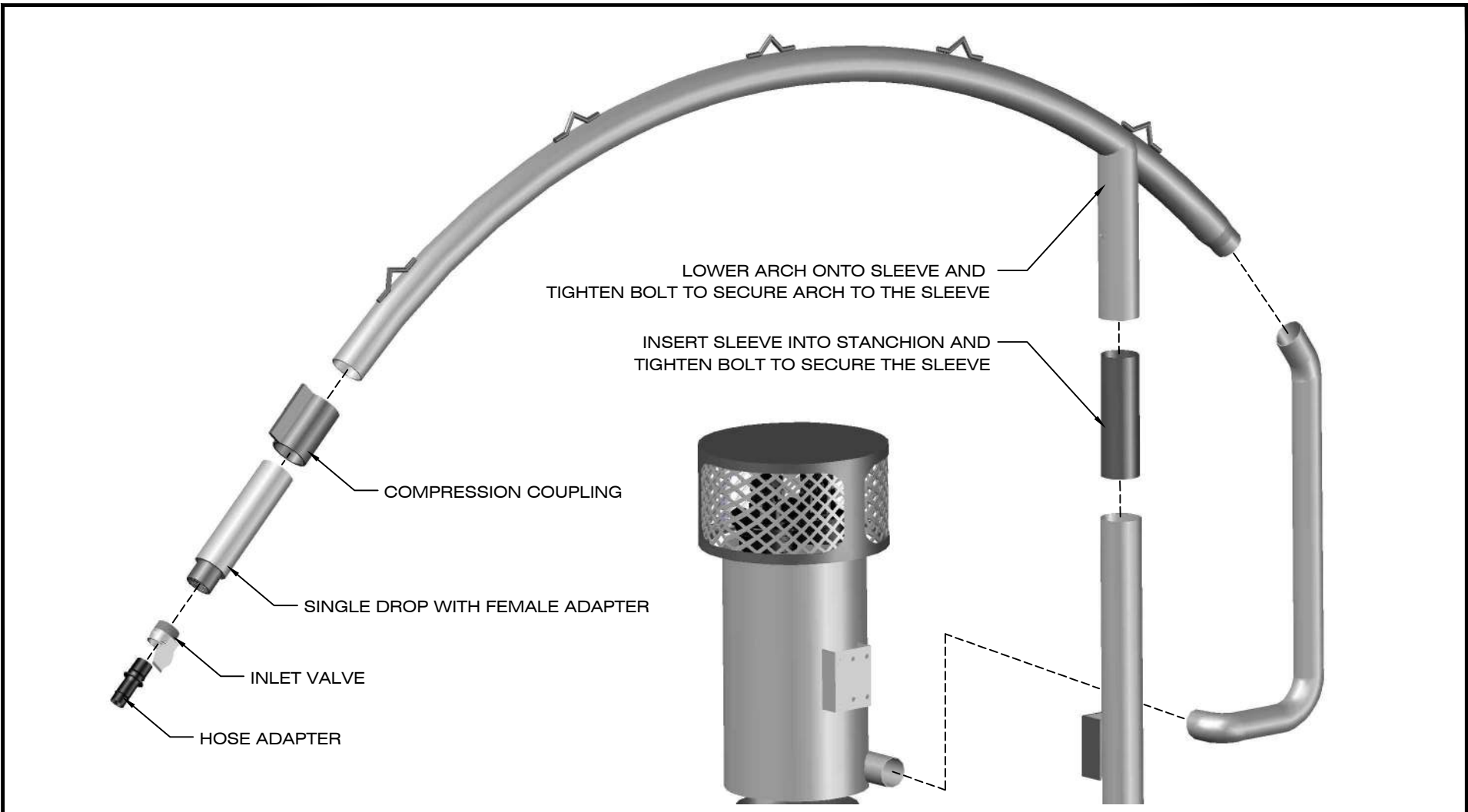
BOLT TRASH CAN MOUNTS TO STANCHION MOUNTS. (8 BOLTS)

2 MOUNTING TRASH CAN SUPPORT



BOLT CREVICE TOOL MOUNT TO STANCHION MOUNT. (4 BOLTS)
BOLT PUSH BUTTON SWITCH TO STANCHION MOUNT. (4 BOLTS)

3 MOUNTING CREVICE TOOL (4 BOLTS) AND PUSH BUTTON (4 BOLTS)



5 SECURING ARCH TO STANCHION

APPROVED BY:	
DATE:	
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DRAWN BY:	WBD	CHECKED BY:	XXX	DATE:	10/04/12
SALES PERSON:	XXX	FINAL:	XXX		
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				2 OF 2	

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