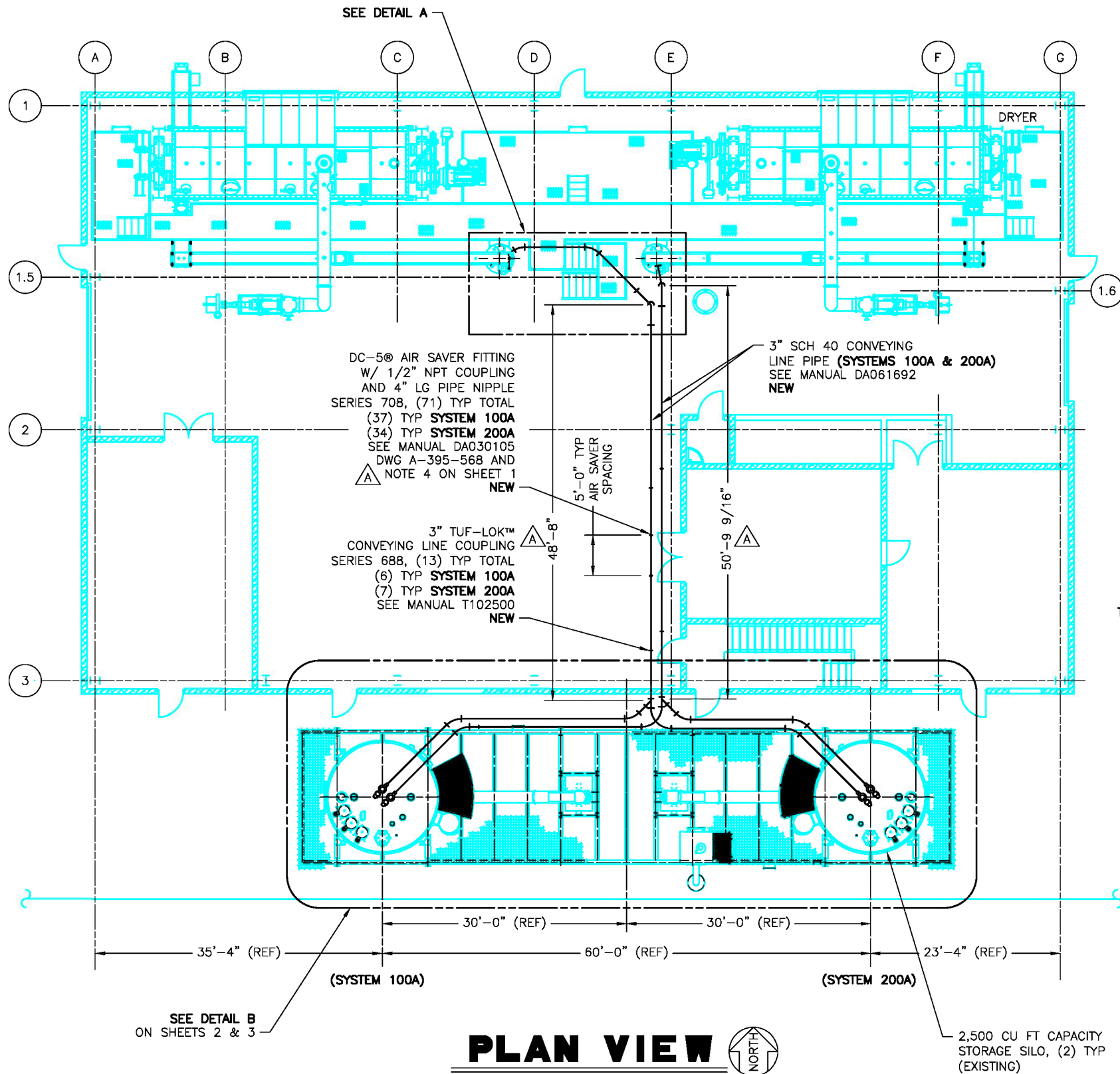


APPENDIX
DYNAMIC AIR INFORMATION

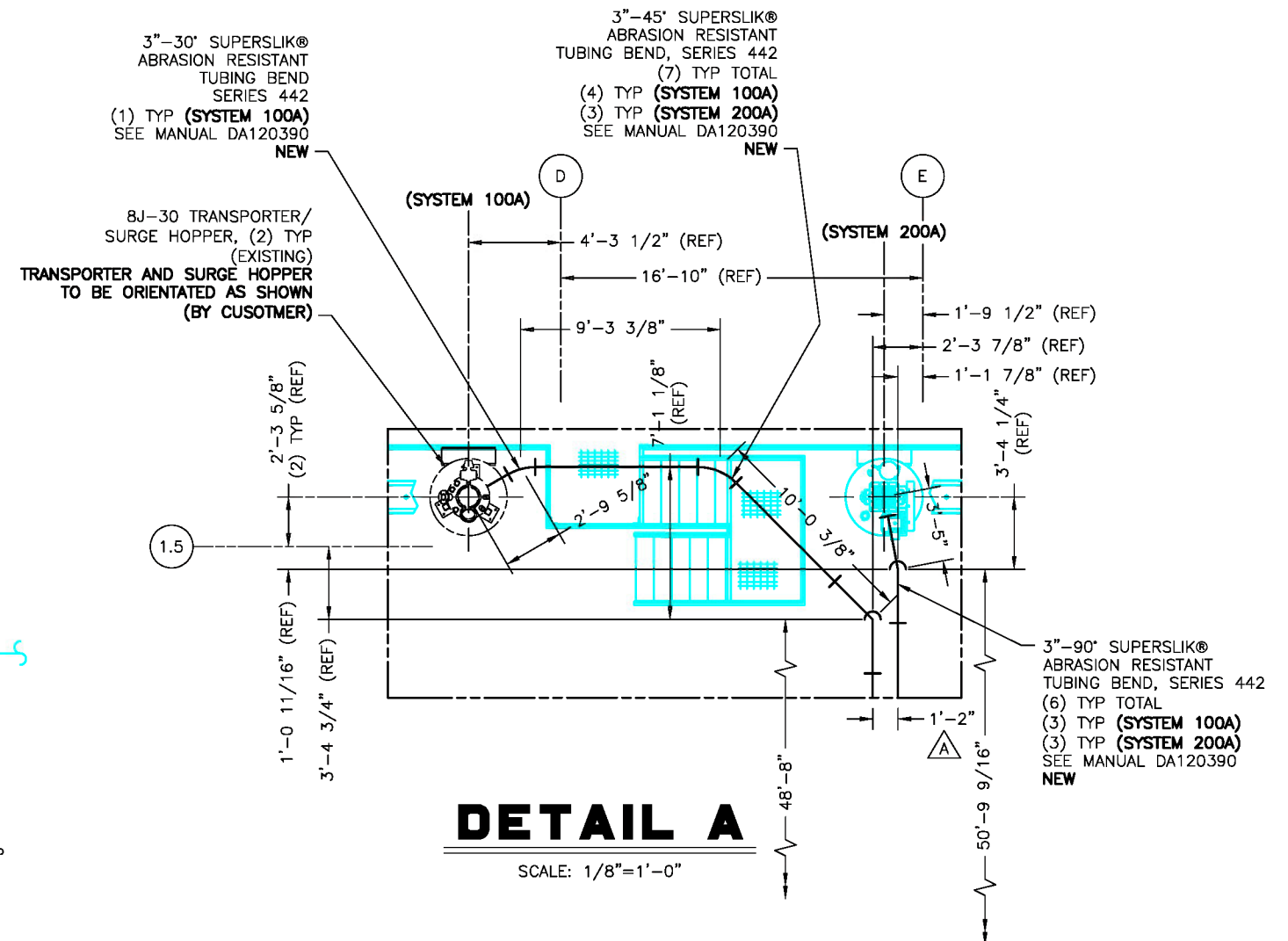
DYNAMIC AIR DRAWINGS



SYSTEM DESIGN DATA	
SYSTEM NUMBER	100A & 200A
CONCEPT DENSE PHASE	HDP 3000 (CONVENTIONAL)
CONVEYING LINE SIZE	3 IN
MAXIMUM CONVEYING DISTANCE	154 FT
MATERIAL	DRIED SEWAGE SLUDGE
BULK DENSITY	60 LBS/CU FT
TEMPERATURE	100° F
PARTICLE SIZE	4-100 MESH
MOISTURE	0.25%
ABRASIVENESS	HIGH

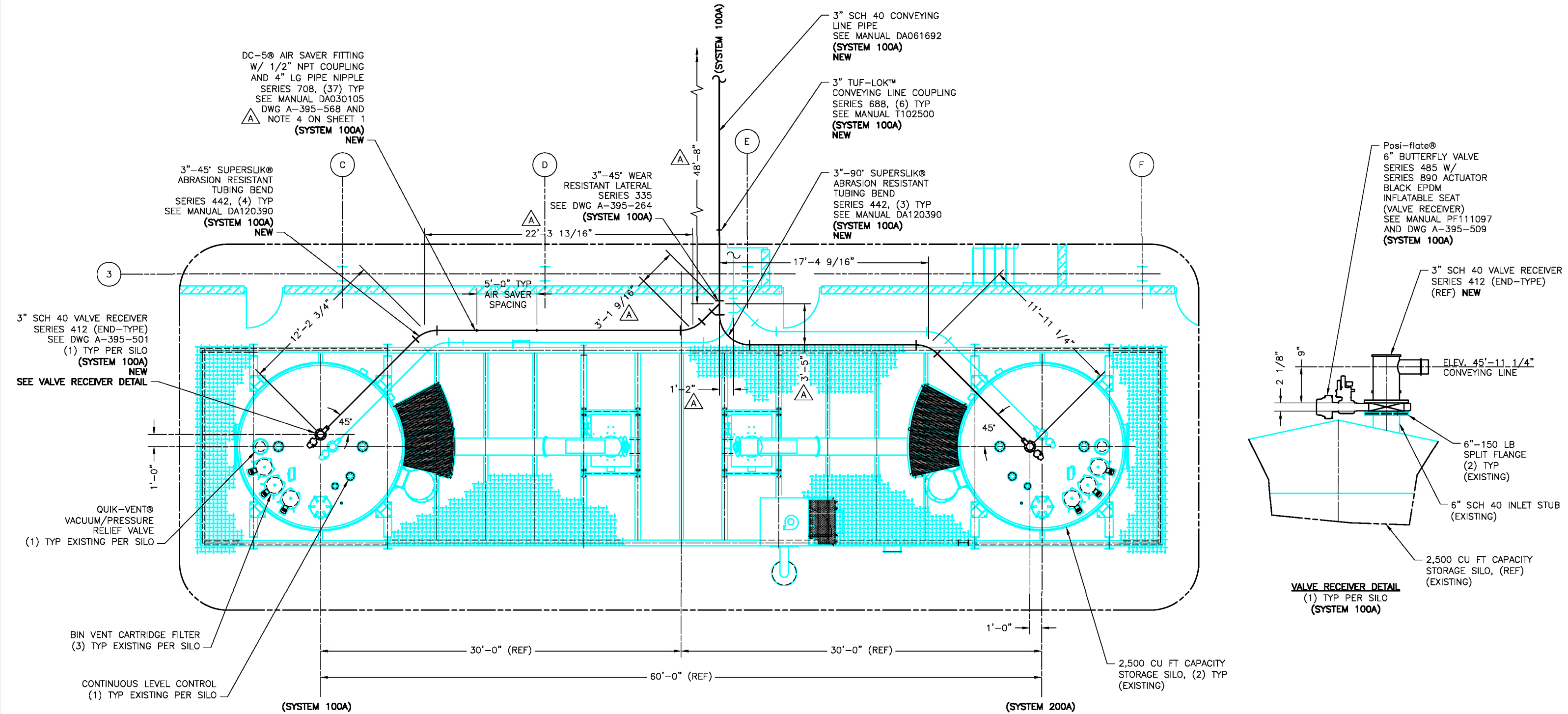
- GENERAL NOTES:
- FOR INSTALLATION INFORMATION SEE "IMPORTANT NOTES" DWG NO. A-395-452.
 - FOR STANDARD FABRICATION/WELDING AND ASSEMBLY PROCEDURES SEE DWG NO. A-395-332
 - FOR "GENERAL INSTALLATION AND TROUBLESHOOTING GUIDE", SEE MANUAL NUMBER DA061692.
 - AIR SAVERS MUST BE ON BENDS IF SPACING DIMENSION FALLS WITHIN ENDS OF BEND. SEE DWG A-395-503.
 - SEE SPECIFIC EQUIPMENT STACK-UPS FOR TRUE ORIENTATION OF EQUIPMENT.

FASTENER SCHEDULE (BY CUSTOMER) (GRADE 5 OR BETTER)				
NO. OF ASSY'S	ASSEMBLY DESCRIPTION	FASTENERS	QTY/ ASSY	TOTAL ASSY
1	3"-30° TUBE BEND (SUPERSLIK®)	(1) 5/8-11 UNC X 4" LG GRADE 5 BOLT W/ (2) FLAT WASHERS W/ (1) LOCK WASHER AND (1) HEX NUT	16	16
7	3"-45° TUBE BEND (SUPERSLIK®)	(1) 5/8-11 UNC X 4" LG GRADE 5 BOLT W/ (2) FLAT WASHERS W/ (1) LOCK WASHER AND (1) HEX NUT	24	168
6	3"-90° TUBE BEND (SUPERSLIK®)	(1) 5/8-11 UNC X 4" LG GRADE 5 BOLT W/ (2) FLAT WASHERS W/ (1) LOCK WASHER AND (1) HEX NUT	32	192
2	3"-45° WEAR RESISTANT LATERAL	(1) 5/8-11 UNC X 3" LG GRADE 5 BOLT W/ (2) FLAT WASHERS, (1) LOCK WASHER AND (1) HEX NUT	12	24
4	3" VALVE RECEIVER (6" BUTTERFLY VALVE)	(1) 3/4-10 UNC X 5 1/2" LG BOLT W/ (2) FLAT WASHERS, (1) LOCK WASHER AND (1) HEX NUT	8	32



BY DJT		DATE 06/11/20		SCALE 1/16"=1'-0"												GENERAL ARRANGEMENT/TUBING DETAIL		<div>DYNAMIC AIR Conveying Systems SAINT PAUL, MINNESOTA U.S.A.</div>																			
GEN. MC,JO		ENGR. DLL		CK												PIPE ROUTING PLAN VIEW																					
THIS DRAWING IS THE PROPERTY OF DYNAMIC AIR, INCORPORATED, WHO CLAIMS PROPRIETARY RIGHTS IN THE MATERIAL DISCLOSED. IT IS ISSUED IN CONFIDENCE FOR ENGINEERING INFORMATION ONLY AND MAY NOT BE COPIED OR USED FOR MANUFACTURE OF ANYTHING SHOWN WITHOUT SPECIFIC WRITTEN PERMISSION FROM DYNAMIC AIR, INCORPORATED.														SYSTEM 100A & 200A																							
														SOUTH VALLEY RECLAMATION FACILITY																							
														WEST JORDAN, UT																							
P.O.# 18981																SHEET 1 OF 4				DRAWING NO. B-5544-101A		REV. A															
A		07/28/20		REVISED ROUTING PER CUSTOMER COMMENTS; CHANGED DC-5 COUNT; 5'-0" DC-5 SPACING WAS 10'-0"										DL		BPB		NO.		DATE		MICRO		REVISION NOTE		APPROV		BY		THIS DRAWING REPLACES:		THIS DRAWING REPLACED BY:		APPROV		BY	

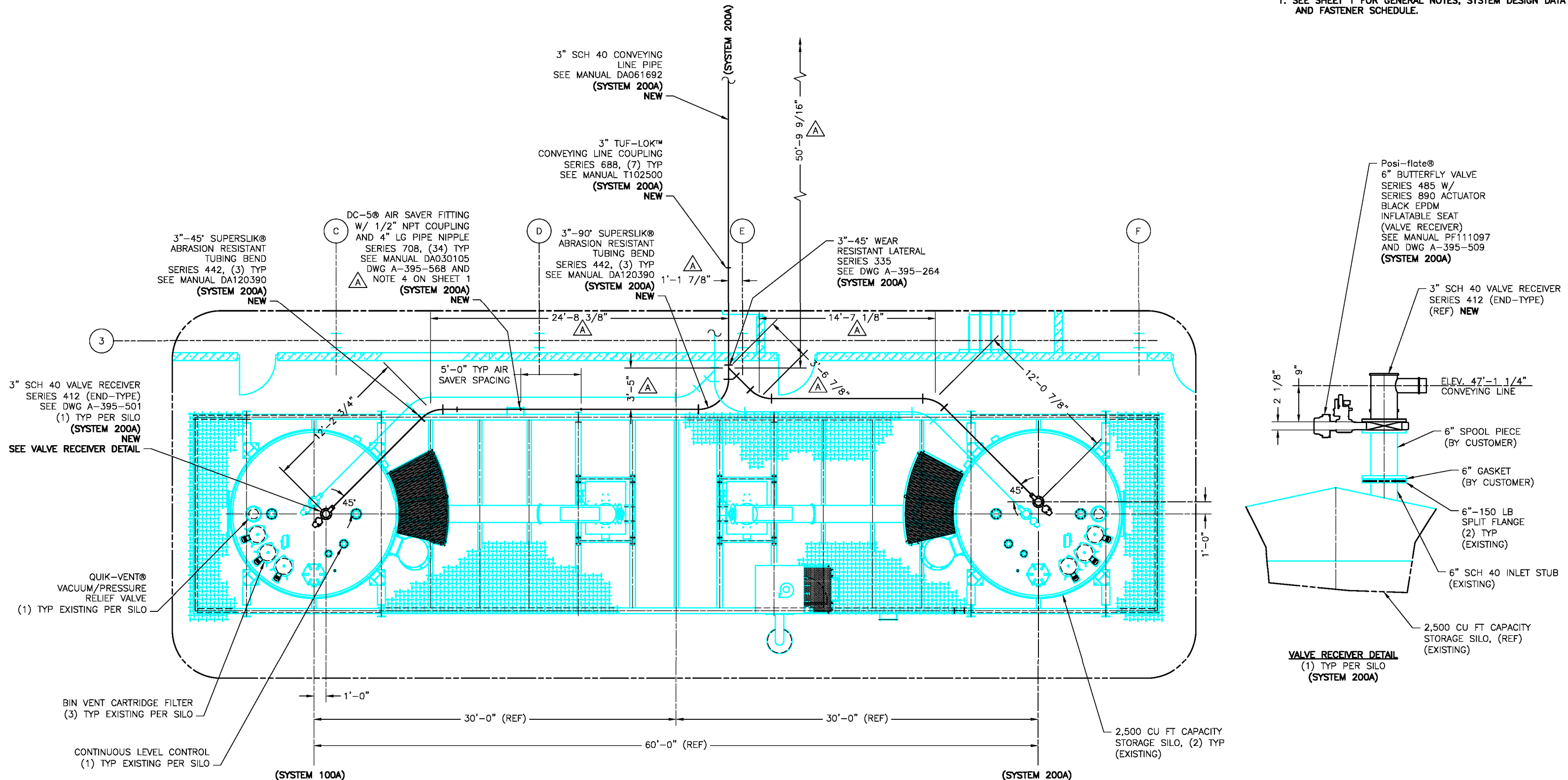
NOTE:
1. SEE SHEET 1 FOR GENERAL NOTES, SYSTEM DESIGN DATA
AND FASTENER SCHEDULE.



DETAIL B 
FROM SHEET 1
SYSTEM 100A ROUTING
(SEE SHEET 3 FOR SYSTEM 200A ROUTING)

BY: DJT		DATE: 06/11/20		SCALE: 1/8"=1'-0"																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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NOTE:
1. SEE SHEET 1 FOR GENERAL NOTES, SYSTEM DESIGN DATA
AND FASTENER SCHEDULE.

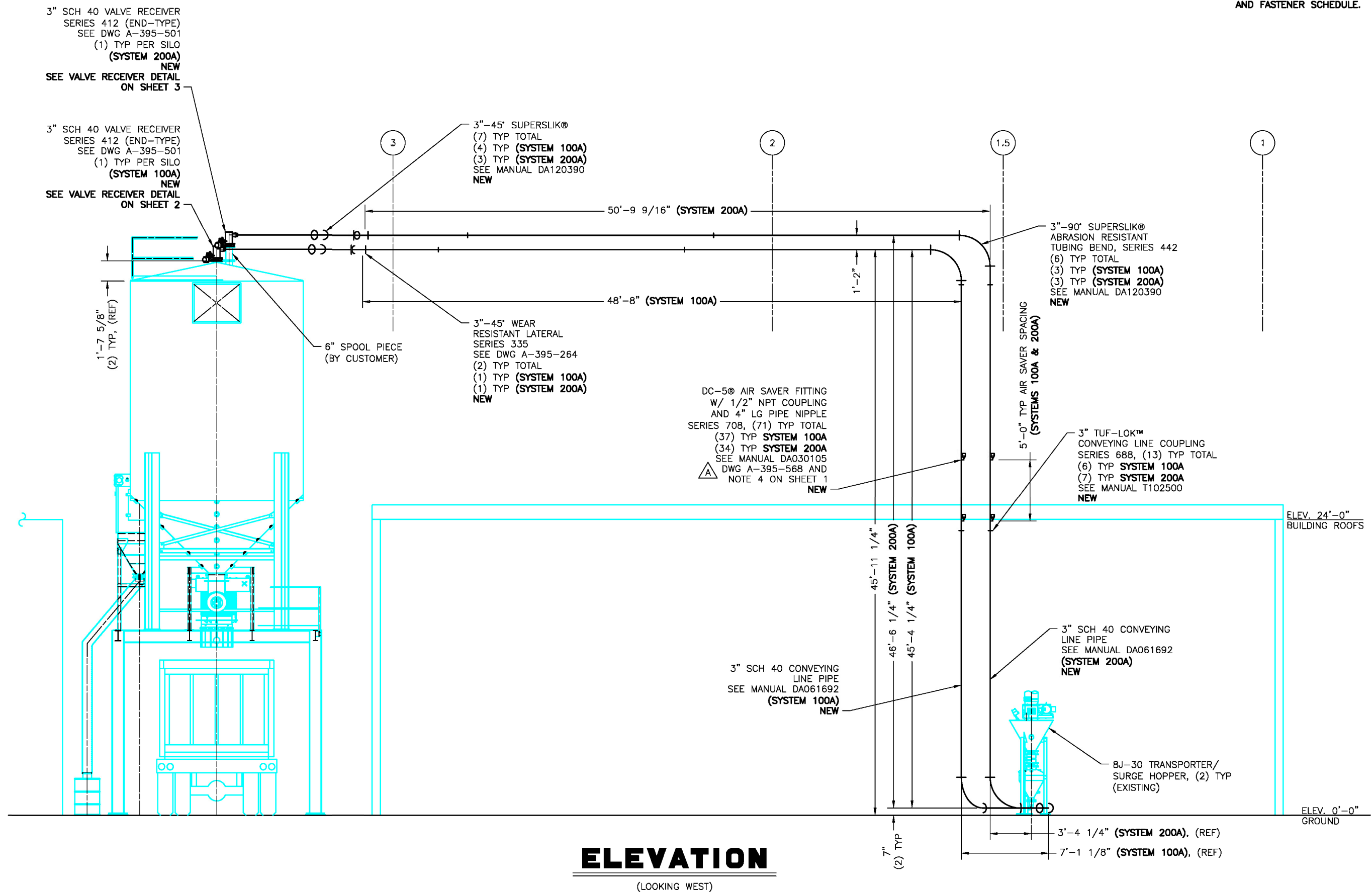


DETAIL B

FROM SHEET 1
SYSTEM 200A ROUTING
(SEE SHEET 2 FOR SYSTEM 100A ROUTING)

[illegible]

NOTE:
1. SEE SHEET 1 FOR GENERAL NOTES, SYSTEM DESIGN DATA
AND FASTENER SCHEDULE.



BY DJT		DATE 06/11/20		SCALE 1/8"=1'-0"																																GENERAL ARRANGEMENT/TUBING DETAIL										<div><div><div>DYNAMIC AIR</div><div>Conveying Systems</div><div>SAINT PAUL, MINNESOTA U.S.A.</div></div></div>																									
GEN. MC,JO		ENGR. DLL		CK.																																PIPE ROUTING ELEVATION VIEW																																			
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REVISED ROUTING PER CUSTOMER COMMENTS; CHANGED DC-5 COUNT; 5'-0" DC-5 SPACING WAS 10'-0"																														SOUTH VALLEY RECLAMATION FACILITY																																									
A		07/28/20																												DL		BPB		NO. DATE		MICRO		REVISION NOTE										APPROV		BY		WEST JORDAN, UT																			
NO.		DATE		MICRO		REVISION NOTE																										APPROV		BY		THIS DRAWING REPLACES:										THIS DRAWING REPLACED BY:										APPROV		BY		P.O.# 18981											
4		OF		4																																																								B-5544-101A										A	

GENERAL NOTES

1. SEE GENERAL INSTALLATION AND TROUBLESHOOTING GUIDE, MANUAL DA061692, SECTION 2.4, FOR INFORMATION ON COMPRESSED AIR SYSTEM SIZING.
2. SEE DRAWING A-395-275 FOR SYSTEM LEGEND.
3. FOR PROPER OPERATION, SYSTEM SHOULD BE PIPED EXACTLY AS SHOWN. UNIONS SHOULD BE INSTALLED WHERE GOOD PIPING PRACTICES DICTATE. ANY CHANGES IN PIPING ARRANGEMENT MUST FIRST BE APPROVED BY THE DYNAMIC AIR ENGINEERING DEPARTMENT.
4. ALL PIPING MUST FIRST BE DEBURRED BEFORE ASSEMBLING.
5. ONLY THOSE PARTS LISTED ON THE EQUIPMENT LIST WILL BE FURNISHED BY DYNAMIC AIR.
6. THIS DRAWING IS FOR WIRING AND PIPING PURPOSES ONLY, FOR ACTUAL LOCATION AND DIMENSIONAL DATA OF EQUIPMENT SHOWN, SEE GENERAL ARRANGEMENT/TUBING DETAIL DRAWING.
7. CUSTOMER AIR SUPPLY MUST BE CLEAN DRY COMPRESSED AIR AND WITHIN THE MINIMUM AND MAXIMUM PRESSURES, AS INDICATED, AT ALL TIMES DURING SYSTEM OPERATION.
8. AIR SUPPLY, INCLUDING THE PIPE, SHUTOFF VALVES, FITTINGS, AND FILTERS IS TO BE SUPPLIED BY CUSTOMER.
9. PIPING FROM THE AIR SUPPLY TO THE AIR CONTROL MODULE MUST NOT BE MORE THAN 100' (30 METERS) IN LENGTH. IF THE AIR SUPPLY IS BEYOND 100' (30 METERS), CONSULT THE DYNAMIC AIR ENGINEERING DEPARTMENT.
10. PIPING BETWEEN THE AIR CONTROL MODULE AND THE TRANSPORTER MUST NOT EXCEED 20' (6 METERS). ANY FURTHER DISTANCE MUST FIRST BE APPROVED BY THE DYNAMIC AIR ENGINEERING DEPARTMENT.
11. FOR OPERATOR SAFETY, THE TRANSPORTER PRESSURE RELIEF VALVE (IF USED) AND MANUAL BLEED-OFF MUST BE PIPED DOWNWARD TO NO MORE THAN 18" (450 MM) FROM THE FLOOR.
12. PRIOR TO INITIAL START UP, PURGE ALL AIR LINES LEADING TO 4-WAY SOLENOID VALVES BY OPENING ALL THE UNIONS JUST AHEAD OF THE VALVES AND TURNING THE AIR ON AT THE SUPPLY. TURN THE AIR OFF. RE-ASSEMBLE THE UNIONS AND CHECK FOR LEAKS.
13. ALL LEVEL SWITCHES USED TO INDICATE HIGH LEVEL IN RECEIVING BINS, SILOS OR HOPPERS SHOULD BE LOCATED DOWN FAR ENOUGH SO THAT AFTER ACTUATED, THERE IS STILL ROOM FOR AT LEAST ONE FULL TRANSPORTER BATCH OR FULL CONVEY LINE OF MATERIAL (DEPENDING ON WHICH CONTAINS THE LARGER VOLUMETRIC CAPACITY) ABOVE THE LEVEL SWITCH.
14. MAINTENANCE LOCKOUT ISOLATION VALVES (BY CUSTOMER) TO BE LOCATED WITHIN SIGHT OF THE SYSTEM EQUIPMENT THEY SUPPLY.
15. LOCATE TEES ON THE BOOSTER FITTING AIR HEADER AT DIRECTIONAL CHANGES WITH THE THRU LEG PLUGGED FOR SYSTEM MAINTENANCE.
16. LOCATE UNIONS AT 20' (6 METERS) INTERVALS ALONG THE BOOSTER FITTING AIR SUPPLY HEADER.

BY TMM	DATE 4/25/00	SCALE NONE			
DES.	ENGR.	CHK.			
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NO.	DATE	MICRO			
THIS DRAWING REPLACES:					
REVISION NOTE					
THIS DRAWING REPLACED BY:					
APPROD. BY					
GENERAL NOTES, PIPING DIAGRAM					
STANDARD					
1 OF 1					
A-395-188					
C					

DYNAMIC AIR
Conveying Systems

SAINT PAUL, MINNESOTA U.S.A.

DRAWING NO.

A-395-188

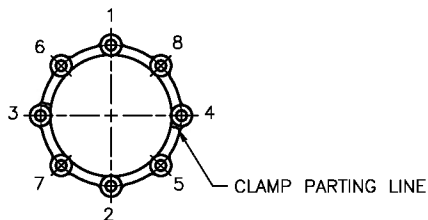
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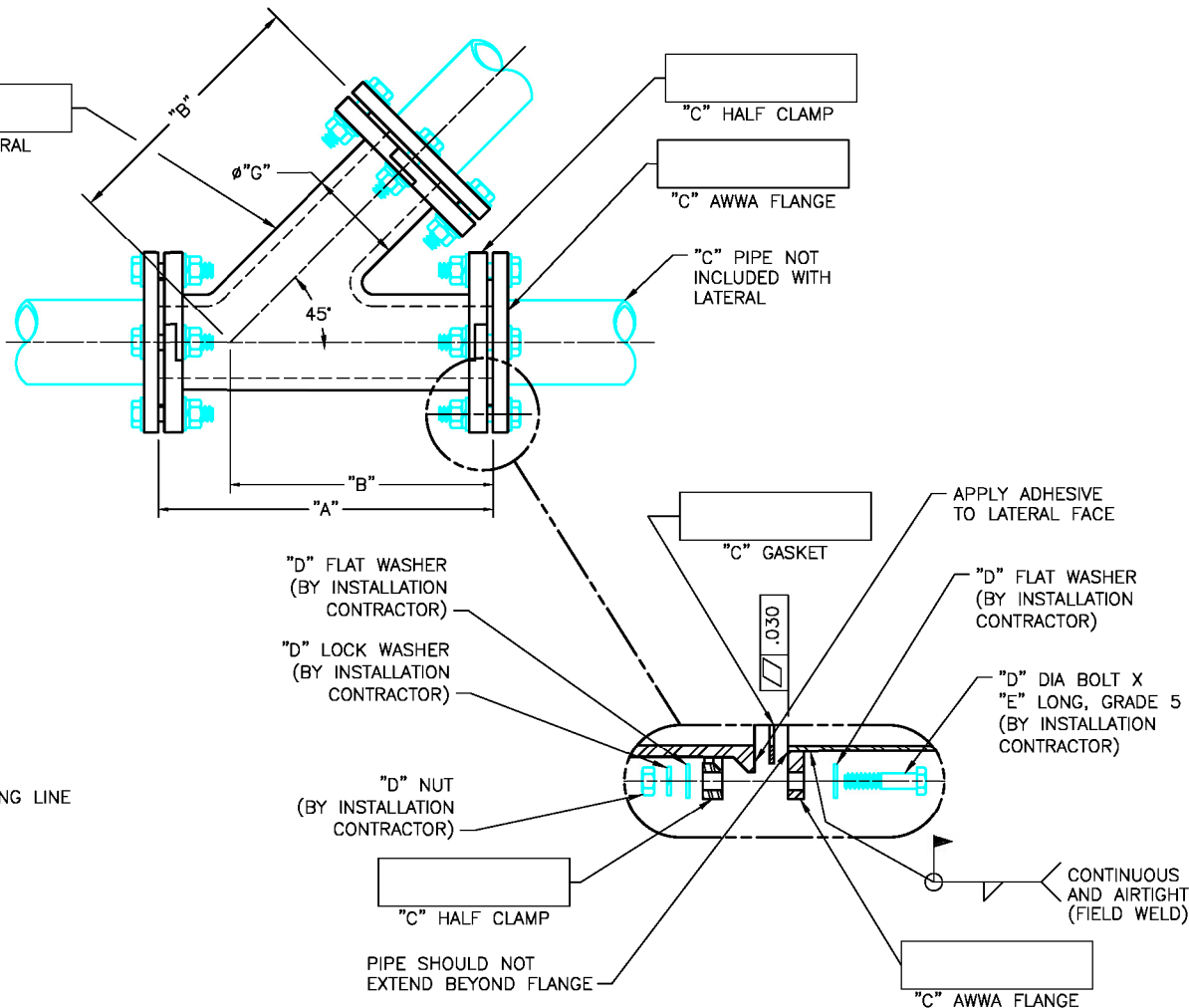
FASTENER SCHEDULE (SUPPLIED BY INSTALLATION CONTRACTOR)		BILL OF MATERIALS: WEAR RESISTANT LATERAL (SUPPLIED ON SYSTEM/SPARE PARTS EQUIPMENT LIST)		LATERAL SIZE										APPROX. WEIGHT
QTY.	DESCRIPTION	QTY.	DESCRIPTION	A	B	C	D	E	F	G	H			
F	"D" DIA X "E" LG BOLT, GR 5	1	"C" – LATERAL	2"	11.00	9.00	2"	5/8	3.00	12	3.00	24	40 LBS.	
H	"D" DIA FLAT WASHER	6	"C" HALF CLAMP	3"	14.00	11.00	3"	5/8	3.00	12	4.00	24	64 LBS.	
F	"D" DIA LOCK WASHER	3	"C" AWWA FLANGE	4"	16.50	13.13	4"	5/8	3.00	24	5.25	48	109 LBS.	
F	"D" DIA NUT	3	"C" GASKET (BUNA–N STD)	5"	18.50	14.75	5"	3/4	3.50	24	6.50	48	155 LBS.	
				6"	21.50	17.25	6"	3/4	3.50	24	7.50	48	207 LBS.	
				8"	25.50	20.25	8"	3/4	3.50	24	9.75	48	275 LBS.	
				10"	29.50	23.25	10"	7/8	4.00	36	12.00	72	460 LBS.	

ASSEMBLY INSTRUCTIONS

1. APPLY A VERY LIGHT COAT OF 3M #80 ADHESIVE AS DIRECTED TO ONE SIDE OF GASKET AND LATERAL. ADHERE GASKET TO LATERAL INSURING THAT THE GASKET IS CENTERED. THIS IS DONE ONLY FOR THE PURPOSE OF HOLDING THE GASKET DURING ASSEMBLY.
2. PLACE MATING SURFACES TOGETHER, ENSURING THAT BOTH INSIDE DIAMETERS ARE PERFECTLY MATCHED UP.
3. PLACE TWO HALF CLAMPS ON EITHER SIDE OF MATED SURFACE WITH BEVELED SIDE OF CLAMPS FACING TOWARD THE FLANGE.
4. PLACE HALF CLAMPS TOGETHER ON EACH SIDE SO THAT THE CLAMP BECOMES ONE UNIT AS PICTURED AT RIGHT.
5. PLACE BOLT WITH FLAT WASHER THROUGH ONE SIDE OF FIRST CLAMP AND FASTEN WITH A FLAT WASHER, LOCK WASHER AND NUT FROM OTHER SIDE OF SECOND CLAMP (SEE SECTION VIEW AT RIGHT). REPEAT UNTIL ALL BOLTS ARE FASTENED TO FINGER TIGHTNESS.
6. WITH WRENCH TIGHTEN BOLTS ACCORDING TO THE ORDER SHOWN IN THE BOLT TIGHTENING SEQUENCE DETAIL.











































BOLT TIGHTENING SEQUENCE DETAIL



UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES

BY KM	DATE 09/29/99	SCALE NONE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	GATE VALVE		LUBRICATOR
	FLOW VALVE		PIPE REDUCER
	BALL VALVE		FLEXIBLE TUBING
	BALL VALVE WITH LOCKOUT	 DRAIN	AUTO TRAP
	CHECK VALVE		LIMIT SWITCH
	3-WAY SLIDE VALVE		LEVEL SWITCH (X=LEVEL)
	QUICK OPENING VALVE		VIBRA-JET SERIES 264
	PRESSURE RELIEF VALVE		VIBRA-JET SERIES 683
	2-WAY SINGLE COIL SOLENOID VALVE		DYNA-CHEK ³ BOOSTER FITTING
	3-WAY SINGLE COIL SOLENOID VALVE		DYNA-CHEK ⁴ BOOSTER FITTING
	4-WAY SINGLE COIL SOLENOID VALVE		DC-5 AIR SAVER
	4-WAY DOUBLE COIL SOLENOID VALVE		PINCH VALVE
	REGULATOR		BUTTERFLY VALVE
	MUFFLER		SLIDE GATE VALVE
	PRESSURE SWITCH		IRIS VALVE
	PRESSURE TRANSDUCER		AIR ACTUATOR/CYLINDER
	VACUUM TRANSDUCER		ACTUATOR HANDLE FOR MANUAL VALVES
	DIFFERENTIAL PRESSURE GAUGE		PRESSURE RELIEF VALVE (HATCH TYPE)
	GAUGE		FLEXIBLE HOSE
	AIR LINE FILTER		FLEXIBLE CONNECTION

BY TMM DATE 2/15/06 SCALE NONE
 GEN. WLL. ENGR. CK.
 THIS DRAWING IS THE PROPERTY OF DYNAMIC AIR INC. WHO CLAIMS PROPRIETARY RIGHTS IN THE MATERIAL. DISCLOSED, IT IS ISSUED IN CONFIDENCE FOR THE DESIGNER'S USE ONLY AND MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT SPECIFIC WRITTEN PERMISSION FROM DYNAMIC AIR INC.

NO. DATE MICRO
 REVISION NOTE
 THIS DRAWING REPLACED BY:

WIRING & PIPING DIAGRAM
 SYMBOLS LABEL CHART


DYNAMIC AIR
 Conveying Systems
 SAINT PAUL, MINNESOTA U.S.A.
 SHEET 1 OF 1
 A-395-275
 REV. B

THE FOLLOWING PROCEDURES AND DETAILS ARE STANDARD TO DYNAMIC AIR INC. AND WILL BE ADHERED TO UNLESS AGREED TO OTHERWISE IN WRITING PRIOR TO PLACEMENT OF A PURCHASE ORDER. ANY REQUESTED DEVIATION TO THESE PROCEDURES MUST BE APPROVED BY DYNAMIC AIR INC. AND MAY RESULT IN ADDITIONAL COSTS TO THE CUSTOMER. DYNAMIC AIR INC. RESERVES THE RIGHT TO ALTER THESE PROCEDURES AT ANY TIME.

1. TRANSPORTERS AND ANY OTHER SPECIFIED PRESSURE VESSELS ARE DESIGNED, BUILT, AND TESTED (NATIONAL BOARD CERTIFIED) TO ASME BOILER AND PRESSURE VESSEL CODE—SECTION VIII, DIVISION I.
2. WELD QUALITY EXAMINATIONS FOR TRANSPORTERS AND PRESSURE VESSELS (I.E.—RADIOGRAPHIC, MAGNETIC PARTICLE, ULTRA—SOUND, DYE—PENETRANT, VISUAL, ETC.) ARE PERFORMED ONLY AS REQUIRED IN ASME CODE—SECTION VIII, DIVISION I. ALL OTHER WELDMENTS ARE INSPECTED VISUALLY AND, IF WARRANTED, FOLLOWED BY A DYE—PENETRANT TEST.
3. NON—CODE WELDMENTS (I.E.—FLANGED ADAPTERS, SPOOL PIECES, CONVEY LINE SEGMENTS, HOPPERS, DUST COLLECTORS, ETC.) ARE REQUIRED TO HAVE GOOD QUALITY WELDS BUT NOT NECESSARILY FULL PENETRATION WELDS. SEAMS ARE WELDED ON OUTSIDE ONLY UNLESS DYNAMIC AIR DETERMINES OTHERWISE DUE TO INTERNAL DESIGN REQUIREMENTS.
4. ALL SLIP—ON FLANGES AND DYNAMIC AIR SELF—ALIGNING FLANGES ARE WELDED ON THE BACKSIDE ONLY. ANSI PIPING STANDARDS DO NOT REQUIRE THE FACE—SIDE OF THE FLANGE TO BE WELDED. (TRANSPORTERS AND PRESSURE VESSELS DESIGNED BY DYNAMIC AIR USE WELD NECK FLANGES)
5. ALL SLIP—ON FLANGE AND DYNAMIC AIR SELF—ALIGNING FLANGE FACES ARE FLUSH WITH THE END OF THE PIPE TO WHICH THEY ARE WELDED.
6. ALL SLIP—ON FLANGE, DYNAMIC AIR SELF—ALIGNING FLANGE, WELD NECK FLANGE, AND PLATE FLANGE FACES ARE FLAT AND SMOOTH TO WITHIN .030 INCH. ALL OTHER EQUIPMENT FLANGES ARE SMOOTH AND DO NOT HAVE ANY SPECIAL SURFACE FINISHES.
7. MAJOR STAINLESS STEEL AND ALUMINUM WELDMENTS ARE STANDARD MILL FINISH WITH EXCESSIVE WELD SPATTER AND DISCOLORATION REMOVED. MAJOR CARBON STEEL WELDMENTS ARE ABRASIVE BLASTED TO SSPC—SP6 AND PAINTED WITH ONE COAT GRAY ALKYD ENAMEL. PURCHASED COMPONENTS AND PARTS NOT PRACTICAL TO PAINT WILL BE FURNISHED WITH MANUFACTURER'S STANDARD COLOR (I.E.—BUTTERFLY VALVES, SOLENOID VALVES, LEVEL CONTROLS, LOAD CELLS, COUPLINGS, AIR CONTROLS AND INSTRUMENTATION, ETC.). CONVEYING LINE PIPE, BENDS AND LOOSE FLANGES ARE FURNISHED UNPAINTED. ITEMS SUCH AS HOPPERS, SILOS, STRUCTURAL STEEL, SUPPORTS, ETC. ARE PRIME PAINTED ONLY. ALL PAINTED EQUIPMENT IS EXTERIOR PAINTED ONLY (EXCEPT FOR BAG BUSTER UNITS AND SCREW FEEDERS). THICKNESS OF PAINT WILL BE AS REQUIRED TO INSURE COMPLETE COVERAGE OF EQUIPMENT BEING PAINTED.

8. DUE TO DYNAMIC AIR'S EXTENSIVE EXPERIENCE IN PACKING ITS EQUIPMENT TO MINIMIZE POTENTIAL DAMAGE DURING SHIPMENT, PRE-ASSEMBLY OF EQUIPMENT IS SUBJECT TO DYNAMIC AIR'S STANDARD SHOP PROCEDURES. HENCE, SUCH ITEMS AS BUTTERFLY VALVES, LEVEL CONTROLS, VIBRA-JETS, AERATION JETS, AIR CONTROL MODULES, ELECTRICAL ENCLOSURES, ETC. ARE SHIPPED LOOSE TO BE FIELD ASSEMBLED TO THE APPROPRIATE VESSEL OR HOPPER.
9. ALL FLANGED AND THREADED OPENINGS ON PRESSURE VESSELS, HOPPERS, ETC. ARE NOT COVERED OR PLUGGED PRIOR TO SHIPMENT.

[illegible]

BY: GLE	DATE: 08/04/98	SCALE: NONE
GEN. GA/ET	ENGR. BILL	CHK. BILL
THIS DRAWING IS THE PROPERTY OF DYNAMIC AIR INC. WHO CLAIMS PROPRIETARY RIGHTS IN THE MATERIAL DISCLOSED. IT IS ISSUED IN CONFORMANCE WITH THE DYNAMIC AIR INC. POLICY AND IS NOT TO BE REPRODUCED OR USED FOR MANUFACTURE OF ANYTHING WITHOUT SPECIFIC WRITTEN PERMISSION FROM DYNAMIC AIR INC.		
NO.	DATE	REVISION
1	08/04/98	INITIALS
THIS DRAWING REPLACES:		
THIS DRAWING REPLACES BY:		
STANDARD FABRICATION/		
WELDING AND ASSEMBLY PROCEDURES		
		
SAINT PAUL, MINNESOTA U.S.A.		
DRAWING NO. A-395-332		
SHEET 2 OF 2		
REV. D		

10. ALL ITEMS LISTED ON THE EQUIPMENT LIST ARE TAGGED ONLY WITH DYNAMIC AIR'S REFERENCE NUMBER USING PLAIN PAPER TAGS (FOR SMALLER ITEMS, THE BOXES IN WHICH THEY ARE PACKED ARE MARKED). SHOULD DYNAMIC AIR AGREE TO ATTACH SPECIAL CUSTOMER TAGS, ONLY THOSE ITEMS ASSIGNED A CUSTOMER EQUIPMENT NUMBER WILL RECEIVE SUCH A TAG. ALL OTHERS WILL BE TAGGED AS STATED ABOVE.
11. ALL TAGS ARE ATTACHED TO THE APPROPRIATE ITEMS VIA WIRE OR PLASTIC TIES. TRANSPORTER AND PRESSURE VESSEL CERTIFICATION STAMPS AND NAMEPLATES ARE WELDED TO THE VESSEL SIDEWALL.
12. ALL ELECTRICAL COMPONENTS ARE RATED NEMA 12, UNLESS OTHERWISE NOTED.
13. ON ALL ELECTRICAL ENCLOSURES:
 - a. ELECTRICAL ENCLOSURES WILL NOT BE RELEASED FOR ASSEMBLING UNTIL ELECTRICAL DRAWINGS ARE APPROVED.

MISCELLANEOUS

14. DYNAMIC AIR DOES NOT SUPPLY INSTALLATION LABOR AND MATERIALS, MOTOR STARTERS, FOUNDATIONS AND FOOTINGS, PITS, PIT STEEL, ANY AND ALL EXPANSION JOINTS, TUBING SUPPORTS, STRUCTURAL STEEL WORK, FASTENERS, GASKETS, COMPRESSED AIR, COMPRESSED AIR PIPING OR ANYTHING NOT SPECIFIED IN THE SALES PROPOSAL. SHOULD DYNAMIC AIR AGREE TO SUPPLY FASTENERS, THEY WILL BE ZINC-PLATED, UNLESS OTHERWISE SPECIFIED IN THE SALES PROPOSAL.
15. DYNAMIC AIR FABRICATION DRAWINGS (INCLUDING THOSE FOR TRANSPORTERS AND PRESSURE VESSELS) ARE CONSIDERED PROPRIETARY AND WILL NOT BE RELEASED TO THE CUSTOMER. FABRICATION DRAWINGS ARE AVAILABLE FOR REVIEW ONLY AT DYNAMIC AIR'S FACILITY AND THE FABRICATION SITE (FOR USE BY CUSTOMER'S INSPECTOR). SUCH DRAWINGS ARE NOT TO LEAVE THOSE LOCATIONS.
16. MECHANICAL EQUIPMENT IS NOT RELEASED FOR FABRICATION UNTIL MECHANICAL GENERAL ARRANGEMENT DRAWINGS ARE APPROVED.
17. ELECTRICAL EQUIPMENT IS NOT RELEASED FOR FABRICATION UNTIL THE SEQUENCE OF OPERATION AND WIRING AND PIPING DRAWINGS ARE APPROVED.


IMPORTANT NOTES

GENERAL:

1. WARNING – CONVEYING SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH DYNAMIC AIR INC. DRAWINGS, MANUALS AND NOTES BELOW OR PERFORMANCE WARRANTY WILL BE VOIDED.
2. ONLY THOSE PARTS LISTED ON THE MATERIAL LIST WILL BE FURNISHED BY DYNAMIC AIR INC.
3. ALL PLATFORMS AND EQUIPMENT SUPPORTS ARE BY OTHERS UNLESS OTHERWISE SPECIFIED.
4. SYSTEM MUST BE INSTALLED EXACTLY AS SHOWN, ANY CHANGES MUST BE APPROVED IN WRITING BY THE DYNAMIC AIR INC. ENGINEERING DEPARTMENT.
5. IF SPARE PARTS ARE ORDERED FROM THE MATERIAL LIST, INCLUDE THE PART NUMBER, DRAWING NUMBER AND DESCRIPTION FOR THE DESIRED ITEM ON YOUR PURCHASE ORDER TO INSURE PROPER ITEM IDENTIFICATION.
6. CONSULT THE DYNAMIC AIR INC. INSTALLATION AND MAINTENANCE MANUAL DA061692 BEFORE ATTEMPTING TO INSTALL EQUIPMENT.
7. BACK CHARGES FOR REWORK OR CHANGES WILL NOT BE ACCEPTED WITHOUT PRIOR AUTHORIZATION FROM DYNAMIC AIR INC.
8. UNLESS SPECIFICALLY NOTED EQUIPMENT SUPPLIED MAY REQUIRE OPERATORS AND OTHER PERSONNEL TO USE APPROPRIATE HEARING PROTECTION.
9. CUSTOMER IS TO FIELD VERIFY ALL DIMENSIONS TO INSURE THAT THEY ARE CORRECT AND COMPLETE.
10. IN THE SITUATION WHERE DYNAMIC AIR IS NOT PROVIDING ALL OF THE EQUIPMENT REQUIRED FOR A COMPLETE AND PROPERLY FUNCTIONING DYNAMIC AIR SYSTEM AND/OR THE CUSTOMER IS PROVIDING ITS OWN SUPPLIED COMPONENT PARTS, IT IS FULLY UNDERSTOOD THAT DYNAMIC AIR WILL NOT BE HELD RESPONSIBLE FOR EQUIPMENT PERFORMANCE, AND/OR THE LIABILITIES AND/OR SAFETY DEFICIENCIES CAUSED BY OR THAT RESULT FROM THE USE OF ANY COMPONENTS OR PARTS NOT SUPPLIED BY DYNAMIC AIR INC. THIS INCLUDES BUT IS NOT LIMITED TO CUSTOMER FURNISHED ITEMS SUCH AS DUST COLLECTORS, VACUUM OR PRESSURE RELIEF DEVICES, SURGE HOPPERS, RECEIVING HOPPERS, STORAGE SILOS, CONVEYING LINE SWITCHES, CONVEYING LINE, BENDS AND PIPE COUPLINGS, ELECTRICAL CONTROL PANELS, LEVEL CONTROLS, AND/OR ANY OTHER REQUIRED INSTRUMENTS.
11. UNLESS SPECIFICALLY LISTED IN DYNAMIC AIR INC. PROPOSAL, ANY PROFESSIONAL ENGINEERING SERVICES REQUIRED BY CUSTOMER'S LOCAL, STATE OR FEDERAL CODES ARE THE RESPONSIBILITY OF THE CUSTOMER.

CONVEYING LINE:

1. ALL CONVEYING PIPE AND TUBING CUT IN THE FIELD MUST BE SAW CUT WITH THE ENDS DRESSED SQUARE AND INTERNALLY DE-BURRED.

BY: SWK	DATE: 5/20/02	SCALE: NONE
ENR. BILT	ENR. BILT	CK. BILT
THIS DRAWING IS THE PROPERTY OF DYNAMIC AIR INC. WHO CLAIMS PROPRIETARY RIGHTS IN THE MATERIAL. IT IS TO BE USED ONLY IN CONNECTION WITH THE EQUIPMENT AND MATERIALS SPECIFICALLY LISTED HEREON. IT IS NOT TO BE REPRODUCED OR USED FOR MANUFACTURE OF ANYTHING WITHOUT SPECIFIC WRITTEN PERMISSION FROM DYNAMIC AIR INC.		
NO.	DATE	REVISION
1	5/20/02	INITIALS
THIS DRAWING REPLACES:		
THIS DRAWING REPLACED BY:		
APPROVED BY:		
IMPORTANT NOTES		
 <p>SAINT PAUL, MINNESOTA U.S.A.</p> <p>DRAWING NO. A-395-452</p> <p>1 OF 4</p> <p>REV. K</p>		

IMPORTANT NOTES

CONVEYING LINE CONTINUED:

2. THE CONVEYING LINE PIPE, TUBING AND BENDS MUST BE SUPPORTED ACCORDING TO DYNAMIC AIR INC. INSTALLATION AND MAINTENANCE MANUAL DA061692 AND MUST BE SUPPORTED Laterally TO PREVENT MOVING OR SWAYING DURING CONVEYING.
3. DO NOT WELD PIPE, TUBING OR BENDS TO SUPPORTS.
4. ALL SUPPORTS ARE BY OTHERS UNLESS OTHERWISE SPECIFIED.
5. IT IS IMPERATIVE THAT THE TYPE OF CONVEYING LINE COUPLING OR FLANGE USED BE A SELF-ALIGNING TYPE TO REDUCE RESISTANCE IN THE LINE. THE TYPE OF CONNECTIONS ON THE CONVEYING LINE PIPE, TUBING AND BENDS MUST PROVIDE PROPER ALIGNMENT OF THE INSIDE OF THE PIPE. FAILURE TO MAINTAIN A SMOOTH CONVEYING LINE INTERIOR SURFACE THROUGHOUT THE LINE COULD ADVERSELY EFFECT SYSTEM PERFORMANCE WITH REGARD TO RATE, AIR CONSUMPTION, WEAR ON COMPONENTS, ETC. IN ADDITION, THE CONNECTION MUST PROVIDE ADEQUATE RESISTANCE TO THE AXIAL LOADING ON THE CONNECTION THAT IS CREATED DURING CONVEYING.
6. IT IS IMPERATIVE THAT ALL FIELD WELDED CONVEYING LINE JOINTS BE SMOOTH AND FLUSH ON THE INTERIOR TO REDUCE RESISTANCE IN THE LINE AND MAINTAIN PROPER ALIGNMENT OF THE INSIDE OF THE PIPE. FAILURE TO MAINTAIN A SMOOTH CONVEYING LINE INTERIOR SURFACE THROUGHOUT THE LINE COULD ADVERSELY EFFECT SYSTEM PERFORMANCE WITH REGARD TO RATE, AIR CONSUMPTION, WEAR ON COMPONENTS, ETC. IN ADDITION, THE WELD CONNECTION MUST BE OF SUFFICIENT QUALITY TO PROVIDE ADEQUATE RESISTANCE TO THE AXIAL LOADING ON THE CONNECTION THAT IS CREATED DURING CONVEYING.
7. BOOSTER/AIR SAVER INSTALLATION AND SPACING TO BE PER DYNAMIC AIR INC. MANUAL NUMBER DA022291/DA051993/DA030105 AND DYNAMIC AIR INC. GENERAL ARRANGEMENT/TUBING DETAIL DRAWING (01). TOLERANCE ON BOOSTER SPACING TO BE +0" -6" (+0MM -150MM)(SPACING INCLUDES MOUNTING BOOSTERS ON TUBING BENDS AS REQUIRED BY SPECIFIED SPACING). DEVIATION FROM BOOSTER INSTALLATION AND/OR SPACING MAY ADVERSELY EFFECT SYSTEM PERFORMANCE AND AIR USAGE.
8. THE AIR SUPPLY INLET FOR BOOSTERS MUST BE LOCATED ON TOP OF THE CONVEYING LINE ON HORIZONTAL RUNS OF PIPE.
9. ALL AIR SUPPLY PIPING MUST BE DE-BURRED INTERNALLY BEFORE ASSEMBLING.

EQUIPMENT:

1. ALL EQUIPMENT SUCH AS HOPPERS, TRANSITIONS, RECEIVERS, ETC. MUST BE INSTALLED AIR TIGHT TO PREVENT DUSTING.
2. ALL EQUIPMENT MUST BE SUFFICIENTLY SUPPORTED TO INSURE PROPER OPERATION BY THE INSTALLATION CONTRACTOR.
3. UNLESS SPECIFIED OTHERWISE, ALL CARBON STEEL TRANSPORTERS (PRESSURE VESSELS) ARE DESIGNED TO ASME SECTION VIII, DIVISION 1 WITH 100 PSIG DESIGN/WORKING PRESSURE @ -20 DEGREES F TO 650 DEGREES F.

BY: SJK	DATE: 5/20/02	SCALE: NONE
ENR. BILL	CHK. BILL	
THIS DRAWING IS THE PROPERTY OF DYNAMIC AIR INC. WHO CLAIMS PROPRIETARY RIGHTS IN THE MATERIAL. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT SPECIFIC WRITTEN PERMISSION FROM DYNAMIC AIR INC.		
NO.	DATE	REVISION NOTE
THIS DRAWING REPLACES:		
THIS DRAWING REPLACES BY:		
APPROVED BY:		
IMPORTANT NOTES		
<div style="display: flex; justify-content: space-between;"> <div> <p>2 of 4</p> <p>SHEET</p> <p>SAINT PAUL, MINNESOTA U.S.A.</p> <p>DRAWING NO.</p> <p>A-395-452</p> <p>REV.</p> <p>K</p> </div> <div> <p>DYNAMIC AIR</p> <p>Conveying Systems</p> </div> </div>		

EQUIPMENT CONTINUED:

4. UNLESS SPECIFIED OTHERWISE, ALL STAINLESS STEEL TRANSPORTERS (PRESSURE VESSELS) ARE DESIGNED TO ASME SECTION VIII, DIVISION 1 WITH 100 PSIG DESIGN/WORKING PRESSURE @ -20 DEGREES F TO 200 DEGREES F.
5. WHEN VENTING A TRANSPORTER THROUGH A STATIC VENT, IT IS THE RESPONSIBILITY OF THE CUSTOMER/INSTALLATION CONTRACTOR TO INSURE THAT THERE IS NO INTERFERENCE BETWEEN THE VALVE DISC AND THE VENT PIPE.
6. ALL FASTENERS AS SPECIFIED, BUT NOT LIMITED TO THE HARDWARE SPECIFIED IN THE FASTENER SCHEDULE FOR MOUNTING, INSTALLING AND ANCHORING OF DYNAMIC AIR INC. SUPPLIED, CUSTOMER SUPPLIED, CONTRACTOR SUPPLIED OR INTERFACE WITH EXISTING EQUIPMENT IS TO BE SUPPLIED BY THE INSTALLATION CONTRACTOR UNLESS OTHERWISE SPECIFIED IN DYNAMIC AIR INC. DRAWINGS OR SPECIFICATIONS.
7. ALL BOLTS FOR BUTTERFLY VALVES ARE TO HAVE A SINGLE LOCK WASHER.
8. ALL GASKETS, CAULKING, GROUT, BUSHINGS, PLUGS, ETC. NECESSARY FOR THE INSTALLATION OF DYNAMIC AIR INC. SUPPLIED AND CUSTOMER SUPPLIED OR EXISTING EQUIPMENT TO BE SUPPLIED BY THE INSTALLATION CONTRACTOR UNLESS OTHERWISE SPECIFIED IN DYNAMIC AIR INC. DRAWINGS OR SPECIFICATIONS.
9. INFLATABLE SEATED BUTTERFLY VALVES MUST BE INSTALLED IN THE CLOSED POSITION BETWEEN CLEAN (FREE OF ANY LUBRICANT OR FOREIGN MATERIALS) FLAT FACED FLANGES OR DAMAGE MAY RESULT.
10. NON-INFLATABLE SEATED BUTTERFLY VALVES MUST BE INSTALLED IN THE OPEN POSITION OR DAMAGE TO THE SEAT MAY RESULT.
11. DO NOT GASKET BUTTERFLY VALVES.
12. CUSTOMER MUST PUT PRESSURE/VACUUM RELIEF VALVES ON RECEIVING BINS AND/OR SILOS BEING CONVEYED INTO. FAILURE TO DO SO COULD HAVE CATASTROPHIC RESULTS, SUCH AS RUPTURING OR COLLAPSING OF SILOS, BINS AND/OR DUST COLLECTORS WITH POSSIBLE INJURY OR DEATH TO PLANT PERSONNEL.
13. UNLESS OTHERWISE SPECIFIED SILO FOUNDATION AND ANCHOR BOLTS ARE TO BE DESIGNED AND FURNISHED BY OTHERS.
14. DUST FILTER/COLLECTOR CONTROLS ARE TO BE REMOTELY LOCATED AND MOUNTED BY THE INSTALLATION CONTRACTOR.
15. DUE TO ACTUAL MATERIAL FILL PROFILE, LEVEL CONTROL LENGTH MAY REQUIRE FIELD MODIFICATION BY THE INSTALLATION CONTRACTOR/CUSTOMER AT THE TIME OF SYSTEM START-UP. SEE DYNAMIC AIR INC. SUPPLIED MODIFICATION DETAIL OR CONSULT DYNAMIC AIR INC. ENGINEERING FOR INSTRUCTIONS ON MODIFICATION PROCEDURE.

[illegible]

IMPORTANT NOTES

EQUIPMENT CONTINUED:

16. FOR CONVENTIONAL CONCEPT SYSTEMS:

ALL LEVEL CONTROLS USED TO INDICATE HIGH LEVEL IN "RECEIVING" BINS, SILOS OR HOPPERS SHOULD BE LOCATED DOWN FAR ENOUGH SO THAT AFTER ACTUATION THERE IS STILL ROOM FOR AT LEAST ONE FULL TRANSPORTER BATCH ABOVE THE LEVEL CONTROL. WHENEVER POSSIBLE ADDITIONAL SPACE SHOULD BE ALLOWED FOR AIR EXPANSION.

FOR FULL LINE CONCEPT SYSTEMS:

ALL LEVEL CONTROLS USED TO INDICATE HIGH LEVEL IN "RECEIVING" BINS, SILOS OR HOPPERS SHOULD BE LOCATED DOWN FAR ENOUGH SO THAT AFTER ACTUATION THERE IS STILL ROOM FOR AT LEAST ONE FULL TRANSPORTER BATCH PLUS THE PURGE VOLUME OF THE CONVEYING LINE, ABOVE THE LEVEL CONTROL. WHENEVER POSSIBLE ADDITIONAL SPACE SHOULD BE ALLOWED FOR AIR EXPANSION.

17. WEIGH HOPPER SUPPORT STRUCTURES MUST BE DESIGNED AND INSTALLED TO PREVENT ANY EXTERNAL FORCES SUCH AS VIBRATION, ETC. FROM EFFECTING THE FUNCTION OF THE LOAD CELLS AND/OR THE WEIGHING SYSTEM.

18. FIELD INSTALLATION OF WEIGHING EQUIPMENT – DO NOT WELD TO WEIGHING EQUIPMENT WITH LOAD CELLS INSTALLED. IF WELDING IS NECESSARY, REMOVE LOAD CELLS TO PREVENT ELECTRONIC DAMAGE.

19. UNLESS OTHERWISE NOTED, HEAT TRACING & INSULATION, IF REQUIRED TO PREVENT CONDENSATION ON THE INSIDE OF EQUIPMENT OR CONVEYING LINES, IS TO BE PROVIDED BY OTHERS.

20. VENT LINE PIPE SHOULD BE ROUTED AS DIRECT AS POSSIBLE USING A MINIMAL AMOUNT OF BENDS. VENT LINE SHOULD NEVER BE INSTALLED IN THE HORIZONTAL POSITION, MINIMUM SLOPE SHOULD BE 60 DEGREES. THIS WILL HELP ENSURE THAT NO MATERIAL WILL BUILD UP IN THE VENT LINE.

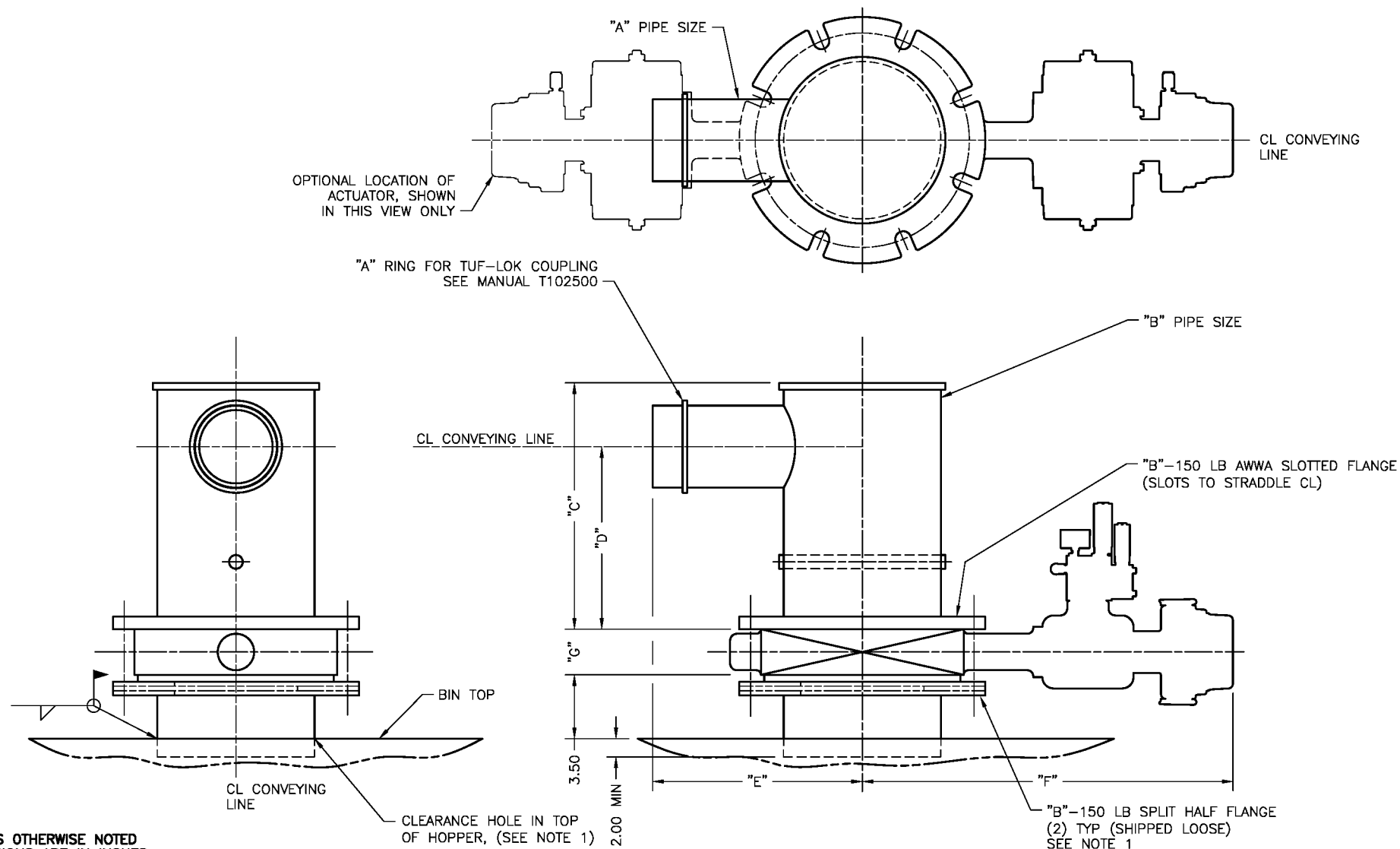
21. RECEIVING BINS AND STORAGE SILOS WITH DYNAMIC AIR SUPPLIED DUST COLLECTION AND/OR PRV'S MUST BE DESIGNED FOR 22" H₂O PRESSURE & 4" H₂O VACUUM. CUSTOMER SUPPLIED PRV'S SHALL BE SET FOR 14" H₂O PRESSURE AND 1.75" H₂O VACUUM. ANY DEVIATION MUST BE APPROVED BY DYNAMIC AIR IN WRITING.

22. GENERAL ARRANGEMENT DRAWINGS SENT FOR APPROVAL DEPICT PRELIMINARY DESIGNS FOR EQUIPMENT. FINAL DESIGNS WILL BE COMPLETED AFTER CUSTOMER APPROVAL OF THESE DRAWINGS. FINAL EQUIPMENT DESIGNS WILL BE SHOWN ON THE "CERTIFIED" GENERAL ARRANGEMENT DRAWINGS.


BY: BPS	DATE: 01/27/04	SCALE: NONE
GEN. BY: BT	ENGR. BY: BT	CHK. BY: BT
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THIS DRAWING REPLACES:		
NO.	DATE	REVISION
THIS DRAWING REPLACES BY:		
APPROVED BY:		
BY:		
IMPORTANT NOTES		
SHEET 4 OF 4		
DYNAMIC AIR Conveying Systems SAINT PAUL, MINNESOTA U.S.A. DRAWING NO. A-395-452		
REV. K		

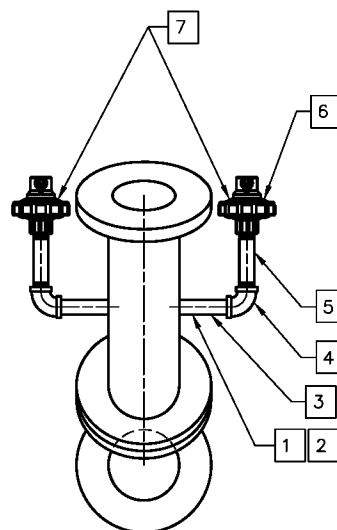
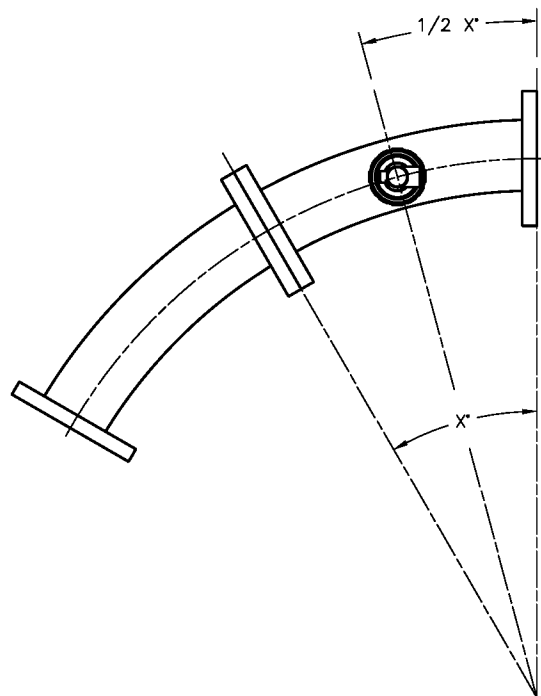
1. RECEIVING BINS SUPPLIED BY DYNAMIC AIR WILL HAVE A ROTATABLE INLET FLANGE TO INSURE ALIGNMENT BETWEEN THE CONVEYING LINE AND RECEIVER INLET. DYNAMIC AIR RECOMMENDS THAT RECEIVING BINS SUPPLIED BY THE CUSTOMER HAVE A SIMILAR INLET FLANGE, SEE DWG A-395-504 OR THAT THE FLANGE BE FIELD WELDED, TO INSURE ALIGNMENT BETWEEN CONVEYING COMPONENTS. SEE DWG A-395-229 FOR FLANGE REQUIREMENTS. SEE GENERAL ARRANGEMENT DRAWINGS FOR RECEIVER FLANGE LOCATIONS. CARE SHOULD BE TAKEN SO THAT THE CONVEYING LINE AND VALVE RECEIVER INLETS ARE IN LINE AND AT THE PROPER ELEVATION.

MODEL NO.	"A"	"B"	"C"	"D"	"E"	"F"	"G"	WEIGHT (LBS) VALUE	
								CARBON STL	304 SST
204	2"	4"	10.00	7.50	9.50	16.29	2.00	24	20
306	3"	6"	12.00	9.00	10.50	17.40	2.13	44	40
408	4"	8"	13.50	10.00	11.50	20.33	2.50	60	51
5010	5"	10"	15.75	11.50	14.50	21.02	2.50	81	65
6010	6"	10"	16.62	12.00	15.50	21.02	2.50	89	73
8012	8"	12"	22.25	16.00	14.00	25.98	3.00	140	105
10016	10"	16"	23.00	16.00	16.00	30.64	4.00	250	225

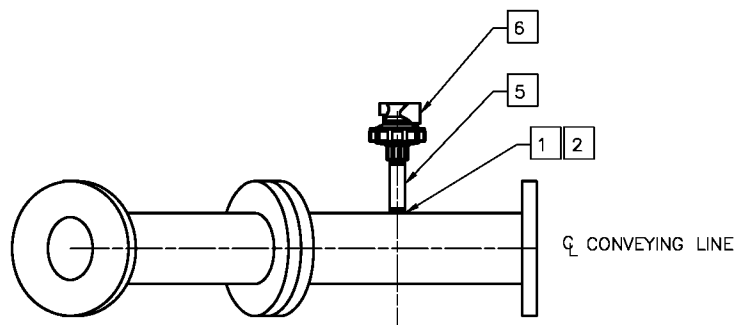
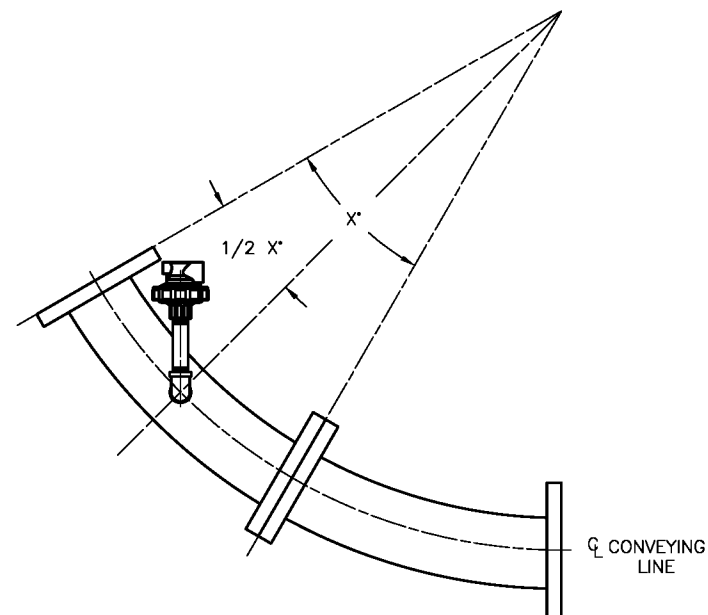


UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES

BY BPB	DATE 02/14/05	SCALE NONE								VALVE RECEIVER, END, FIELD WELD,	 DYNAMIC AIR Conveying Systems SAINT PAUL, MINNESOTA U.S.A.
GEN. BT	ENGR. BJL	CK. BJL								DIMENSION SHEET	
THIS DRAWING IS THE PROPERTY OF DYNAMIC AIR, INCORPORATED, WHO CLAIMS PROPRIETARY RIGHTS IN THE MATERIAL DISCLOSED. IT IS ISSUED IN CONFIDENCE FOR ENGINEERING INFORMATION ONLY AND MAY NOT BE COPIED OR USED FOR MANUFACTURE OF ANYTHING SHOWN WITHOUT SPECIFIC WRITTEN PERMISSION FROM DYNAMIC AIR.										(FOR TUF-LOK COUPLING)	
										(890 ACTUATOR/649 TRAK-LOK)	
	NO.	DATE	MICRO	REVISION NOTE				APPROV	BY		SHEET
THIS DRAWING REPLACES:				THIS DRAWING REPLACES BY:							DRAWING NO.
											1 of 1
											A-395-501
											REV. B



BEND IN VERTICAL PLANE

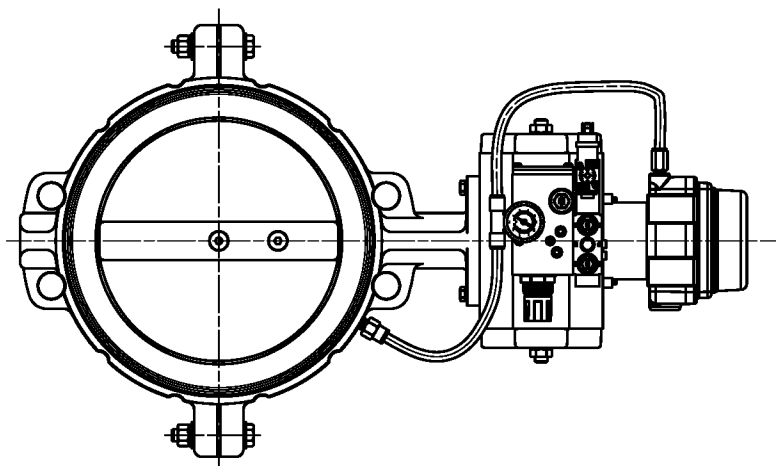


BEND IN HORIZONTAL PLANE

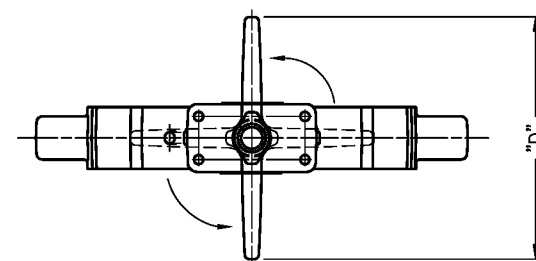
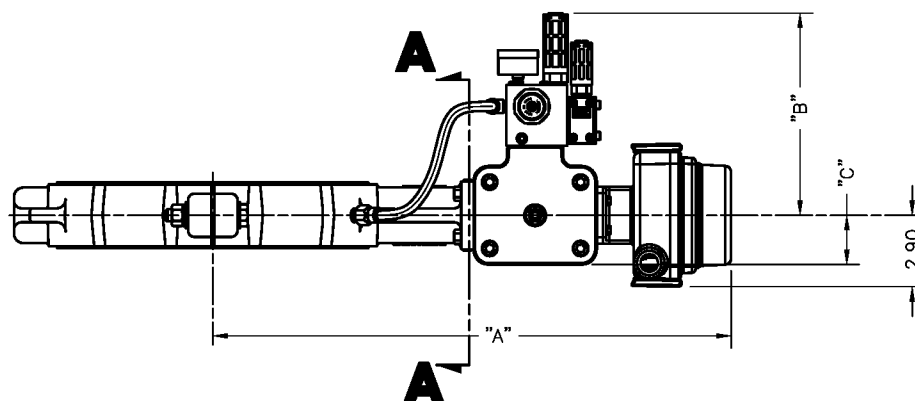
NOTES:

1. FIELD DRILL 23/32" DIA HOLE ON CENTERLINE OF PIPE
REMOVE ALL BURRS AND SHARP EDGES
2. TAP HOLE 1/2" NPT REMOVE ALL BURRS AND SHARP EDGES
3. INSERT 1/2" NPT PIPE NIPPLE
4. ATTACH 1/2" NPT 90° ELBOW
5. ATTACH 1/2" NPT X 4" LG PIPE NIPPLE
6. ATTACH DC-5 AIR SAVER
7. DC-5 AIR SAVER MAY BE LOCATED ON EITHER SIDE
OF BEND IN VERTICAL PLANE

BY: BAS	DATE 03/24/05	SCALE NONE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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VALVE SIZE	CLEARANCE DIMENSIONS FOR: POSI-FLATE BUTTERFLY VALVES (ALL SERIES)				
	-A-	-B-	-C-	-D-	APPROX WT
2	13.20	7.44	1.25	1.99	22 LBS
3	14.27	7.44	1.25	2.89	24 LBS
4	16.29	7.44	1.25	3.88	29 LBS
5	17.40	7.81	1.63	4.92	34 LBS
6	17.40	7.81	1.63	5.88	36 LBS
8	20.33	8.19	2.00	7.86	57 LBS
10	21.02	8.19	2.00	9.81	70 LBS
12	25.98	8.69	2.50	11.83	118 LBS
14	27.70	8.69	2.50	13.08	164 LBS
16	30.64	9.66	3.50	15.02	207 LBS
18	29.53	9.66	3.50	17.13	267 LBS
20	32.28	10.28	4.13	18.68	430 LBS
24	34.02	10.28	4.13	22.65	522 LBS
30	37.89	10.28	4.13	28.41	985 LBS



SECTION A-A

BY SKT DATE 08/03/05 SCALE 1-1/2"=1"
 GEN. BT ENGR. BJL CK. BJL
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NO.	DATE	MICRO	REVISION NOTE	APPROV	BY
THIS DRAWING REPLACES:			THIS DRAWING REPLACED BY:		

BUTTERFLY VALVE CLEARANCE DIMENSIONS
 SERIES 435, 436, 485, 486, 487 & 488
 (890 ACTUATOR/649 TRAK-LOK)

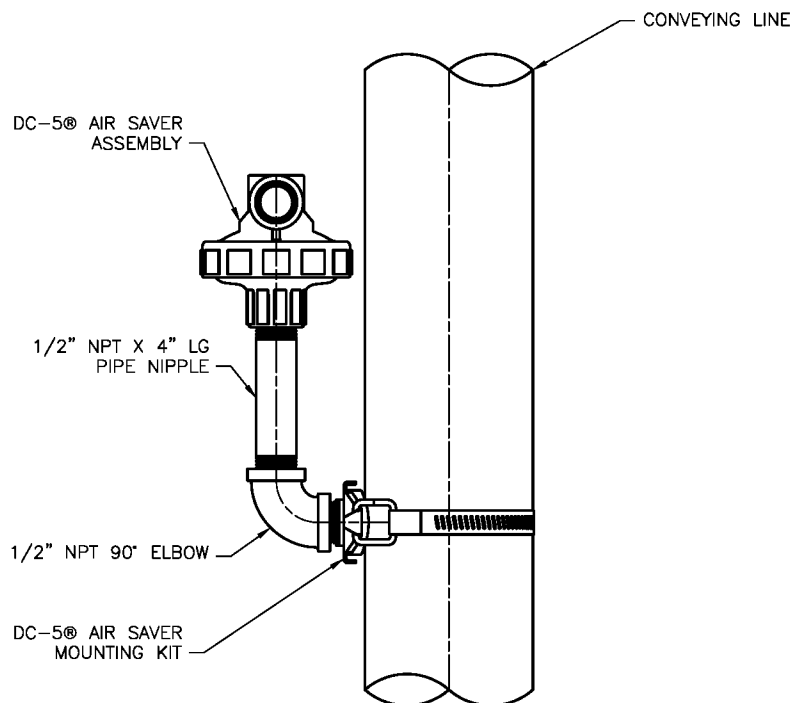
DYNAMIC AIR
 Conveying Systems
 SAINT PAUL, MINNESOTA U.S.A.

SHEET	DRAWING NO.	REV.
1 OF 1	A-395-509	D

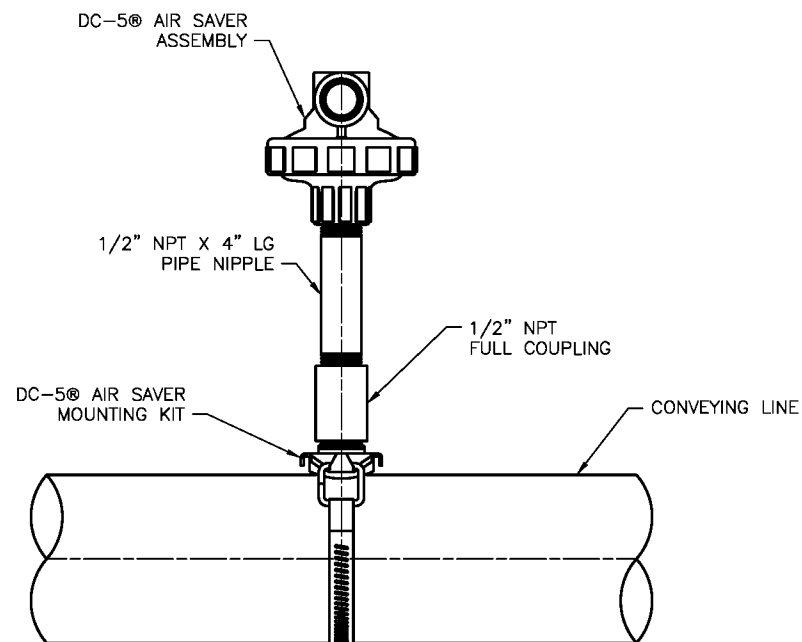
395-509.DWG

NOTE:

1. AFTER LOCATING AIR SAVER MOUNTING POSITION, FIELD DRILL A 1/2" HOLE ON CENTERLINE OF PIPE, REMOVE ALL BURRS AND SHARP EDGES.
2. INSTALL DC-5 AIR SAVER FITTING ACCORDING TO INSTALLATION AND OPERATIONS MANUAL DA030105.



**AIR SAVER FITTING INSTALLATION
(VERTICAL CONVEYING LINE)
NORMAL TEMPERATURE APPLICATION**



**AIR SAVER FITTING INSTALLATION
(HORIZONTAL CONVEYING LINE)
NORMAL TEMPERATURE APPLICATION**

BY: BPD DATE 12/10/13 SCALE 1/4"=1"

GEN. ENGR. JSO CK.

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NO. DATE MICRO
THIS DRAWING REPLACES:

REVISION NOTE
THIS DRAWING REPLACED BY:

APPROV BY

**DC-5 AIR SAVER INSTALLATION
NORMAL TEMPERATURE APPLICATIONS
DC-5 MOUNTING KIT
VERTICAL AND HORIZONTAL CONVEYING LINE**

DYNAMIC AIR
Conveying Systems
SAINT PAUL, MINNESOTA U.S.A.

SHEET
1 OF 1

DRAWING NO.
A-395-568

REV.

1. TUBING LENGTH MUST NOT EXCEED 18" BETWEEN THE FLOW VALVE AND THE DC-5 AIR SAVER.
2. THE DC-5 AIR SAVER MUST BE MOUNTED IN THE POSITION AS SHOWN WITH AIR FLOW IN VERTICAL POSITION. REFER TO THE DC-5 AIR SAVER INSTALLATION MANUAL DA030105 FOR DC-5 AIR SAVER MOUNTING INSTRUCTIONS.
3. REMOVE THE 1/8"-NPT PLUG AND INSTALL GAUGES AS REQUIRED.

