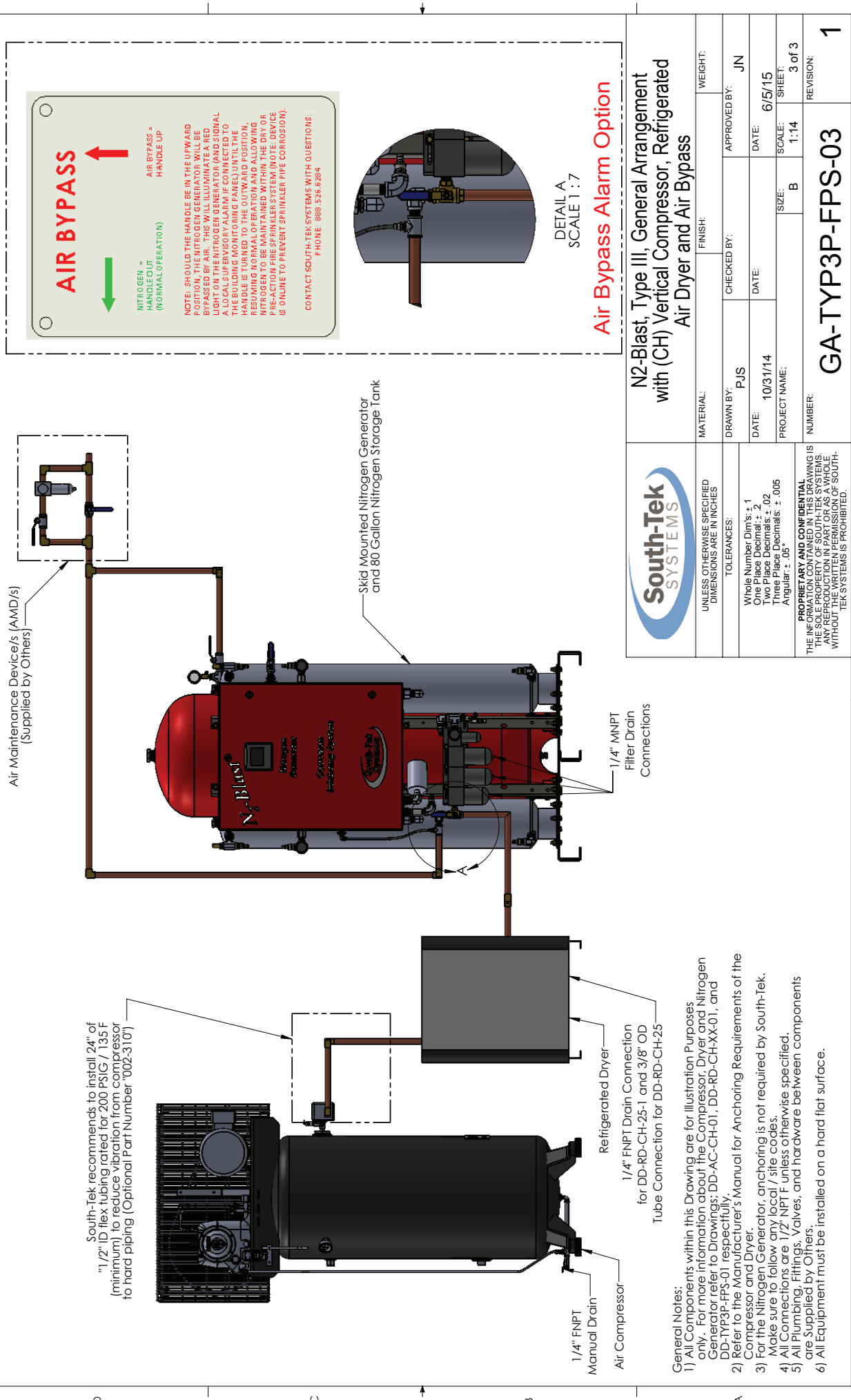


1 2 3 4 5 6 7 8



AIR BYPASS

←

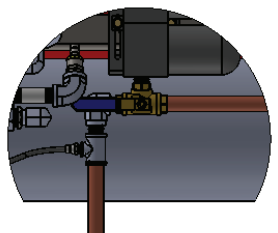
NITROGEN =
HANDLE OUT
(NORMAL OPERATION)

↑

AIR BYPASS =
HANDLE UP

NOTE: SHOULD THE HANDLE BE IN THE UPWARD POSITION, THE NITROGEN GENERATOR WILL BE BYPASSED BY AIR. THIS WILL ILLUMINATE A RED LIGHT ON THE NITROGEN GENERATOR (AND SIGNAL A LOCAL SUPERVISORY ALARM IF CONNECTED TO A LOCAL SUPERVISORY ALARM). THE HANDLE SHOULD BE TURNED TO THE OUTWARD POSITION, RESUMING NORMAL OPERATION AND ALLOWING NITROGEN TO BE MAINTAINED WITHIN THE DRY OR PRE-ACTION FIRE SPRINKLER SYSTEM (NOTE: DEVICE IS ONLINE TO PREVENT SPRINKLER PIPE CORROSION).

CONTACT SOUTH-TEK SYSTEMS WITH QUESTIONS:
PHONE: 888-526-6284



DETAIL A
SCALE 1 : 7

Air Bypass Alarm Option

	N2-Blast, Type III, General Arrangement with (CH) Vertical Compressor, Refrigerated Air Dryer and Air Bypass	
	MATERIAL: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	FINISH: APPROVED BY: JN
TOLERANCES: Whole Number Dim's: ± .1 One Place Decimals: ± .2 Two Place Decimals: ± .02 Three Place Decimals: ± .005 Angular: ± .05	DRAWN BY: PJS	CHECKED BY: DATE: 6/5/15
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF SOUTH-TEK SYSTEMS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SOUTH-TEK SYSTEMS IS PROHIBITED.	DATE: 10/31/14	SCALE: 1:14
	PROJECT NAME: B	SHEET: 3 of 3
	REVISION: 1	
GA-TYP3P-FPS-03		

- General Notes:
- 1) All Components within this Drawing are for Illustration Purposes only. For more information about the Compressor, Dryer and Nitrogen Generator refer to Drawings: DD-AC-CH-01, DD-RD-CH-XX-01, and DD-TYP3P-FPS-01 respectively.
 - 2) Refer to the Manufacturer's Manual for Anchoring Requirements of the Compressor and Dryer.
 - 3) For the Nitrogen Generator, anchoring is not required by South-Tek. Make sure to follow any local / site codes.
 - 4) All Connections are 1/2" NPT F unless otherwise specified.
 - 5) All Plumbing, Fittings, Valves, and hardware between components are Supplied by OI sets.
 - 6) All Equipment must be installed on a hard flat surface.

South-Tek recommends to install 24" of 1/2" ID flex tubing rated for 200 PSIG / 135 F (minimum) to reduce vibration from compressor to hard piping (Optional Part Number '002-310')

Air Maintenance Device/s (AMD/s) (Supplied by Others)

Skid Mounted Nitrogen Generator and 80 Gallon Nitrogen Storage Tank

1/4" MNPT Filter Drain Connections

Refrigerated Dryer
1/4" FNPT Drain Connection for DD-RD-CH-25-1 and 3/8" OD Tube Connection for DD-RD-CH-25

1/4" FNPT Manual Drain
Air Compressor

1 2 3 4 5 6 7 8