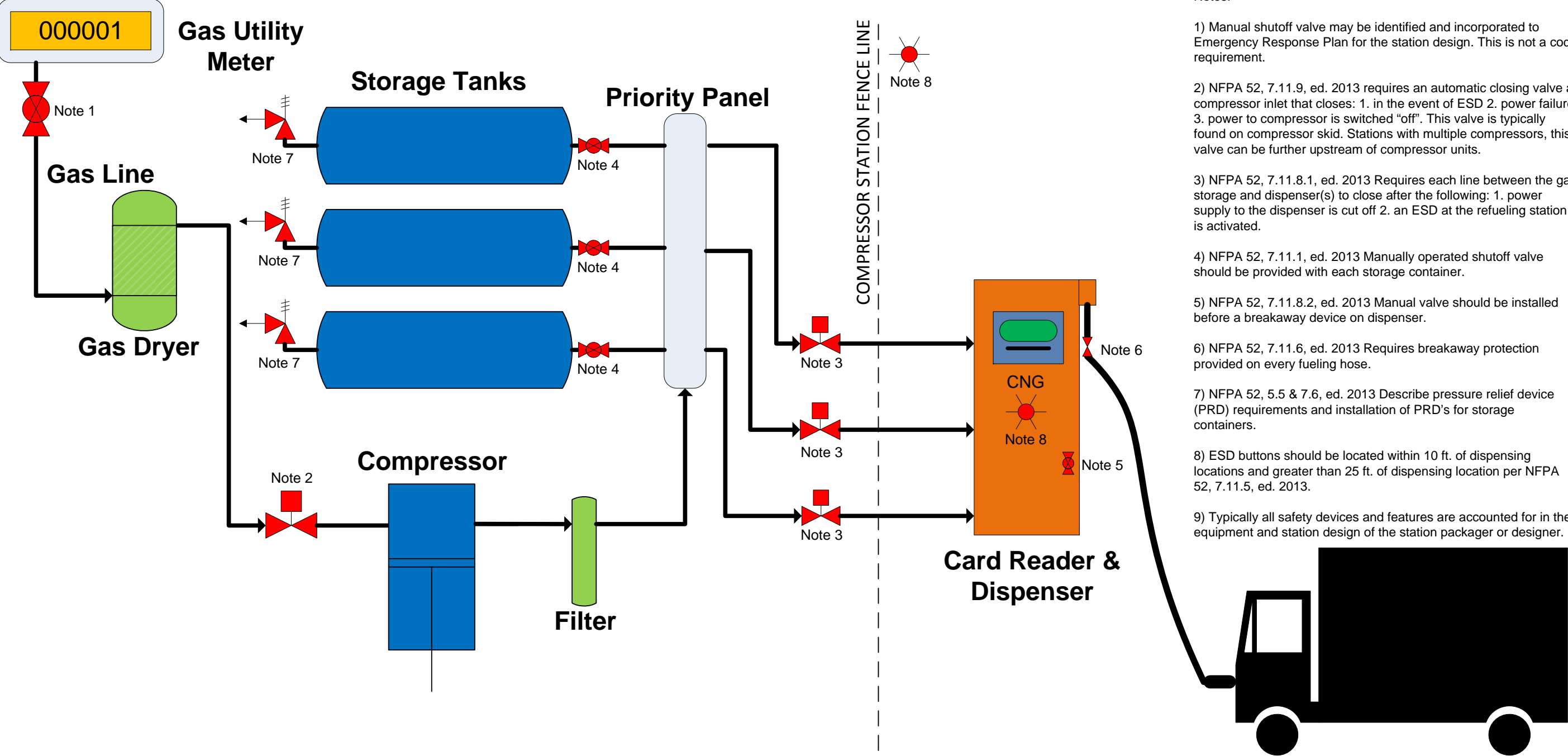


Commercial Outdoor CNG Station



- Notes:
- 1) Manual shutoff valve may be identified and incorporated to Emergency Response Plan for the station design. This is not a code requirement.
 - 2) NFPA 52, 7.11.9, ed. 2013 requires an automatic closing valve at compressor inlet that closes: 1. in the event of ESD 2. power failure 3. power to compressor is switched "off". This valve is typically found on compressor skid. Stations with multiple compressors, this valve can be further upstream of compressor units.
 - 3) NFPA 52, 7.11.8.1, ed. 2013 Requires each line between the gas storage and dispenser(s) to close after the following: 1. power supply to the dispenser is cut off 2. an ESD at the refueling station is activated.
 - 4) NFPA 52, 7.11.1, ed. 2013 Manually operated shutoff valve should be provided with each storage container.
 - 5) NFPA 52, 7.11.8.2, ed. 2013 Manual valve should be installed before a breakaway device on dispenser.
 - 6) NFPA 52, 7.11.6, ed. 2013 Requires breakaway protection provided on every fueling hose.
 - 7) NFPA 52, 5.5 & 7.6, ed. 2013 Describe pressure relief device (PRD) requirements and installation of PRD's for storage containers.
 - 8) ESD buttons should be located within 10 ft. of dispensing locations and greater than 25 ft. of dispensing location per NFPA 52, 7.11.5, ed. 2013.
 - 9) Typically all safety devices and features are accounted for in the equipment and station design of the station packager or designer.

REVISIONS		
REV	DESCRIPTION	DATE
0	ISSUED AS REFERENCE FOR	02-20-2014

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SIZE	PROJECT NO	DWG NO	REV
-	21415	CNG-300	
DRAWN BY	SCALE	FILENAME	SHEET
GTI	TBD	21415-CNG PFD.VSD	1 OF 1