

NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	11C	#2 C/T BLOCK VALVE
2C	8" LOAD VALVE	12C	#2 C/T SUCTION VALVE
3C	#1 C/T SUCTION VALVE	13C	#1 C/T BLOCK VALVE
4C	8" DISCHARGE VALVE	19C	8" CARGO HEADER
5C	8" HEADER VALVE	30C	10" CARGO PIPELINE
8C	6" RELIEF VALVE	31C	BYPASS VALVE
9C	8" CHECK VALVE	37C	CARGO DROP
			— ABOVE DECK PIPING
			- - - BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

TRINITY MARINE – EX. WTC 3007–3008

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	03/12/18	WFB	DDA		REVISED PER CLIENT COMMENTS
0	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

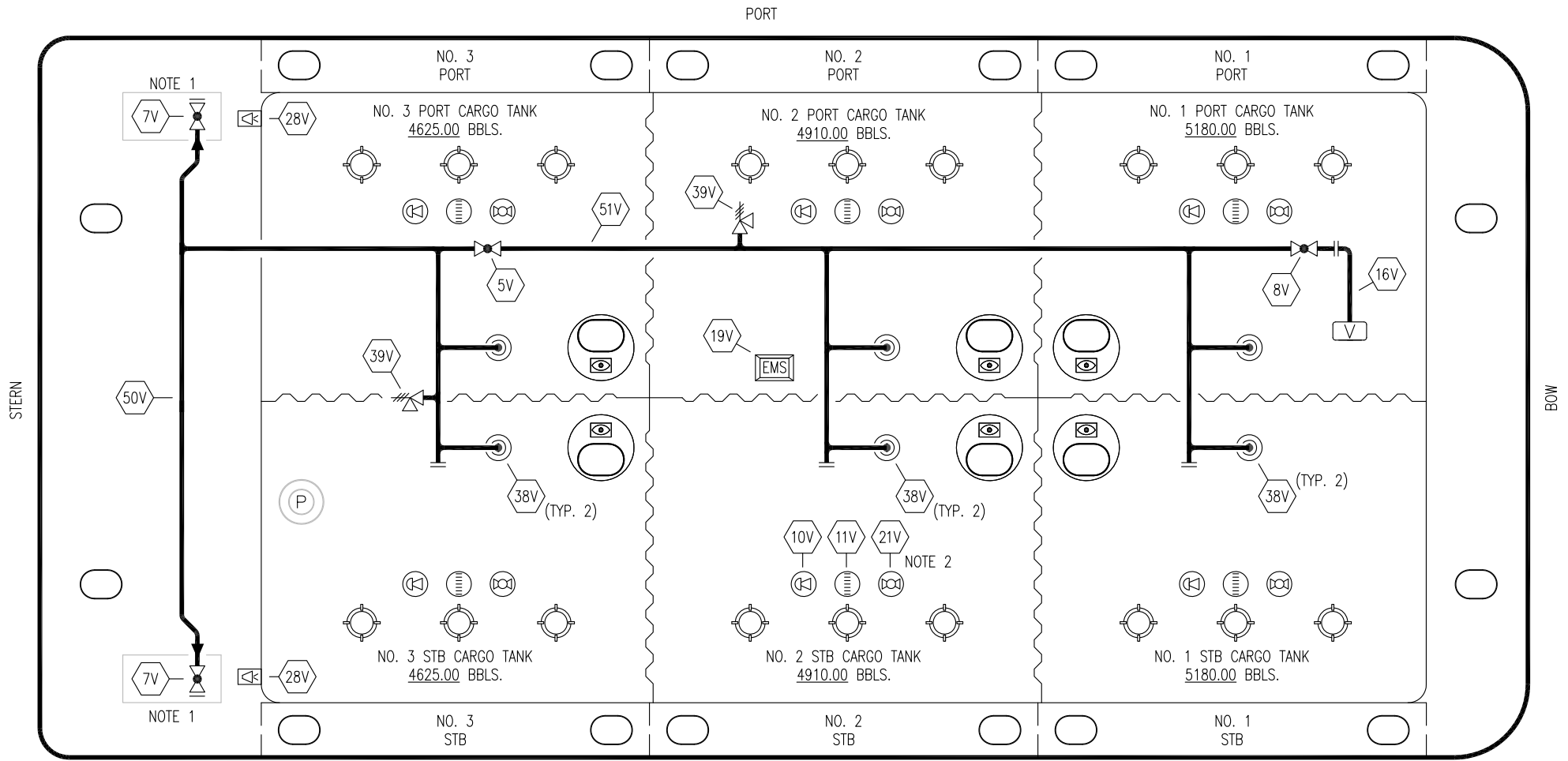
KIRBY INLAND MARINE 

**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 1 OF 3

KIRBY 30078

REV. **1**



NO	DESCRIPTION	NO	DESCRIPTION
5V	BLOCK VALVE	28V	DOCK CONNECTION ALARM
7V	HEADER VALVE	38V	VAPOR DROP OR PENETRATION
8V	VENT STACK VALVE	39V	PRESSURE/VACUUM RELIEF VALVE
10V	HIGH LEVEL/OVERFILL ALARM	50V	VAPOR HEADER
11V	GAUGE STICK	51V	VAPOR PIPELINE
16V	VAPOR VENT STACK		— ABOVE DECK PIPING
19V	EMERGENCY SHUT DOWN		- - - BELOW DECK PIPING
21V	HERMETIC GAUGE		

NOTE 2: TYPICAL RIGGING IN EACH TANK
 NOTE 1: CONTAINMENT P/S

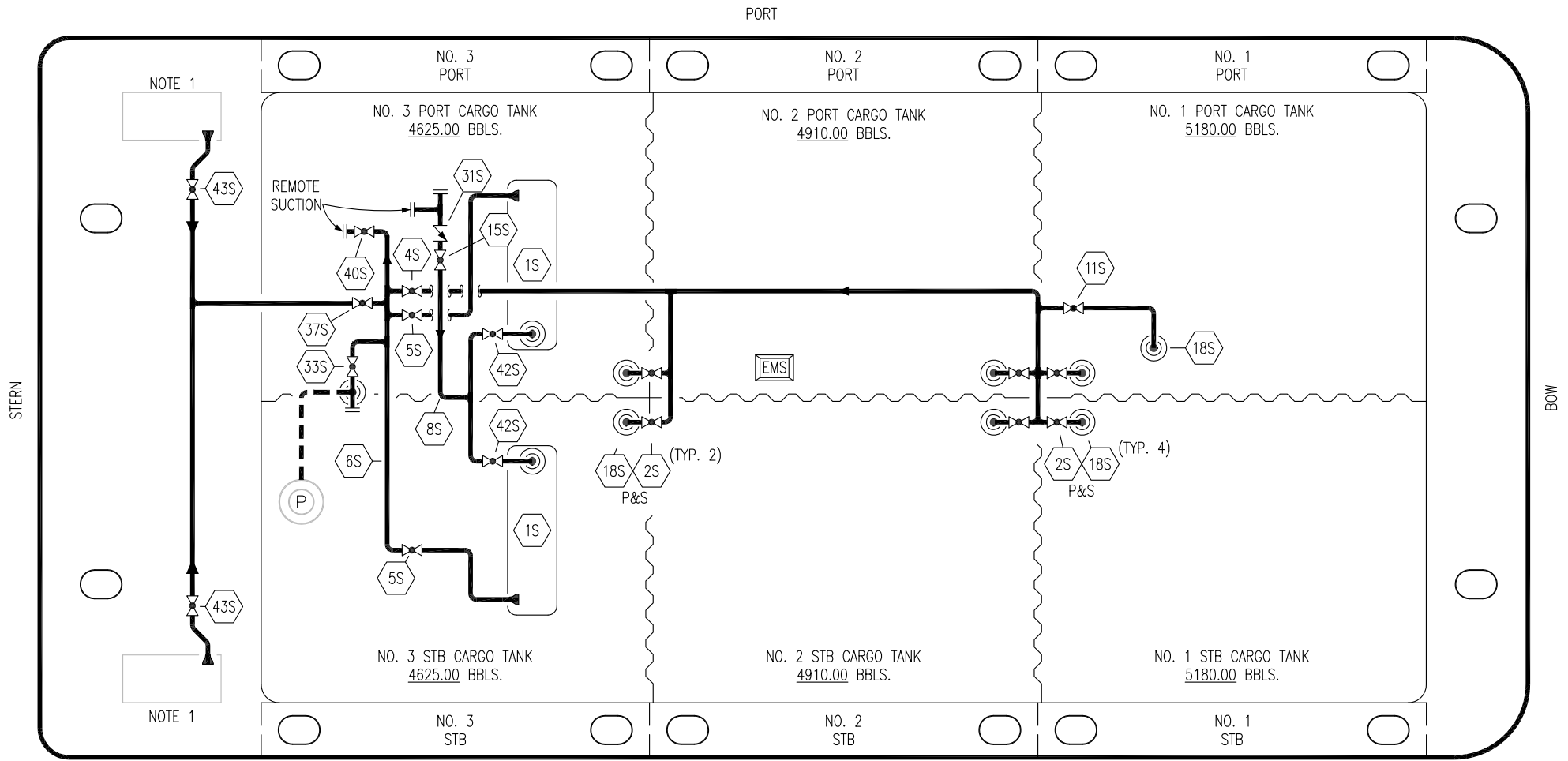
TRINITY MARINE – EX. WTC 3007–3008

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

VAPOR
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 30078	REV. 0
PAGE: 2 OF 3		



NO	DESCRIPTION	NO	DESCRIPTION
1S	SLOP TANK	31S	CHECK VALVE
2S	CARGO SUMP SUCTION VALVE	33S	PUMP WELL SUCTION VALVE
5S	SLOP TANK SUCTION VALVE	37S	BLOCK VALVE
6S	SUCTION HEADER PIPING	40S	HEADER SUCTION VALVE
8S	DISCHARGE HEADER PIPING	42S	SLOP TANK FILL VALVE
15S	HEADER DISCHARGE VALVE	43S	DRIP PAN SUCTION VALVE
18S	STRIPPING DROP		

— ABOVE DECK PIPING
 - - - BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

TRINITY MARINE – EX. WTC 3007–3008

KIRBY INLAND MARINE

**STRIPPING
PIPING FLOW DIAGRAM**

KIRBY 30078

SCALE: NONE
PAGE: 3 OF 3

REV. **0**