

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
10C	BURP VALVE		ABOVE DECK PIPING
			BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

TRINITY MARINE – EX. WTC 3007–3008

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
3	01/07/20	MRV	DDA		REVISED PER CLIENT COMMENTS
2	03/02/18	WFB	DDA		REVISED PER CLIENT COMMENTS
1	02/13/18	WFB	DDA		REVISED PER CLIENT COMMENTS
0	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

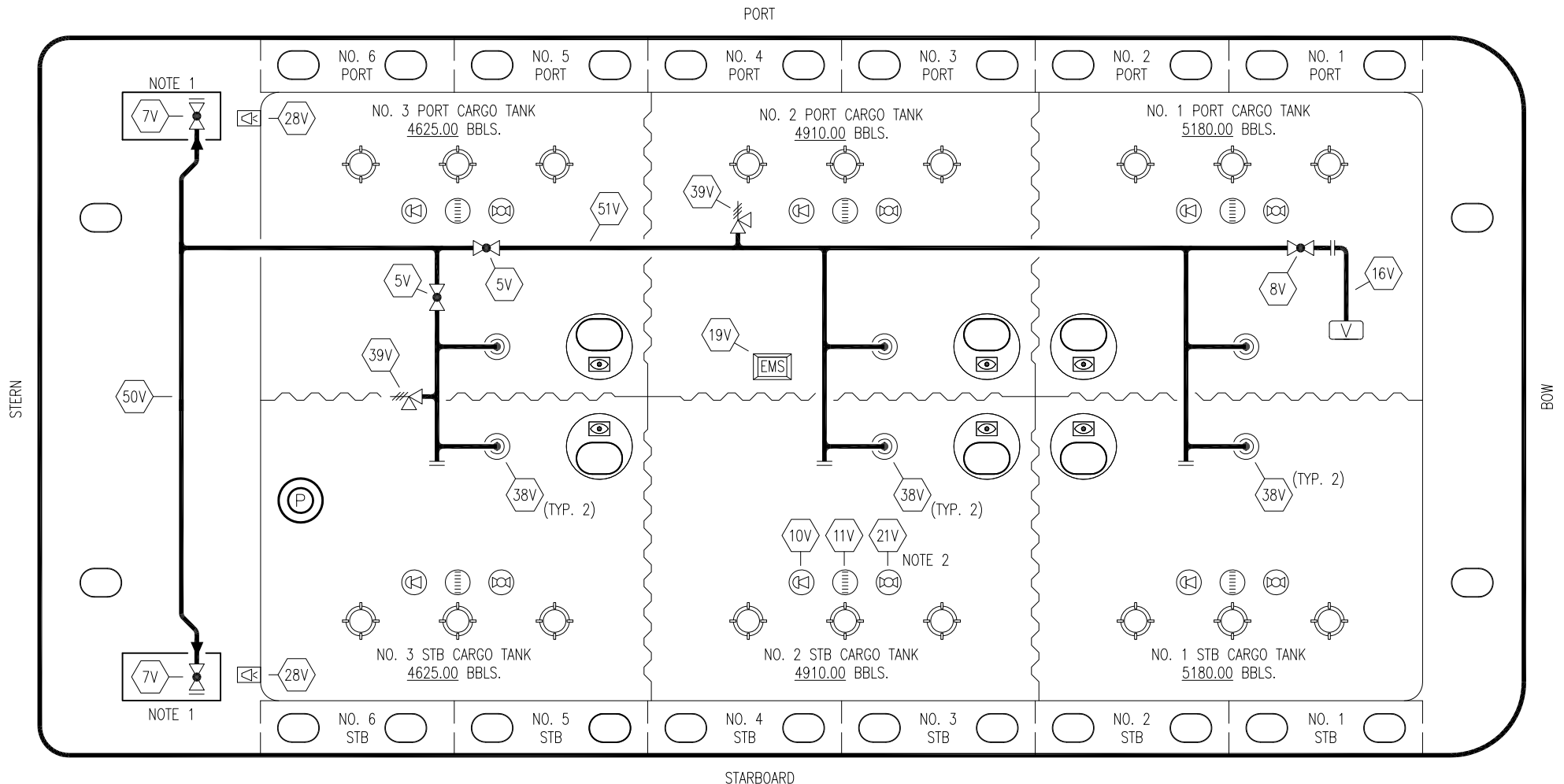
KIRBY INLAND MARINE

**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 1 OF 3

KIRBY 30076

REV. **3**



- | | | | |
|-----|---------------------------|-------|-------------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 5V | BLOCK VALVE | 28V | DOCK CONNECTION ALARM |
| 7V | HEADER VALVE | 38V | VAPOR DROP OR PENETRATION (P) |
| 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

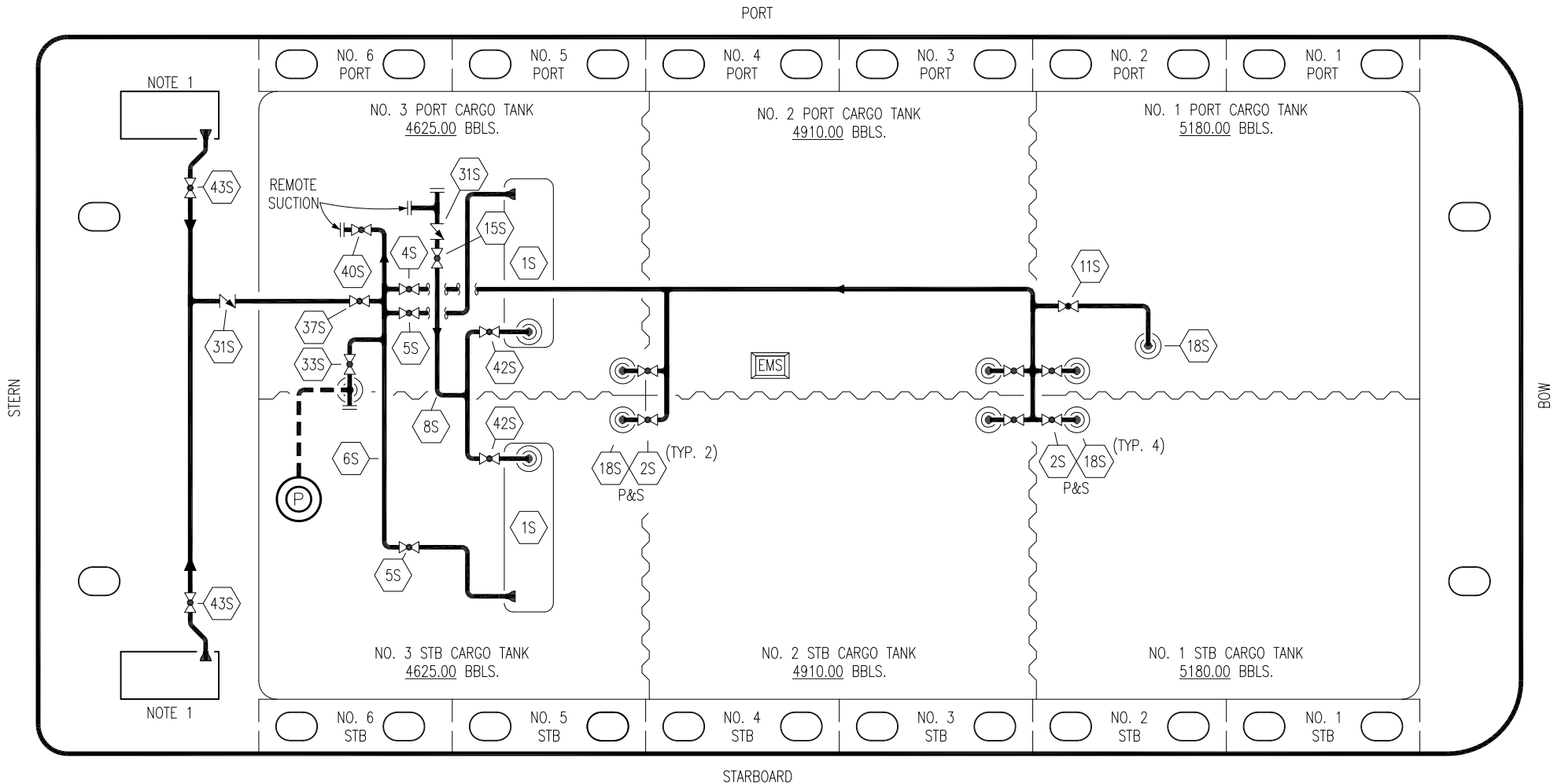
TRINITY MARINE – EX. WTC 3007–3008

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	01/07/20	MRV	DDA		REVISED PER CLIENT COMMENTS
1	02/13/18	WFB	DDA		REVISED PER CLIENT COMMENTS
0	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

VAPOR
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 30076	PAGE: 2 OF 3
		REV. 2



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	—	—
		—	—
		—	—

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	01/07/20	MRV	DDA		REVISED PER CLIENT COMMENTS
1	02/13/18	WFB	DDA		REVISED PER CLIENT COMMENTS
0	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

TRINITY MARINE – EX. WTC 3007–3008

KIRBY INLAND MARINE

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 3 OF 3

KIRBY 30076

REV. **2**