




STERN

BOW

PORT

STARBOARD

- |    |                          |   |  |
|----|--------------------------|---|--|
| NO | DESCRIPTION              | NO  | DESCRIPTION  |
| 1C | 8" CARGO TANK VALVE      | 19C   | 8" CARGO HEADER  |
| 2C | 8" LOAD VALVE            | 30C   | 10" CARGO PIPELINE   |
| 3C | 10" MASTER SUCTION VALVE | 31C   | BYPASS VALVE   |
| 4C | 8" DISCHARGE VALVE       | 37C   | CARGO DROP  |
| 5C | 8" HEADER VALVE          |  | ABOVE DECK PIPING  |
| 8C | 6" RELIEF VALVE          |  | BELOW DECK PIPING  |
| 9C | 8" CHECK VALVE           |   |  |

NOTE 1: CONTAINMENT P/S

TRINITY MARINE -- EX. WTC 3004

0	06/30/20	MRV	DDA	JF	REVISED BARGE NAME
A	11/16/16	WFB	DDA		ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

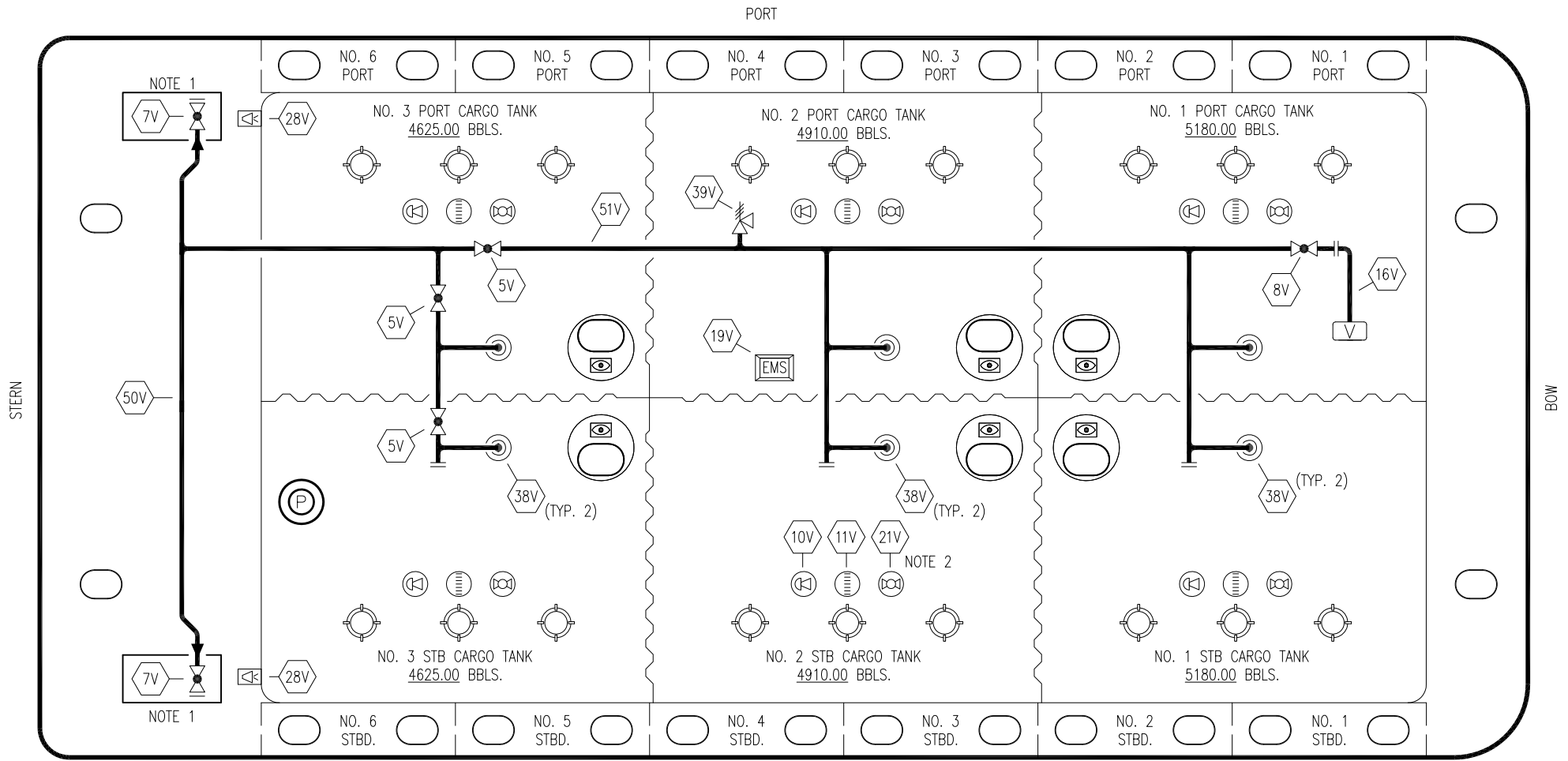
KIRBY INLAND MARINE 

**CARGO  
PIPING FLOW DIAGRAM**

SCALE: NONE  
PAGE: 1 OF 3

**KIRBY 30073**

REV. **0**



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	—	—
19V	EMERGENCY SHUT DOWN	—	—
21V	HERMETIC GAUGE	—	—

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

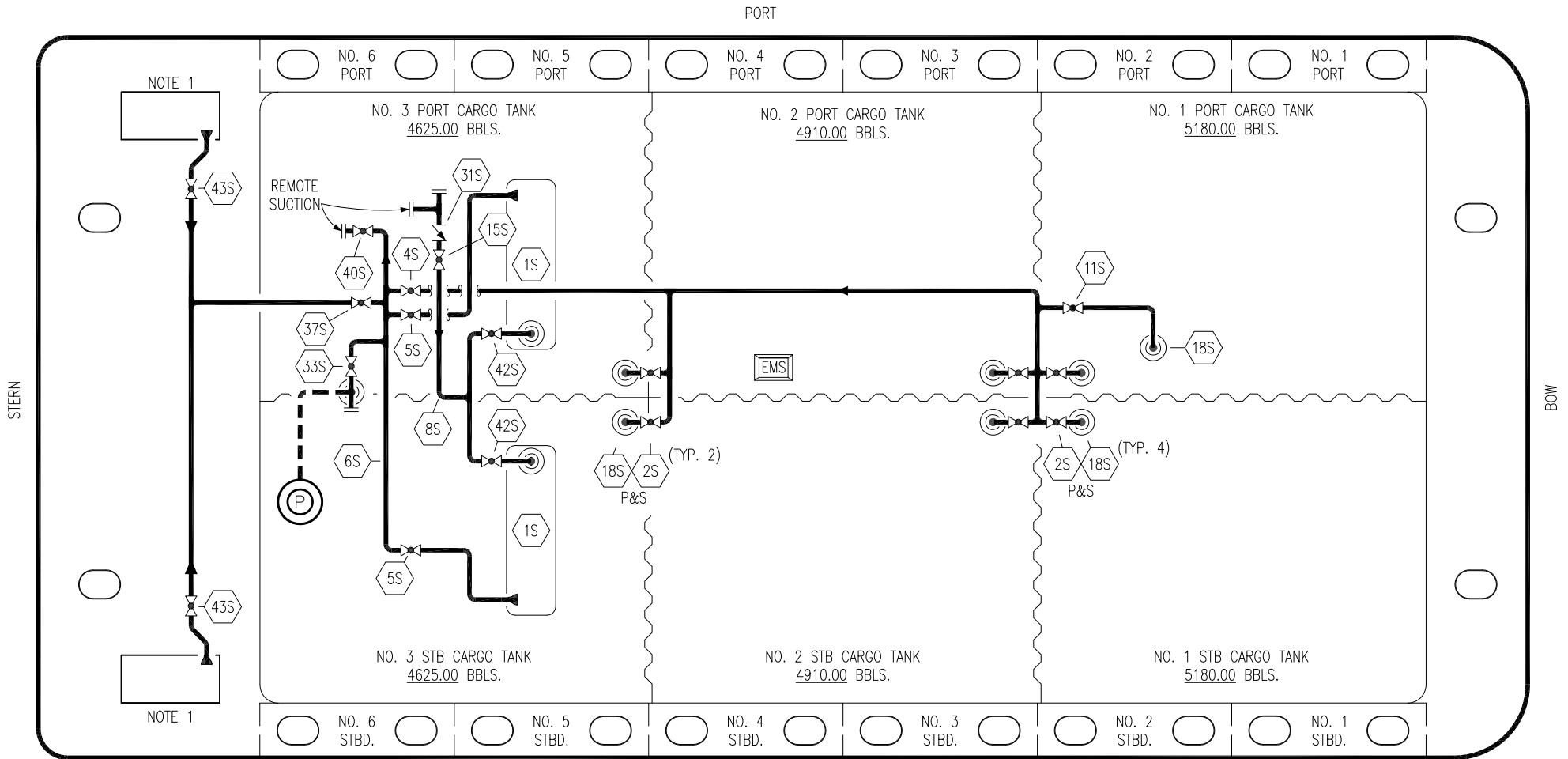
TRINITY MARINE — EX. WTC 3004

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	06/30/20	MRV	DDA	JF	REVISED BARGE NAME
A	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

VAPOR  
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 30073	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

TRINITY MARINE — EX. WTC 3004

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	06/30/20	MRV	DDA	JF	REVISED BARGE NAME
A	11/16/16	WFB	DDA		ISSUED FOR APPROVAL

**KIRBY INLAND MARINE**

**STRIPPING**

**PIPING FLOW DIAGRAM**

**KIRBY 30073**

SCALE: NONE	REV. 0
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