

- |    |                      |     |                          |
|----|----------------------|-----|--------------------------|
| NO | DESCRIPTION          | NO  | DESCRIPTION              |
| 1C | CARGO TANK VALVE     | 13C | CARGO PIPING BLOCK VALVE |
| 2C | LOAD VALVE           | 19C | CARGO HEADER             |
| 3C | MASTER SUCTION VALVE | 30C | CARGO PIPELINE           |
| 4C | DISCHARGE VALVE      | 31C | BYPASS VALVE             |
| 5C | HEADER VALVE         | 36C | PRESSURE GAUGE           |
| 6C | SALVAGE VALVE        | 37C | CARGO DROP               |
| 8C | RELIEF VALVE         |     | ABOVE DECK PIPING        |
| 9C | CHECK VALVE          |     | BELOW DECK PIPING        |

NOTE 1: CONTAINMENT P/S

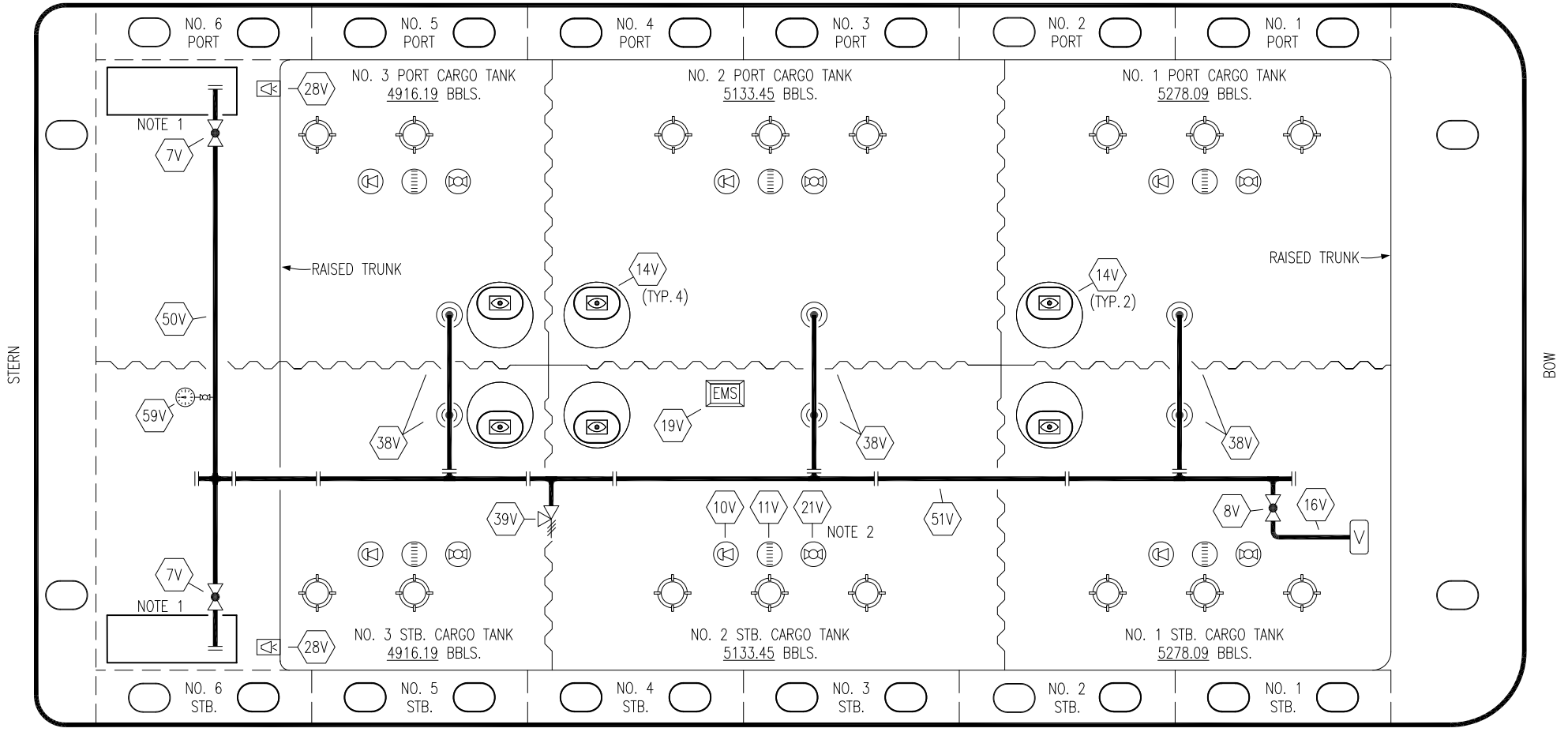
0	08/27/19	NRB	DDA	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP
				REVISION DESCRIPTION

KIRBY INLAND MARINE

CARGO  
PIPING FLOW DIAGRAM

SCALE: NONE	MMI 3020	REV. 0
PAGE: 1 OF 3		

PORT



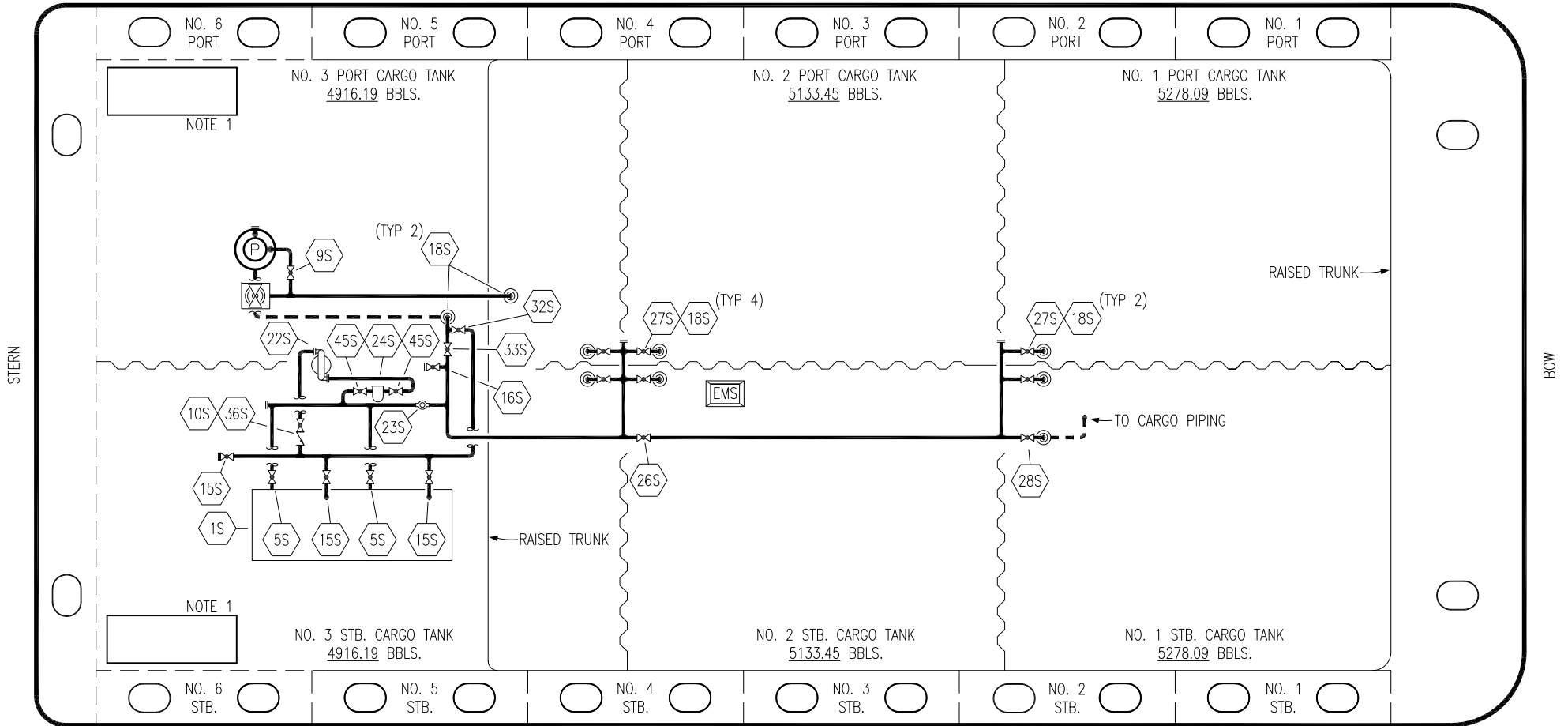
STARBOARD

- |     |                            |          |                       |
|-----|----------------------------|----------|-----------------------|
| NO  | DESCRIPTION                | NO       | DESCRIPTION           |
| 7V  | 8" HEADER VALVE            | 28V      | DOCK CONNECTION ALARM |
| 8V  | 8" VENT STACK VALVE        | 38V      | 8" VAPOR PENETRATION  |
| 10V | HIGH LEVEL/OVERFILL ALARM  | 39V      | PRESSURE/VACUUM VALVE |
| 11V | 1-METER GAUGE STICK        | 50V      | 8" VAPOR HEADER       |
| 14V | SIGHT GLASS                | 51V      | 8" VAPOR PIPELINE     |
| 16V | VAPOR VENT STACK           | 59V      | PRESS/VAC GAUGE       |
| 19V | EMERGENCY ENGINE SHUT DOWN | <b>—</b> | ABOVE DECK PIPING     |
| 21V | 2" HERMETIC GAUGE          |          |                       |

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

					<b>KIRBY INLAND MARINE</b>	
					<b>VAPOR PIPING FLOW DIAGRAM</b>	
0	08/27/19	NRB	DDA		ISSUED FOR APPROVAL	SCALE: NONE
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	PAGE: 2 OF 3
					<b>MMI 3020</b>	
					REV. <b>0</b>	

PORT



STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
1S	SLOP TANK	26S	STRIPPING HEADER BLOCK VALVE
5S	SLOP TANK SUCTION VALVE	27S	SUMP SUCTION VALVE
9S	BURP VALVE	28S	CARGO PIPING SUCTION
10S	STRIPPING PUMP CHECK VALVE	32S	PUMP WELL PRIMER VALVE
15S	DISCHARGE VALVE	33S	PUMP WELL SUCTION
16S	REMOTE SUCTION CONNECTION	36S	STRIPPING PUMP DISCHARGE
18S	TYP. STRIPPING PENETRATION	45S	STRIPPING PUMP SUCTION
22S	STRIPPING PUMP	—	— ABOVE DECK PIPING
24S	STRAINING POT	- - -	- - - BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	08/27/19	NRB	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE 

**STRIPPING  
PIPING FLOW DIAGRAM**

SCALE: NONE  
PAGE: 3 OF 3

**MMI 3020**

REV. **0**