

NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	30C	10" CARGO PIPELINE
2C	8" LOAD VALVE	31C	2" BYPASS VALVE
3C	10" MASTER SUCTION VALVE	34S	2" DEEP WELL STRIPPING VALVE
4C	6" DISCHARGE VALVE	35S	2" STRIPPING VALVE
5C	8" HEADER VALVE	37C	CARGO DROP
8C	6" RELIEF VALVE	—	— ABOVE DECK PIPING
9C	8" CHECK VALVE	---	--- BELOW DECK PIPING
13C	10" CARGO PIPING BLOCK VALVE		
19C	8" CARGO HEADER		

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	04/03/24	AC	DDA	TFB	REVISED PER CLIENT COMMENTS
1	03/10/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL

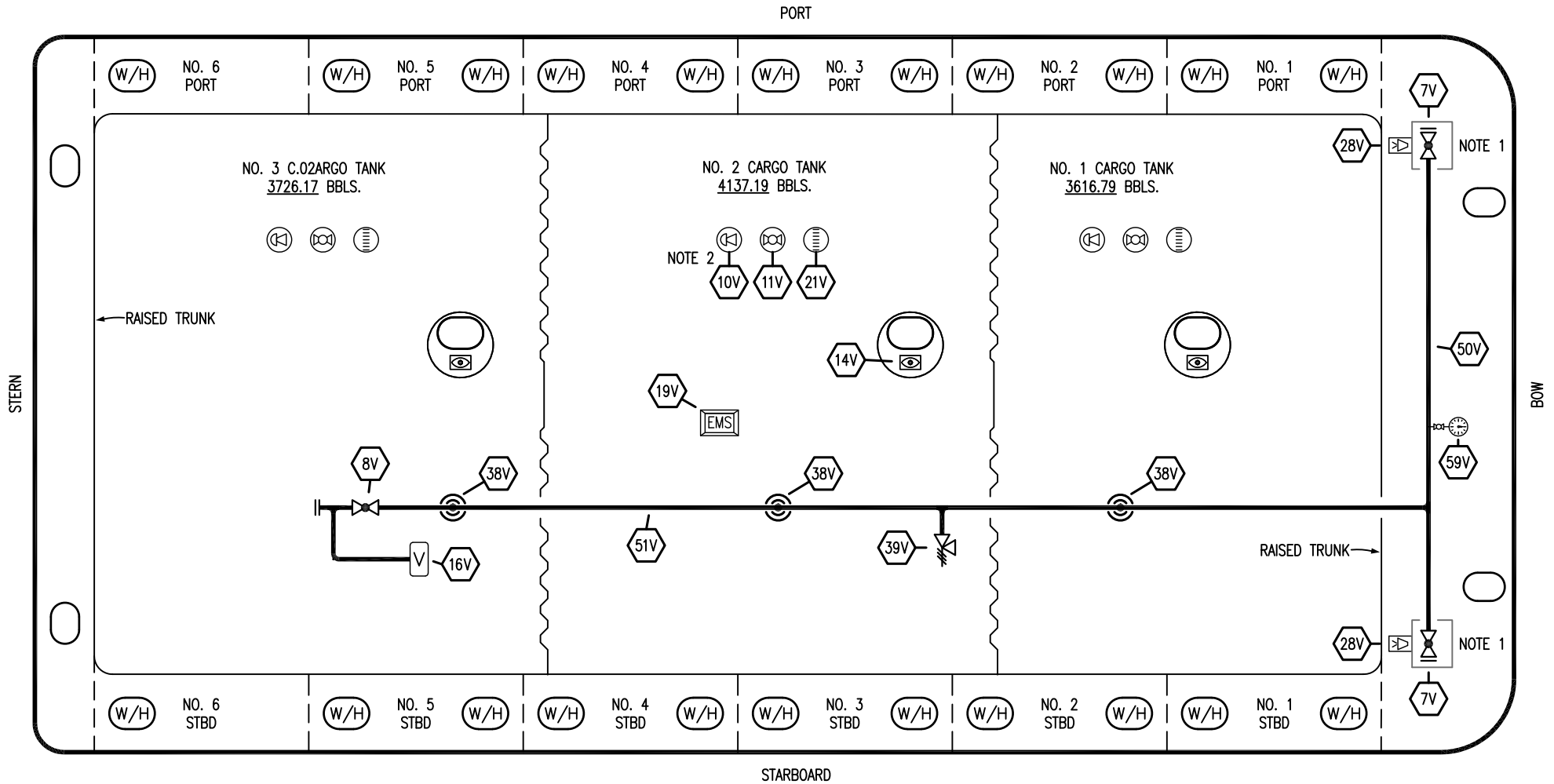
EX: CGBM 123

KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

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|-----|----------------------------|-----|-----------------------|
| 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 | — | ABOVE DECK PIPING |
| 21V | 2" HERMETIC GAUGE | | |

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|-----|-----------------------|
| NO | DESCRIPTION |
| 28V | DOCK CONNECTION ALARM |
| 38V | 8" VAPOR PENETRATION |
| 39V | PRESSURE/VACUUM VALVE |
| 50V | 8" VAPOR HEADER |
| 51V | 8" VAPOR PIPELINE |
| 59V | PRESS/VAC GAUGE |
| — | ABOVE DECK PIPING |

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

EX: CGBM 123

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	04/03/24	AC	DDA	TFB	REVISED PER CLIENT COMMENTS
1	03/10/20	MRV	DDA		REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

SCALE: NONE	KIRBY 11346
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