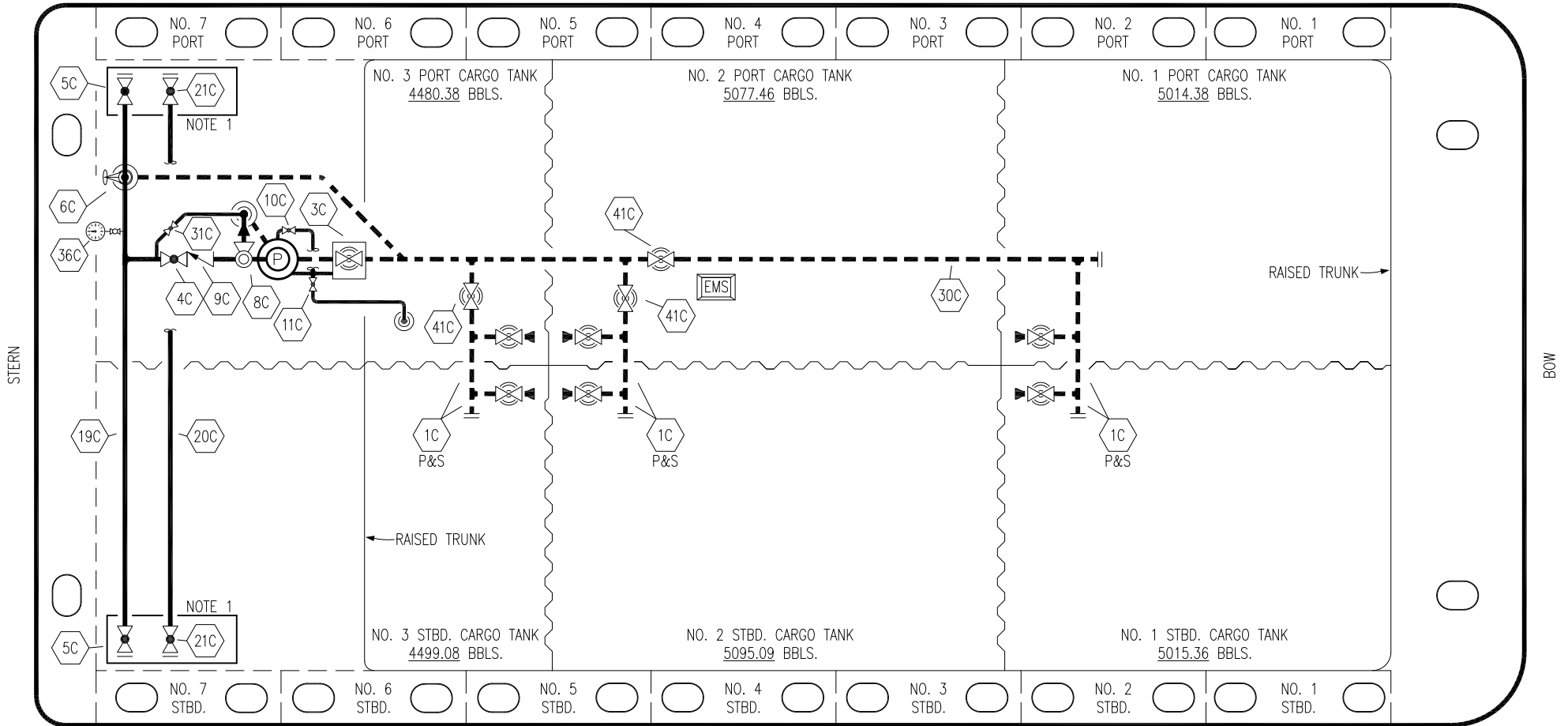


PORT



STERN

BOW


STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
1C	CARGO TANK VALVE	19C	CARGO HEADER
2C	LOAD VALVE	20C	DUMMY PIPELINE
3C	MASTER SUCTION VALVE	21C	DUMMY HEADER VALVE
4C	DISCHARGE VALVE	30C	CARGO PIPELINE
5C	HEADER VALVE	31C	BYPASS VALVE
6C	SALVAGE VALVE	36C	PRESSURE GAUGE
8C	RELIEF VALVE	37C	CARGO DROP
9C	CHECK VALVE	41C	SUCTION BLOCK VALVE
10C	BURP VALVE	—	— ABOVE DECK PIPING
11C	BLEED OFF VALVE	- - -	BELOW DECK PIPING
12C	BURP VALVE RETURN TO CARGO TANK		

NOTE 1: CONTAINMENT P/S

EX: SMS 30060

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	08/12/21	MRV	DDA	CW	ISSUED FOR APPROVAL



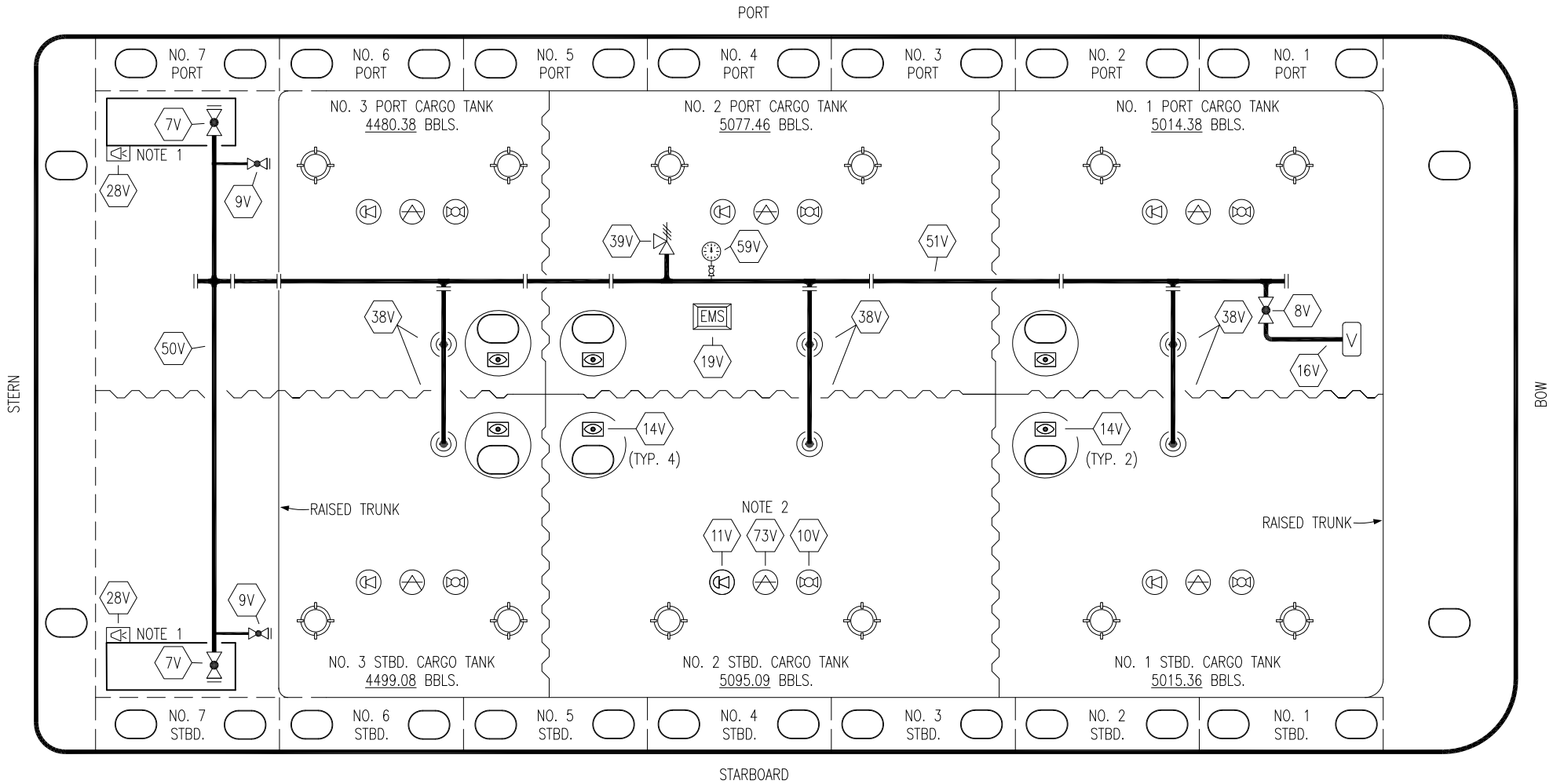
KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

KIRBY 29154

SCALE: NONE	REV. 0
PAGE: 1 OF 3	



- | | | | |
|-----|----------------------------|-----|-----------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 7V | 8" HEADER VALVE | 38V | 8" VAPOR PENETRATION |
| 8V | 8" VENT STACK VALVE | 39V | PRESSURE/VACUUM VALVE |
| 9V | DRAIN VALVE | 50V | 8" VAPOR HEADER |
| 10V | HIGH LEVEL/OVERFILL ALARM | 51V | 8" VAPOR PIPELINE |
| 11V | 1-METER GAUGE STICK | 59V | PRESS/VAC GAUGE |
| 16V | VAPOR VENT STACK | 73V | MMC GAUGE POINT |
| 19V | EMERGENCY ENGINE SHUT DOWN | — | ABOVE DECK PIPING |
| 28V | DOCK CONNECTION ALARM | | |

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

EX: SMS 30060

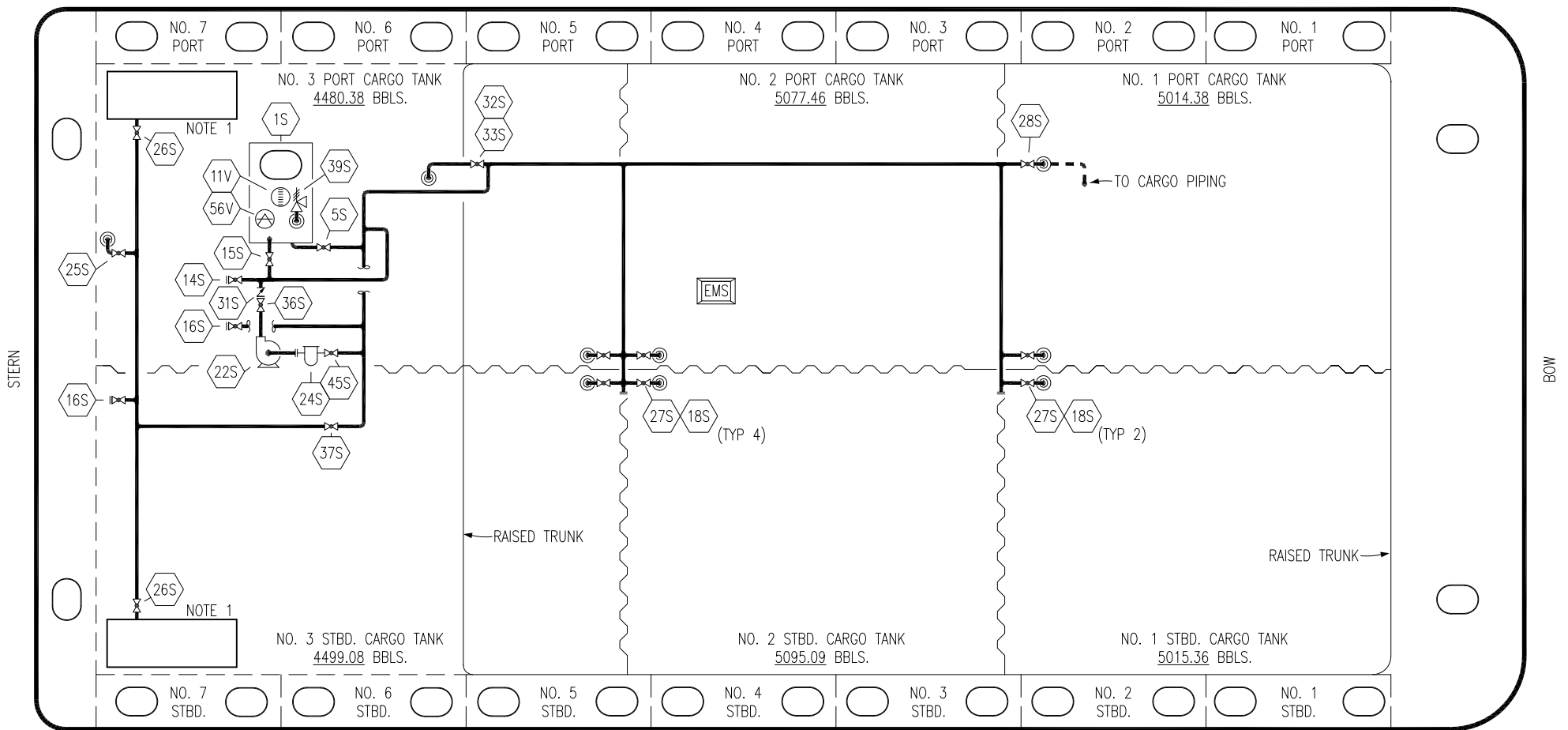
0	08/12/21	MRV	DDA	CW	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

SCALE: NONE	KIRBY 29154	REV. 0
PAGE: 2 OF 3		

PORT



NO	DESCRIPTION	NO	DESCRIPTION
1S	SLOP TANK	31S	CHECK VALVE
5S	SLOP TANK SUCTION VALVE	32S	PUMP WELL PRIMER VALVE
14S	DISCHARGE VALVE	33S	PUMP WELL SUCTION VALVE
15S	RETURN TO TANK	34S	DEEPWELL PRIME VALVE
16S	REMOTE SUCTION CONNECTION	36S	STRIPPING PUMP DISCHARGE VALVE
18S	STRIPPING DROP	37S	BLOCK VALVE
22S	STRIPPING PUMP	39S	P/V VALVE
24S	BASKET STRAINER	45S	STRIPPING PUMP SUCTION VALVE
25S	AFT TANK STRIPPING VALVE	47S	DRIP PAN STRIPPING VALVE
27S	SUMP SUCTION VALVE		
28S	CARGO PIPING SUCTION		

NO	DESCRIPTION	STARBOARD
11V	GAUGE STICK	
56V	GAUGE POINT	
—	ABOVE DECK PIPING	
- - -	BELOW DECK PIPING	

NOTE 1: CONTAINMENT P/S

EX: SMS 30060

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	08/12/21	MRV	DDA	CW	ISSUED FOR APPROVAL

KIRBY INLAND MARINE

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE	KIRBY 29154	REV. 0
PAGE: 3 OF 3		