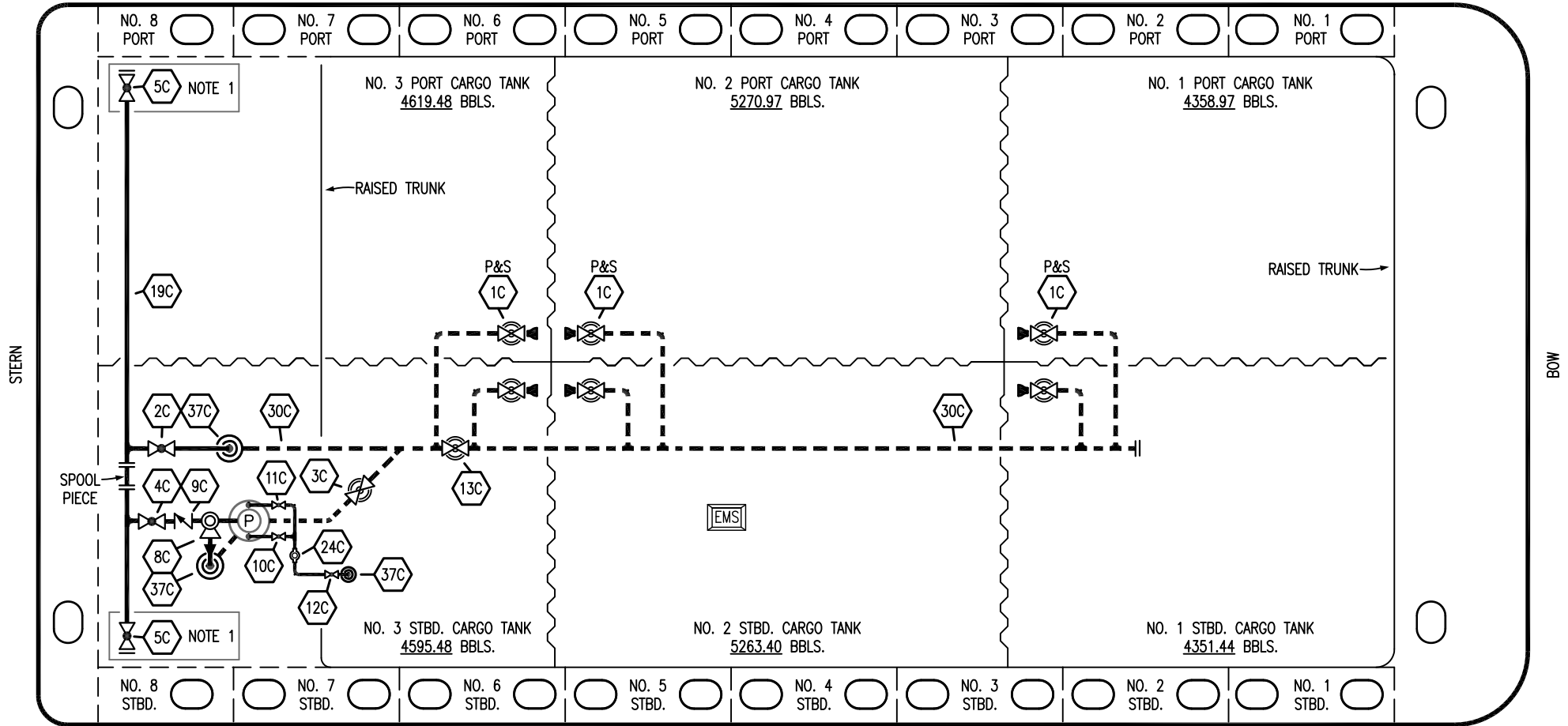


PORT



STARBOARD

- | | | | |
|-----|----------------------|-------|---------------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1C | CARGO TANK VALVE | 12C | BURP VALVE RETURN TO CARGO TANK |
| 2C | LOAD VALVE | 13C | CARGO PIPING BLOCK VALVE |
| 3C | MASTER SUCTION VALVE | 19C | CARGO HEADER |
| 4C | DISCHARGE VALVE | 24C | FLOW INDICATOR |
| 5C | HEADER VALVE | 30C | CARGO PIPELINE |
| 8C | RELIEF VALVE | 37C | CARGO DROP |
| 9C | CHECK VALVE | — | — ABOVE DECK PIPING |
| 10C | BURP VALVE | - - - | BELOW DECK PIPING |
| 11C | BLEED OFF VALVE | | |

NOTE 1: CONTAINMENT P/S

WEST GULF MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	07/17/23	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
1	08/10/17	WFB	DDA		REVISED PER CLIENT COMMENTS
0	06/12/12	DCB	DDA		FOR APPROVAL

KIRBY INLAND MARINE 

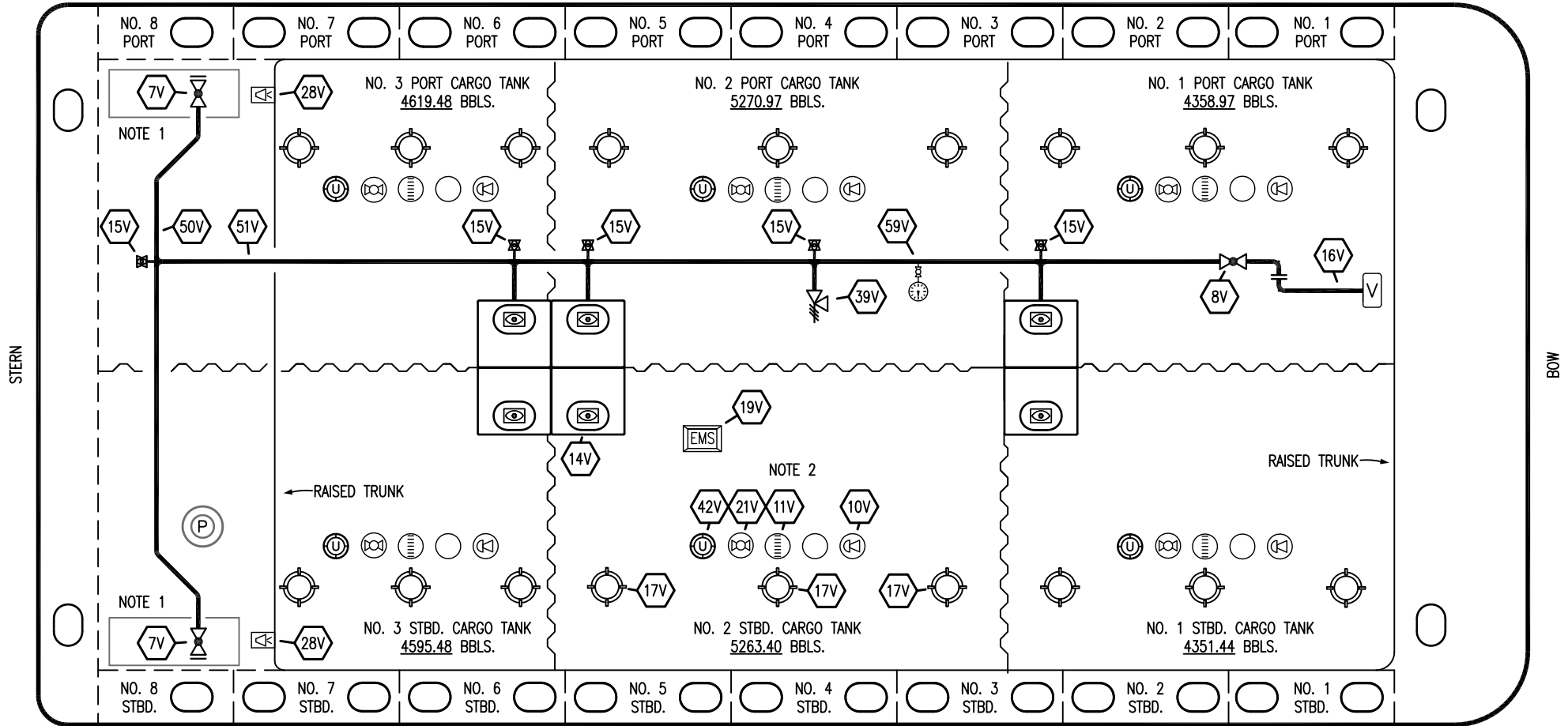
**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 1 OF 3

KIRBY 29056

REV. **2**

PORT



STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
7V	HEADER VALVE	19V	EMERGENCY ENGINE SHUT DOWN
8V	VENT STACK VALVE	21V	HERMETIC GAUGE
10V	HIGH LEVEL/OVERFILL ALARM	28V	DOCK CONNECTION ALARM
11V	1-METER STICK GAUGE	39V	PRESS/VAC RELIEF VALVE
14V	SIGHT GLASS W/GAUGE TREE	42V	ULLAGE HATCH
15V	INSPECTION PORT	50V	VAPOR HEADER
16V	VAPOR VENT STACK	51V	VAPOR PIPELINE
17V	BUTTERWORTH	59V	PRESS/VAC GAUGE
18V	RESTRICTIVE GAUGE TUBE	—	ABOVE DECK PIPING

NOTE 2: RIGGING IS TYPICAL IN EACH TANK

NOTE 1: CONTAINMENT P/S

WEST GULF MARINE

KIRBY INLAND MARINE 

**VAPOR
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	07/17/23	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
1	08/10/17	WFB	DDA		REVISED PER CLIENT COMMENTS
0	06/12/12	DCB	DDA		FOR APPROVAL

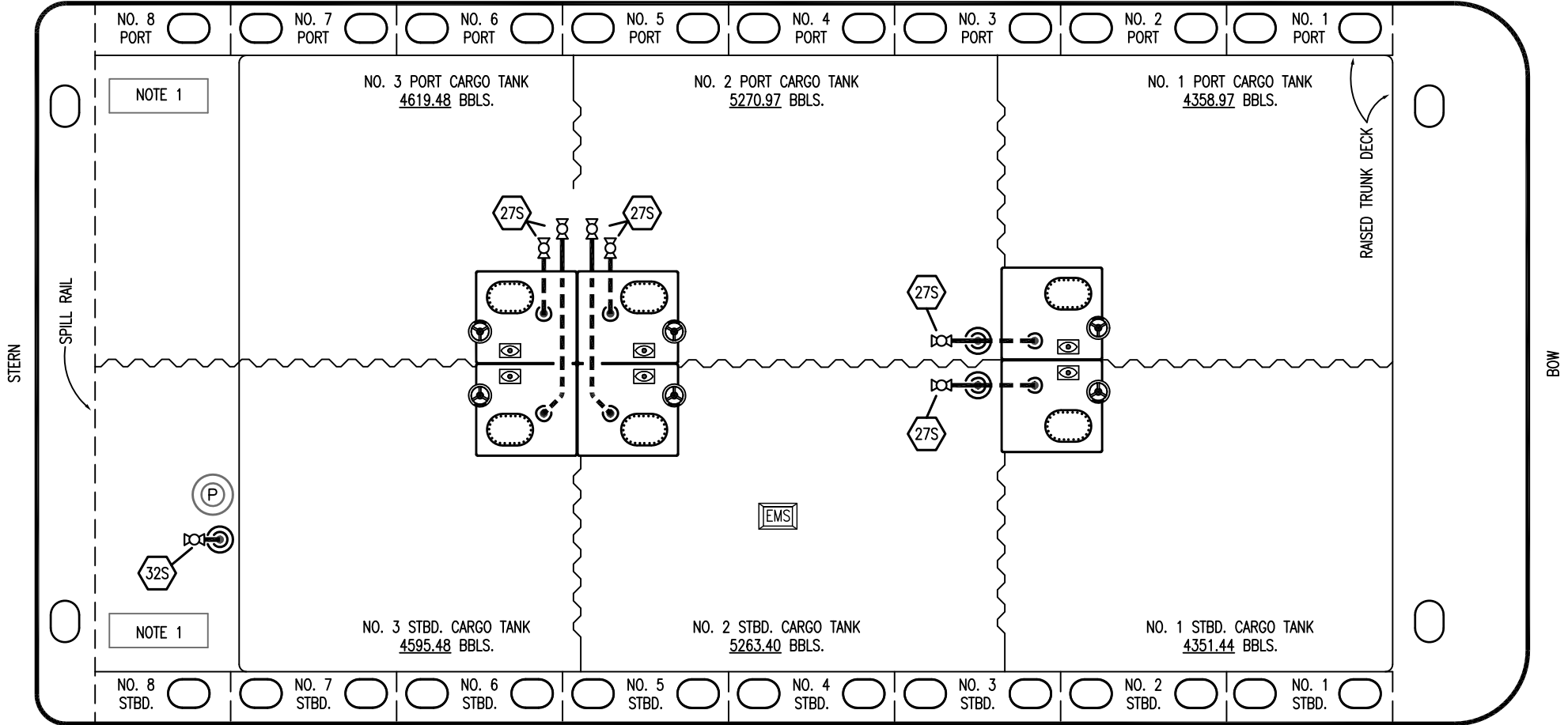
SCALE: NONE

PAGE: 2 OF 3

KIRBY 29056

REV. **2**

PORT



STERN

BOW

STARBOARD

- | | |
|-------|--------------------------------|
| NO | DESCRIPTION |
| 18S | TYP. STRIPPING PENETRATION (⊙) |
| 27S | SUMP SUCTION |
| 32S | PUMP WELL PRIMER VALVE |
| — | ABOVE DECK PIPING |
| - - - | BELOW DECK PIPING |

NOTE 1: CONTAINMENT P/S

WEST GULF MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	07/17/23	MRV	DDA	DAR	REVISED PER CLIENT COMMENTS
1	08/10/17	WFB	DDA		REVISED PER CLIENT COMMENTS
0	06/12/12	DCB	DDA		FOR APPROVAL

KIRBY INLAND MARINE 

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 3 OF 3

KIRBY 29056

REV. **2**