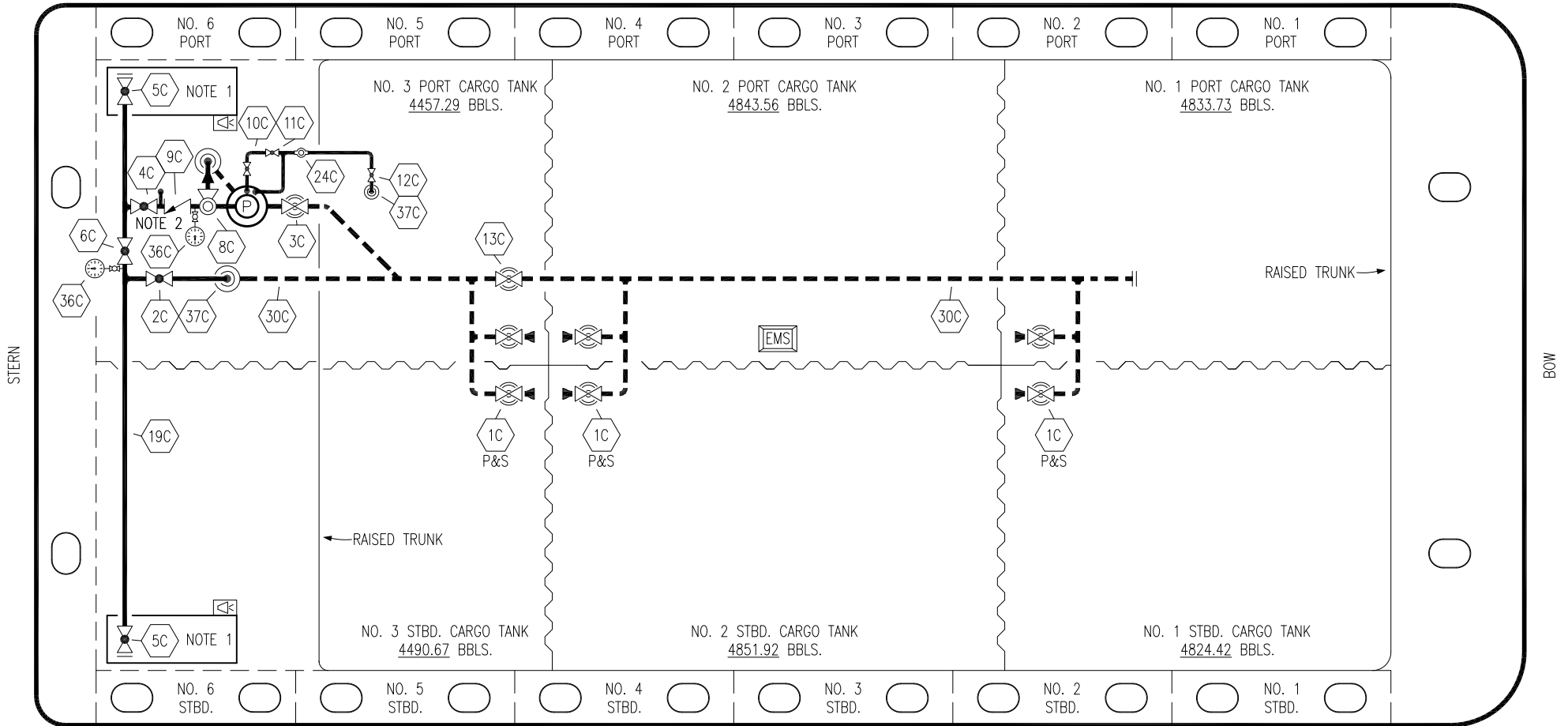


PORT



STERN

BOW

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                  |
| 6C  | SALVAGE VALVE        | 31C   | BYPASS VALVE                    |
| 8C  | RELIEF VALVE         | 36C   | PRESSURE GAUGE                  |
| 9C  | CHECK VALVE          | 37C   | CARGO DROP                      |
| 10C | BURP VALVE           | —     | — ABOVE DECK PIPING             |
| 11C | BLEED OFF VALVE      | - - - | BELOW DECK PIPING               |

NOTE 2: CONTINUE ON STRIPPING DIAGRAM  
NOTE 1: CONTAINMENT P/S

0	06/15/21	CJG	DDA	CW	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

TRINITY

**KIRBY INLAND MARINE**

**CARGO**

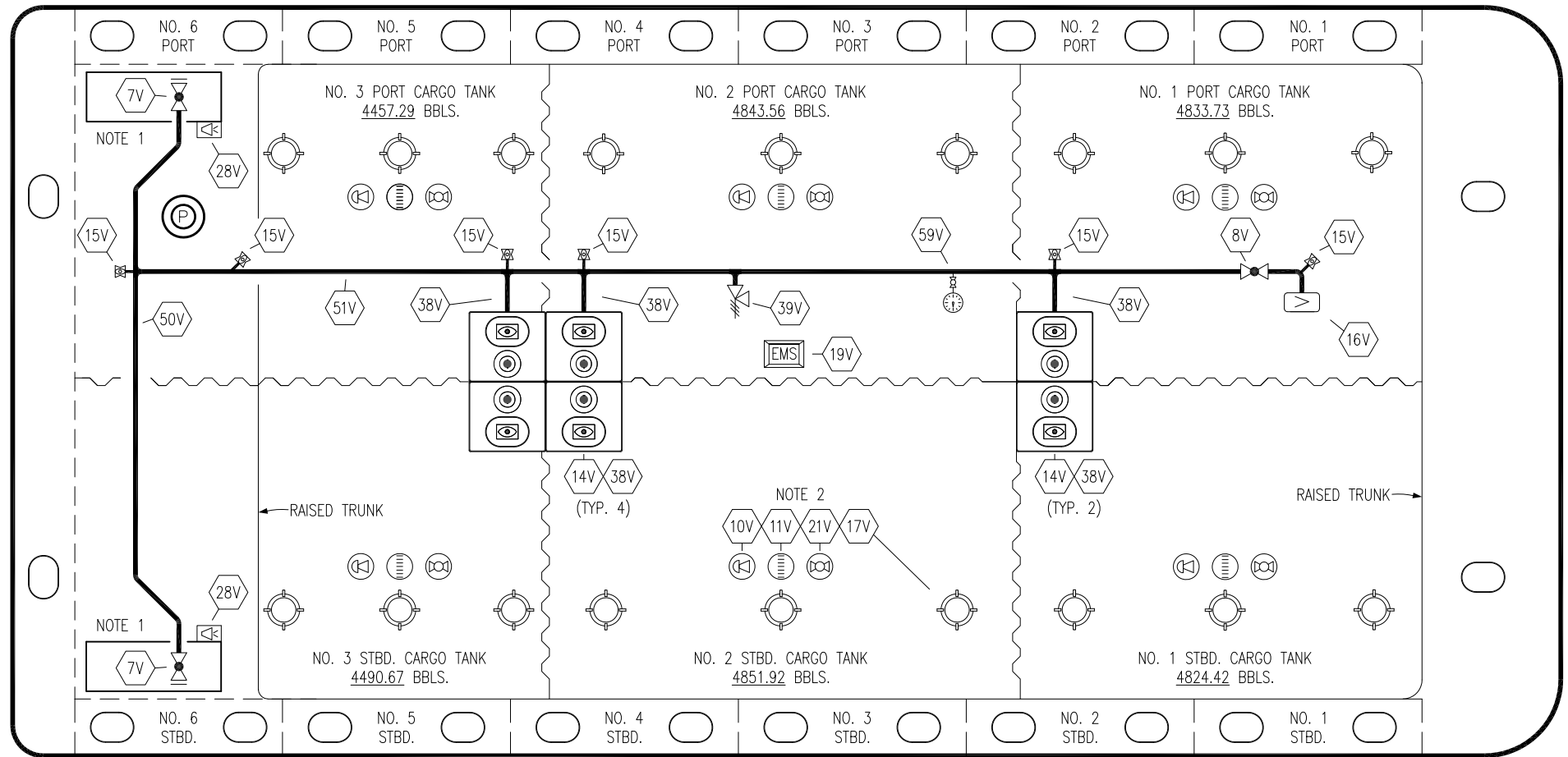
**PIPING FLOW DIAGRAM**

SCALE: NONE	<b>KIRBY 28160</b>	REV. 0
PAGE: 1 OF 3		

PORT

STERN

BOW



STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	21V	2" HERMETIC GAUGE
8V	8" VENT STACK VALVE	28V	DOCK CONNECTION ALARM
10V	8" HIGH LEVEL/OVERFILL ALARM	38V	8" VAPOR PENETRATION
11V	8" 1-METER STICK GAUGE	39V	PRESS/VAC RELIEF VALVE
14V	SIGHT GLASS W/GAUGE TREE	50V	8" VAPOR HEADER
15V	2" INSPECTION PORT	51V	8" VAPOR PIPELINE
16V	8" VAPOR VENT STACK	59V	PRESS/VAC GAUGE
17V	20" BUTTERWORTH		ABOVE DECK PIPING
19V	EMERGENCY ENGINE SHUT DOWN		

NOTE 1: CONTAINMENT P/S

NOTE 2: RIGGING IS TYPICAL IN EACH TANK

TRINITY


KIRBY INLAND MARINE

**VAPOR  
PIPING FLOW DIAGRAM**

0	06/15/21	CJG	DDA	CW	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

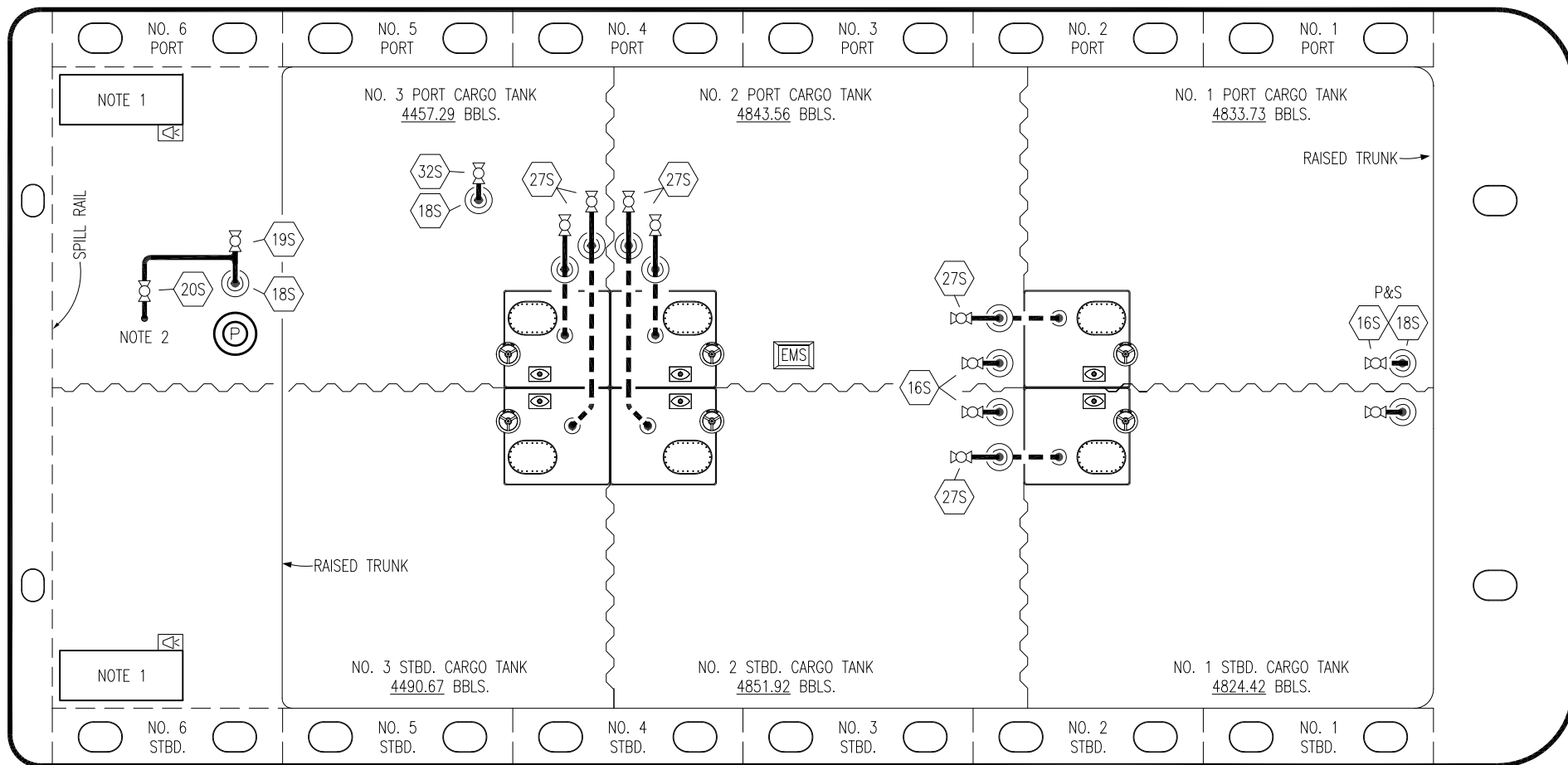
SCALE: NONE  
PAGE: 2 OF 3

**KIRBY 28160** REV. **0**

PORT

STERN

BOW



- | NO  | DESCRIPTION                   |
|---|-------------------------------|
| 16S   | FORWARD TANK STRIPPING        |
| 17S   | FORWARD CARGO TANK ISOLATION  |
| 18S   | TYP. STRIPPING DROP           |
| 19S   | CARGO HEADER                  |
| 20S   | CARGO VALVE BYPASS LINE       |
| 27S   | SUMP SUCTION VALVE            |
| 32S   | BELOW DECK PIPELINE STRIPPING |
| <p>— ABOVE DECK PIPING</p> <p>- - - BELOW DECK PIPING</p> |                               |

NOTE 2: CONTINUE ON CARGO DIAGRAM  
 NOTE 1: CONTAINMENT P/S

TRINITY

						KIRBY INLAND MARINE	
						<b>STRIPPING PIPING FLOW DIAGRAM</b>	
0	06/15/21	CJG	DDA	CW	ISSUED FOR APPROVAL	SCALE: NONE	<b>KIRBY 28160</b>
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	PAGE: 3 OF 3	
						REV. <b>0</b>	