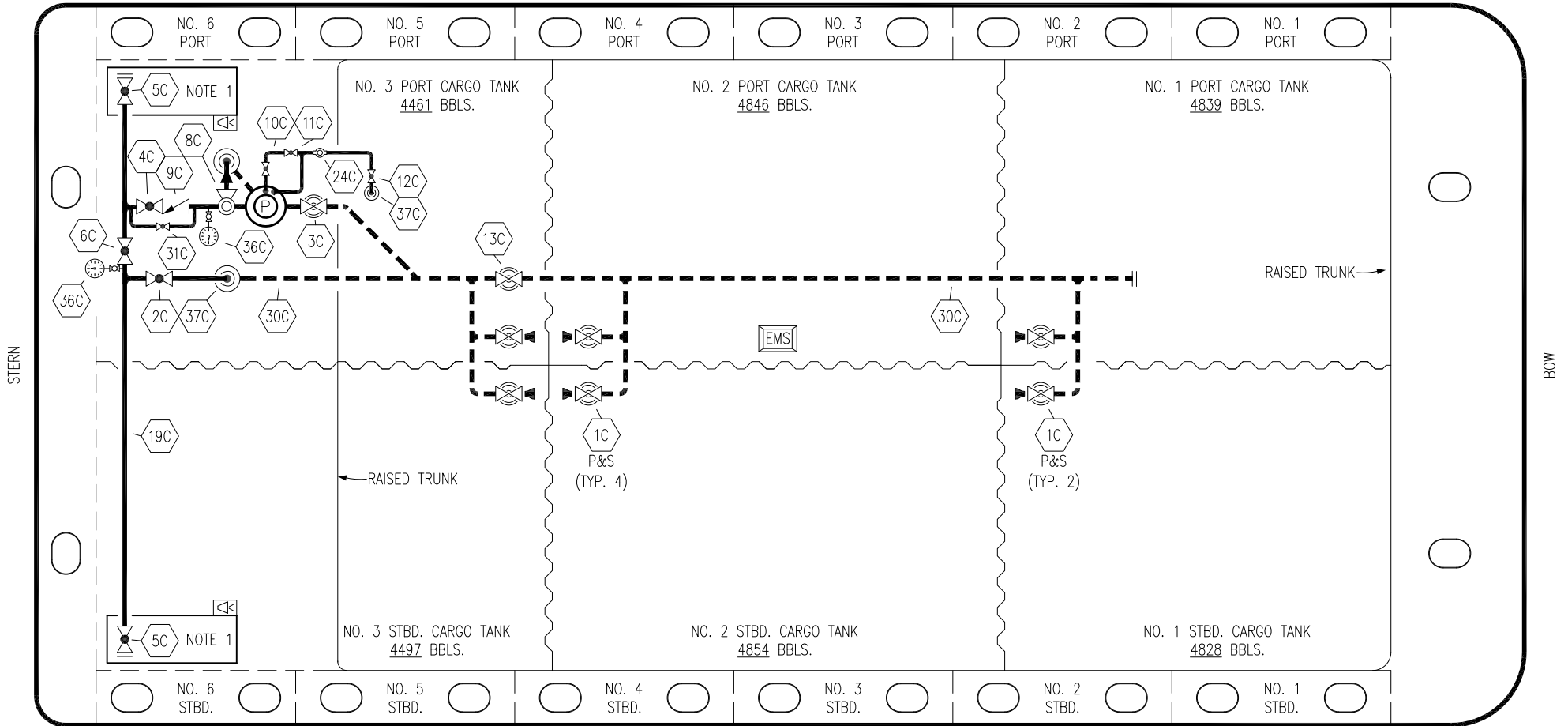


PORT



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 1: CONTAINMENT P/S

| REV. | DATE | BY | CHK | APP | REVISION DESCRIPTION |
|------|----------|-----|-----|-----|-----------------------------|
| 3 | 06/15/21 | MRV | DDA | CW | REVISED PER CLIENT COMMENTS |
| 2 | 11/07/13 | DCB | DDA | | MOVED 13C |
| 1 | 03/08/11 | DCB | DDA | | REVISED TANK CAPACITY |
| A | 01/07/11 | BAG | RB | OF | FOR APPROVAL |

KIRBY INLAND MARINE 

**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 1 OF 3

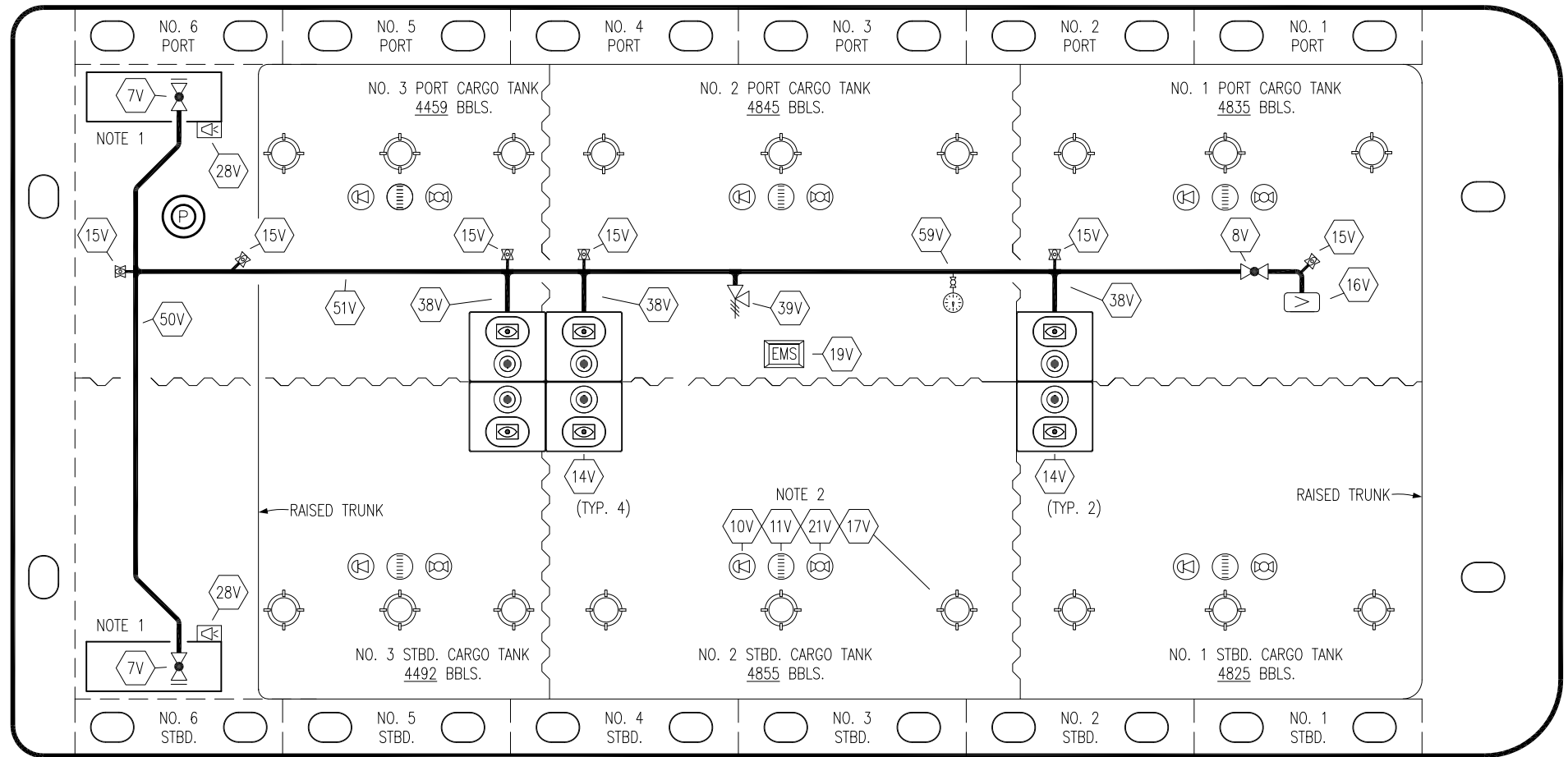
KIRBY 28165 REV. **3**

TRINITY

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

| REV. | DATE | BY | CHK | APP | REVISION DESCRIPTION |
|------|----------|-----|-----|-----|-----------------------------|
| 2 | 06/15/21 | CJG | DDA | CW | REVISED PER CLIENT COMMENTS |
| 1 | 03/31/11 | JN | DDA | | REVISE CARGO CAPACITY |
| A | 01/07/11 | BAG | RB | OF | FOR APPROVAL |

KIRBY INLAND MARINE 

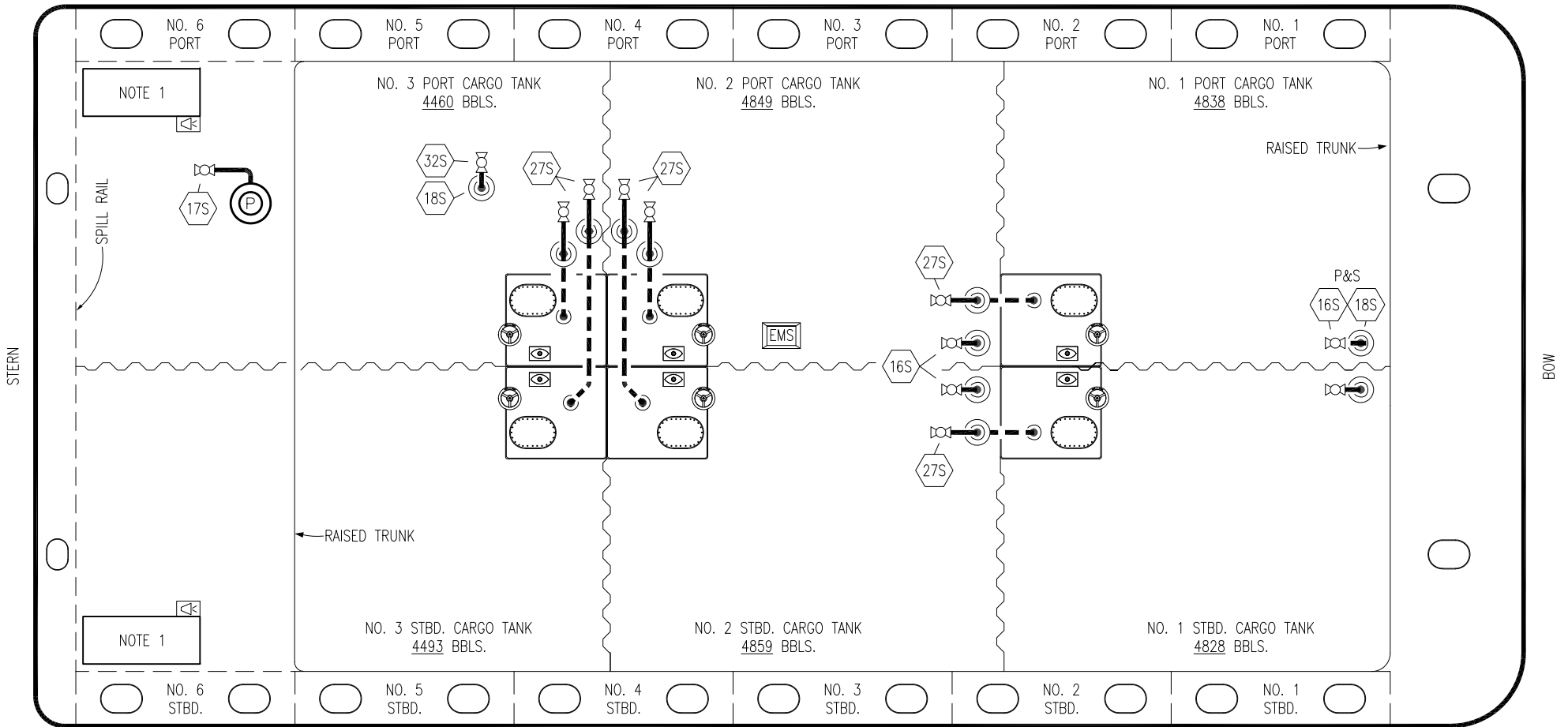
**VAPOR
PIPING FLOW DIAGRAM**



SCALE: NONE
PAGE: 2 OF 3

KIRBY 28165

REV. **2**

PORT



- | NO | DESCRIPTION |
|---|-------------------------------|
| 16S | FORWARD TANK STRIPPING |
| 17S | FORWARD CARGO TANK ISOLATION |
| 18S | TYP. STRIPPING DROP |
| 27S | SUMP SUCTION VALVE |
| 32S | BELOW DECK PIPELINE STRIPPING |
|  | ABOVE DECK PIPING |
|  | BELOW DECK PIPING |

NOTE 1: CONTAINMENT P/S

TRINITY

| REV. | DATE | BY | CHK | APP | REVISION DESCRIPTION |
|------|----------|-----|-----|-----|-----------------------------|
| 3 | 06/15/21 | MRV | DDA | CW | REVISED PER CLIENT COMMENTS |
| 2 | 11/07/13 | DCB | DDA | | REVISED PIPING |
| 1 | 03/01/11 | DCB | DDA | | REVISED CARGO CAPACITY |
| 0 | 10/14/11 | JN | DDA | | ISSUED FOR APPROVAL |

KIRBY INLAND MARINE 

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 3 OF 3

KIRBY 28165

REV. **3**