

- | | | | |
|-----------|--------------------------|-----------|------------------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1C | 8" CARGO TANK VALVE | 12C | 1" BURP VALVE RETURN TO CARGO TANK |
| 2C | 8" LOAD VALVE | 16C | DISCHARGE PRESSURE GAUGE |
| 3C | 10" MASTER SUCTION VALVE | 19C | 8" CARGO HEADER |
| 4C | 8" DISCHARGE VALVE | 24C | 1" PIPE SIGHT GLASS |
| 5C | 8" HEADER VALVE | 30C | 10" CARGO PIPELINE |
| 8C | 6" RELIEF VALVE | 36C | PRESSURE GAUGE |
| 9C | 8" CHECK VALVE | 37C | CARGO DROP |
| 10C | 1" BURP VALVE | — | — ABOVE DECK PIPING |
| 11C | 1" BLEED OFF VALVE | - - - | - - - BELOW DECK PIPING |

STARBOARD

NOTE 1: CONTAINMENT P/S

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732

| | | | | | |
|------|----------|-----|-----|-----|--------------------------|
| 1 | 06/28/17 | WFB | DDA | | REMOVED 6C SALVAGE VALVE |
| 0 | 04/24/12 | DCB | DDA | OF | APPROVED |
| REV. | DATE | BY | CHK | APP | REVISION DESCRIPTION |

KIRBY INLAND MARINE

**CARGO
PIPING FLOW DIAGRAM**

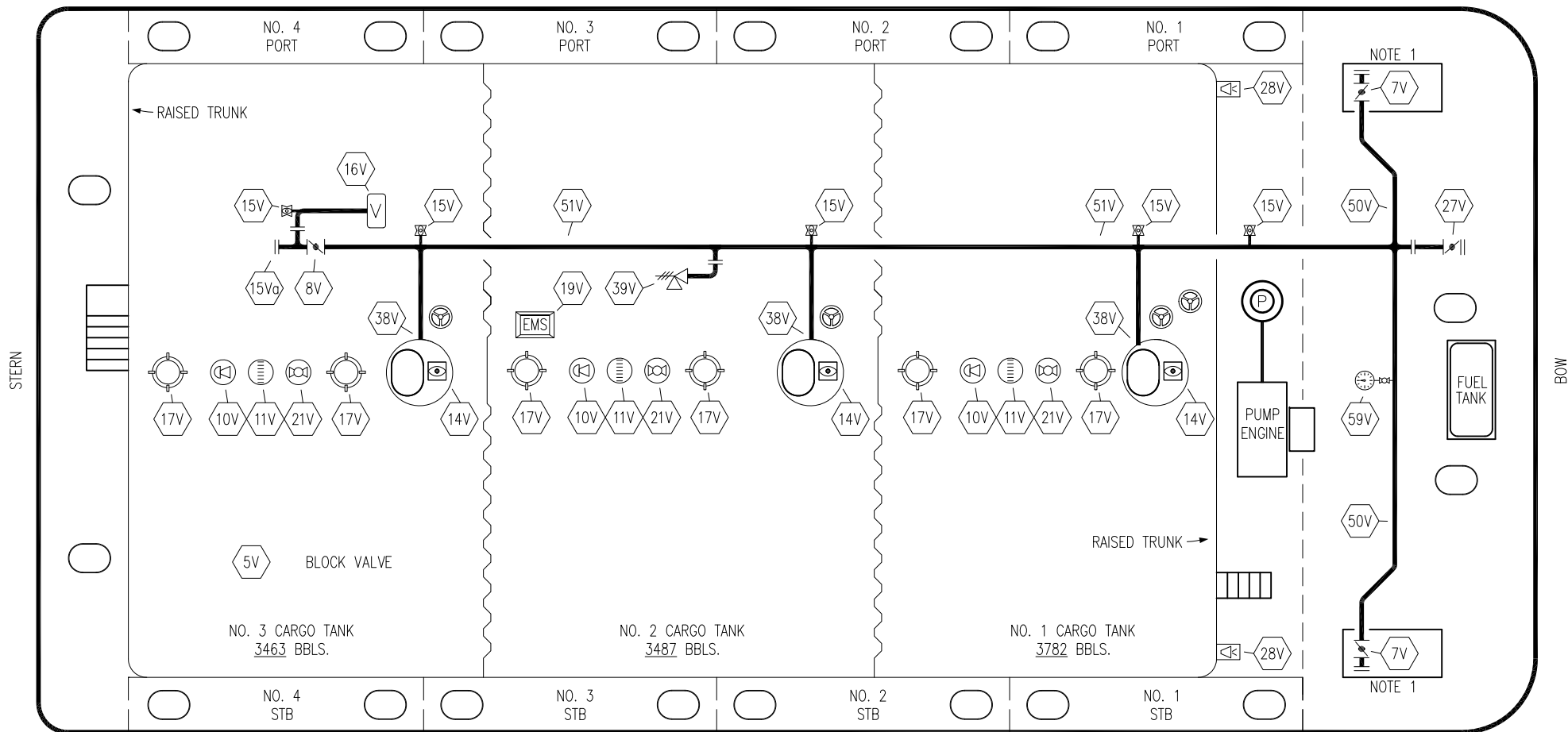
SCALE: NONE

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KIRBY 10536

REV. **1**

PORT



NOTE 1

NOTE 1

NO. 3 CARGO TANK
3463 BBLs.

NO. 2 CARGO TANK
3487 BBLs.

NO. 1 CARGO TANK
3782 BBLs.

NO. 4 STB

NO. 3 STB

NO. 2 STB

NO. 1 STB

STARBOARD

NOTE 1: CONTAINMENT P/S

| NO | DESCRIPTION | NO | DESCRIPTION |
|------|----------------------------|-----|--------------------------|
| 7V | 8" HEADER VALVE | 21V | HERMETIC GAUGE |
| 8V | 8" VENT STACK VALVE | 27V | 8" VALVE |
| 10V | HIGH LEVEL/OVERFILL ALARM | 28V | DOCK CONNECTION ALARM |
| 11V | GAUGE STICK | 39V | 6" PRESSURE/VACUUM VALVE |
| 14V | SIGHT GLASS W/GAUGE TREE | 38V | 8" VAPOR PENETRATION |
| 15V | 2" INSPECTION PORT | 50V | 8" VAPOR HEADER |
| 15Va | 8" 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 | | |

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732

KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

| REV. | DATE | BY | CHK | APP | REVISION DESCRIPTION |
|------|----------|-----|-----|-----|-----------------------------|
| 1 | 09/26/19 | MRV | DDA | | REVISED PER CLIENT COMMENTS |
| 0 | 04/24/12 | DCB | DDA | OF | APPROVED |

SCALE: NONE
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REV. **1**

