

NOTE 1: CONTAINMENT P/S

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
6C	8" SALVAGE VALVE	31C	BYPASS VALVE
8C	6" RELIEF VALVE	31C	PRESSURE GAUGE
9C	8" CHECK VALVE	36C	CARGO DROP
10C	1" BURP VALVE	37C	ABOVE DECK PIPING
11C	1" BLEED OFF VALVE	37C	BELOW DECK PIPING

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	03/24/15	BB	BB		REVISED PER CLIENT COMMENTS
0	12/21/09	RB	RB	RJ	FOR APPROVAL

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732

KIRBY INLAND MARINE

CARGO

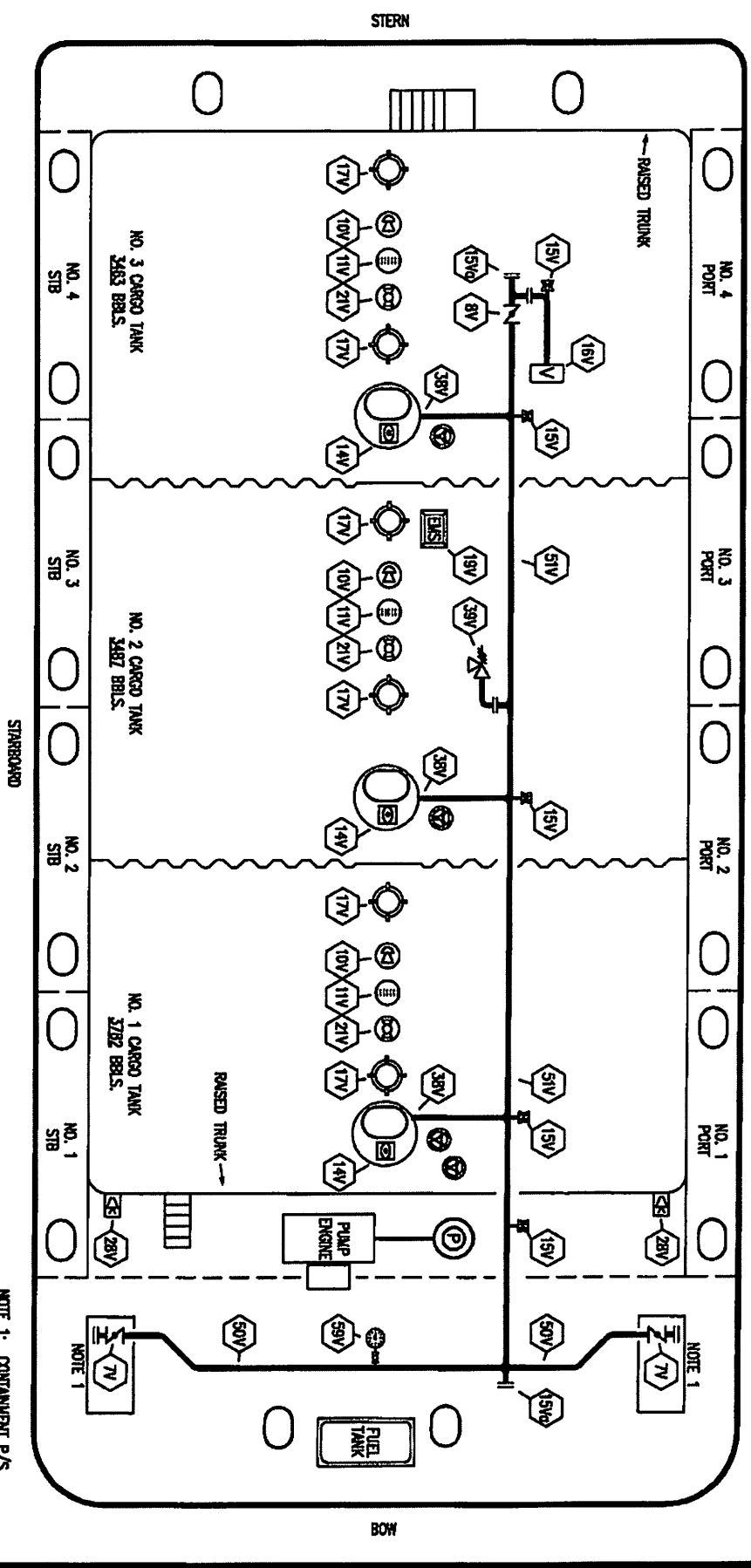
PIPING FLOW DIAGRAM

SCALE: NONE

PAGE: 1 OF 3

KIRBY 10086

REV. **1**



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|-----------------|---------------------------|----------------------------|--------------------------|
| NO. 7V | DESCRIPTION | NO. 19V | DESCRIPTION |
| 8" HEADER VALVE | | EMERGENCY ENGINE SHUT DOWN | |
| NO. 8V | 8" VENT STACK VALVE | NO. 21V | HERMETIC GAUGE |
| NO. 10V | HIGH LEVEL/OVERBELL ALARM | NO. 28V | DOCK CONNECTION ALARM |
| NO. 11V | GAUGE STICK | NO. 39V | 6" PRESSURE/VACUUM VALVE |
| NO. 14V | SIGHT GLASS W/GAUGE TREE | NO. 38V | 8" VAPOR PENETRATION |
| NO. 15V | 2" INSPECTION PORT | NO. 50V | 8" VAPOR HEADER |
| NO. 15Vg | 8" INSPECTION PORT | NO. 51V | 8" VAPOR PIPELINE |
| NO. 16V | 8" VAPOR VENT STACK | NO. 59V | PRESS/VAC GAUGE |
| NO. 17V | 20" BUTTERWORTH | | ABOVE DECK PIPING |

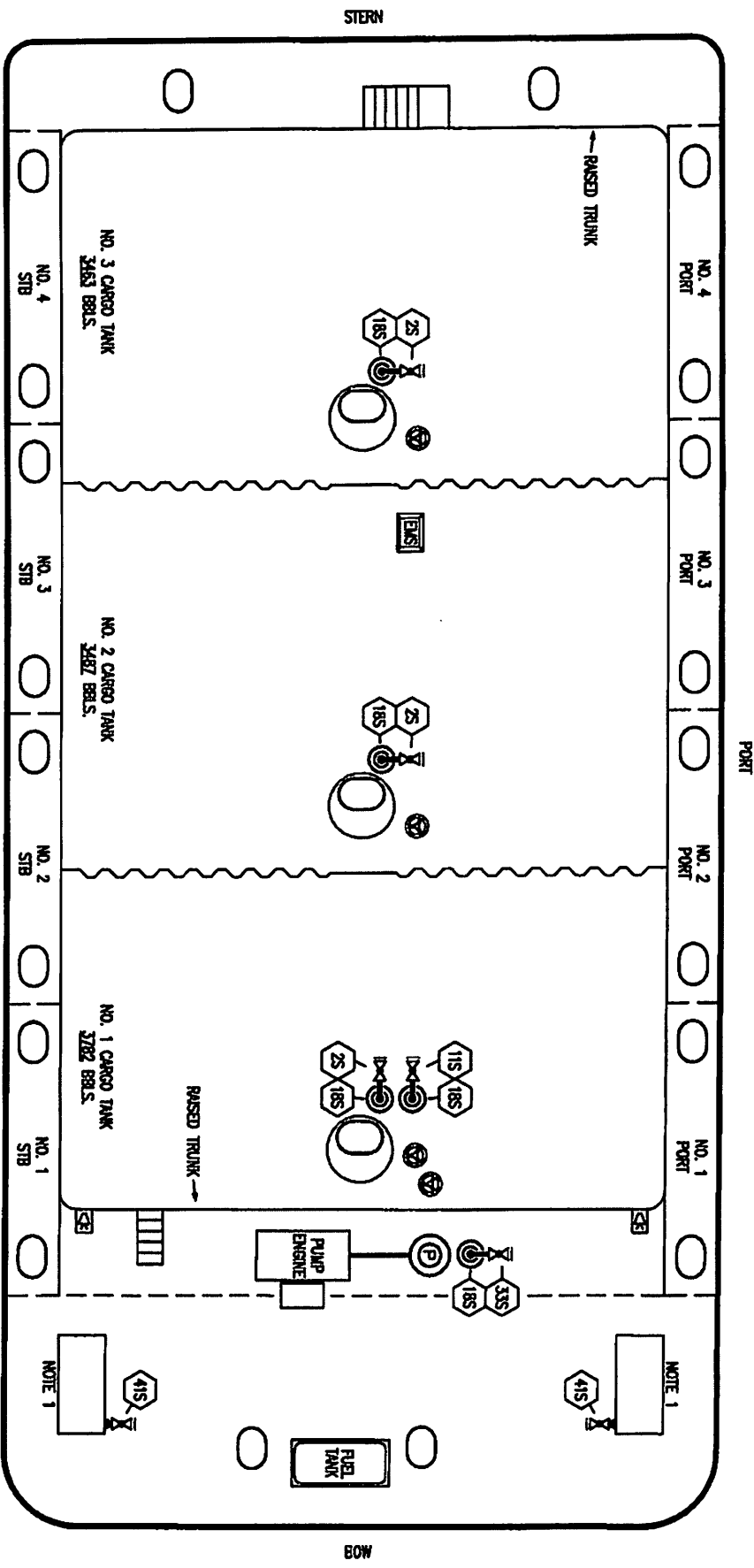
NOTE 1: CONTAMINANT P/S

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732

KIRBY INLAND MARINE

VAPOR PIPING FLOW DIAGRAM

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	12/21/09	RB	RB	RJ	FDR APPROVAL



- NO. 2S CARGO SUMP SUCTION VALVE
- NO. 1S LOWER CARGO PIPELINE SUCTION VALVE
- NO. 3S STRIPPING DROP
- NO. 4S PUMP WELL SUCTION VALVE
- NO. 41S CONTAINMENT DRAIN VALVE W/ CAP

NOTE 1: CONTAINMENT P/S

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732
KIRBY INLAND MARINE

STRIPPING
PIPING FLOW DIAGRAM

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	12/21/09	RB	RB	RL	FOR APPROVAL