

NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	13C	12" BLOCK VALVE
2C	8" LOAD VALVE	19C	8" CARGO HEADER
3C	12" MASTER SUCTION VALVE	30C	12" CARGO PIPELINE
4C	8" DISCHARGE VALVE	31C	2" BYPASS VALVE
5C	8" HEADER VALVE	37C	CARGO DROP
6C	8" SALVAGE VALVE	—	— ABOVE DECK PIPING
8C	6" RELIEF VALVE	---	--- BELOW DECK PIPING
9C	8" CHECK VALVE		

NOTE 1: CONTAINMENT P/S  
 NOTE 2: 500 GAL. FUEL TANK  
 NOTE 3: VALVE HATCH

WEST GULF MARINE - BBL. CAPACITY = 29312 BBLs.

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
D	05/14/10	RB	RB	OF	APPROVED

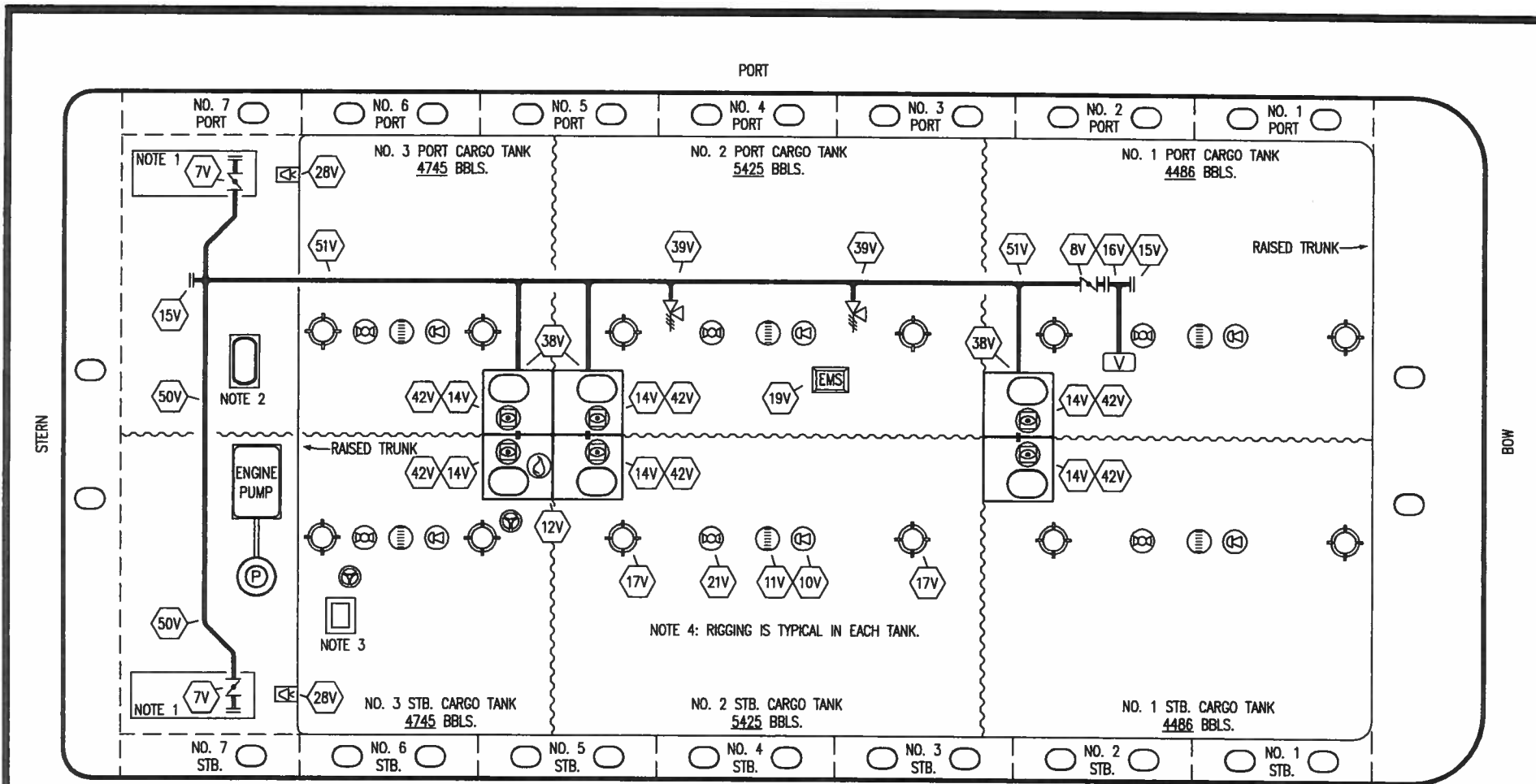
KIRBY INLAND MARINE 

**CARGO  
PIPING FLOW DIAGRAM**

SCALE: NONE  
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**KIRBY 29037**

REV. **0**



- |     |                           |     |                            |
|-----|---------------------------|-----|----------------------------|
| NO  | DESCRIPTION               | NO  | DESCRIPTION                |
| 7V  | 10" HEADER VALVE          | 19V | EMERGENCY ENGINE SHUT DOWN |
| 8V  | 10" VENT STACK VALVE      | 21V | HERMETIC GAUGE             |
| 10V | HIGH LEVEL/OVERFILL ALARM | 28V | DOCK CONNECTION ALARM      |
| 11V | GAUGE STICK               | 38V | VAPOR PENETRATION          |
| 12V | HERMETIC SAMPLE           | 39V | 6" PRESSURE/VACUUM VALVE   |
| 14V | SIGHT GLASS W/ GAUGE TREE | 42V | ULLAGE HATCH               |
| 15V | INSPECTION PORT           | 50V | 10" VAPOR HEADER           |
| 16V | 10" VAPOR VENT STACK      | 51V | 10" VAPOR PIPELINE         |
| 17V | 23" BUTTERWORTH           | —   | ABOVE DECK PIPING          |

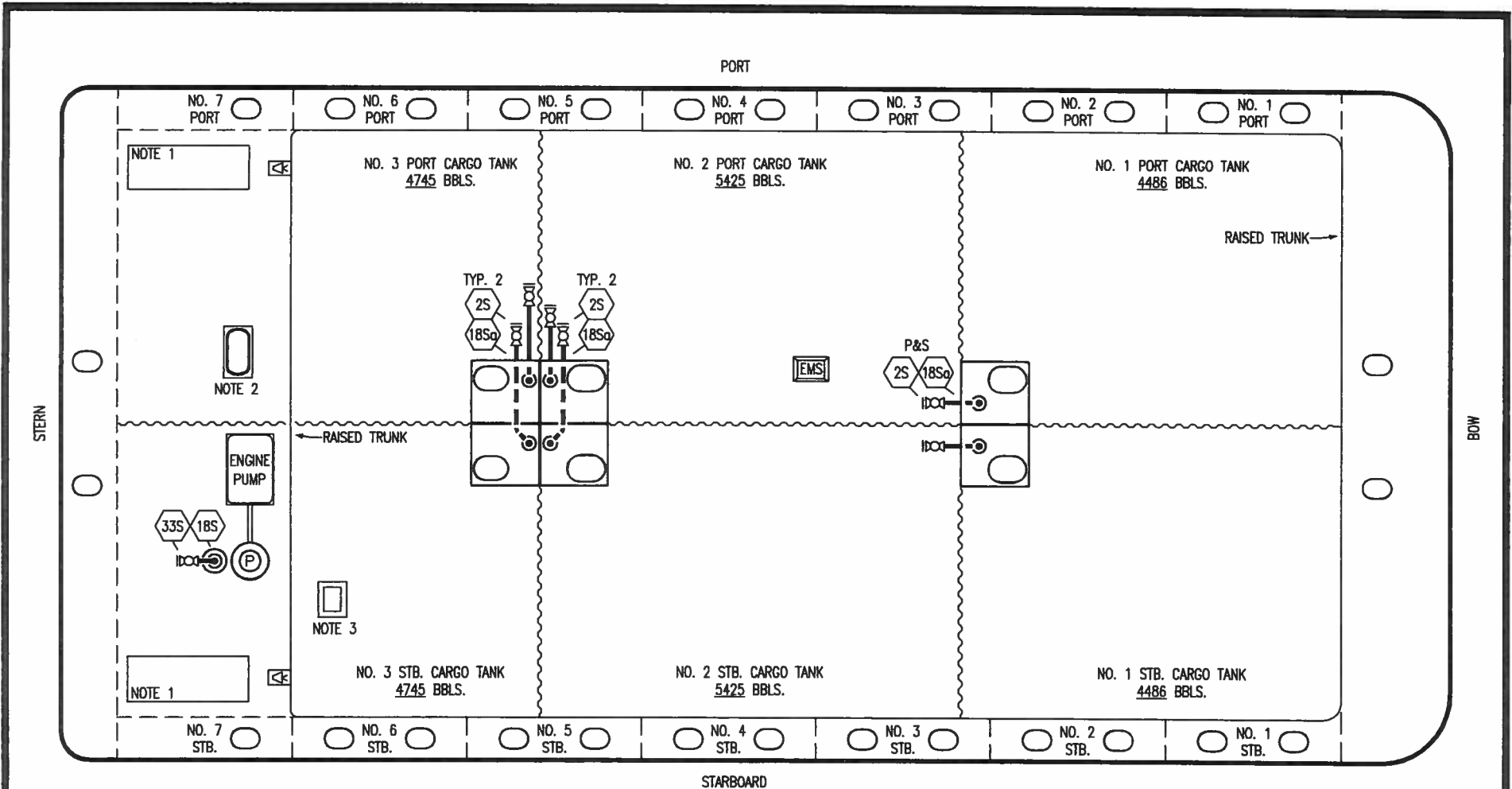
- NOTE 1: CONTAINMENT P/S  
 NOTE 2: 500 GAL. FUEL TANK  
 NOTE 3: VALVE HATCH  
 NOTE 4: RIGGING IS TYPICAL IN EACH TANK.

WEST GULF MARINE - BBL. CAPACITY = 29312 BBLs.

						<b>KIRBY INLAND MARINE</b>							
								<b>VAPOR PIPING FLOW DIAGRAM</b>					
						D 05/14/10 RB RB OF APPROVED						SCALE: NONE	
						REV. DATE BY CHK APP REVISION DESCRIPTION						PAGE: 2 OF 3	

KIRBY 29037

REV. 0



- | NO   | DESCRIPTION              |
|------|--------------------------|
| 2S   | CARGO SUMP SUCTION VALVE |
| 18S  | STRIPPING DROP           |
| 18Sa | STRIPPING PENETRATION    |
| 33S  | PUMP WELL SUCTION VALVE  |
|      | ABOVE DECK PIPING        |
|      | BELOW DECK PIPING        |

- NOTE 1: CONTAINMENT P/S
- NOTE 2: 500 GAL. FUEL TANK
- NOTE 3: VALVE HATCH

WEST GULF MARINE - BBL. CAPACITY = 29312 BBLs.

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: 2em; font-weight: bold;">KIRBY INLAND MARINE</div> </div>								
STRIPPING PIPING FLOW DIAGRAM								
D	05/14/10	RB	RB	OF	APPROVED	SCALE: NONE	KIRBY 29037	REV.
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	PAGE: 3 OF 3		0