

NO	SIZE	DESCRIPTION	NO	SIZE	DESCRIPTION
1C	8"	CARGO TANK VALVE	22C	19"	BUTTERWORTH
2C	8"	LOAD VALVE	25C	10"x8"	ECCENTRIC REDUCER
3C	10"	MASTER SUCTION VALVE	27C	4"	DRIP PAN DRAIN VALVE
4C	8"	DISCHARGE VALVE	28C	6"	HIGH LOAD VALVE
5C	8"	HEADER VALVE	11V		GAUGE STICK (LENGTH)
8C	6"	RELIEF VALVE	18V		RESTRICTIVE GAUGE TUBE
9Ca	8"	CHECK VALVE	30V		THERMAL WELL WITH PIPE CAP
9Cb	1"	CHECK VALVE	38Ca		DEEPWELL DRAIN VALVE
15C	2"	BYPASS VALVE (AROUND CHECK VALVE)	38Cb	1"	GATE VALVE
16C		DISCHARGE PRESSURE GAUGE	38Cd	1"	SPRING VALVE
19C	8"	CARGO HEADER			

NOTE 2: 6 BARREL DRIP PAN
 NOTE 3: PICKLING LINE
 ABOVE DECK PIPING ———
 BELOW DECK PIPING - - -

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	06/23/21	MRV	DDA	TL	REVISED PER CLIENT COMMENTS
0	10/12/15	BB	SC		REVISED PER CLIENT COMMENTS
A	10/22/14	DDA	DDA		ISSUED FOR APPROVAL

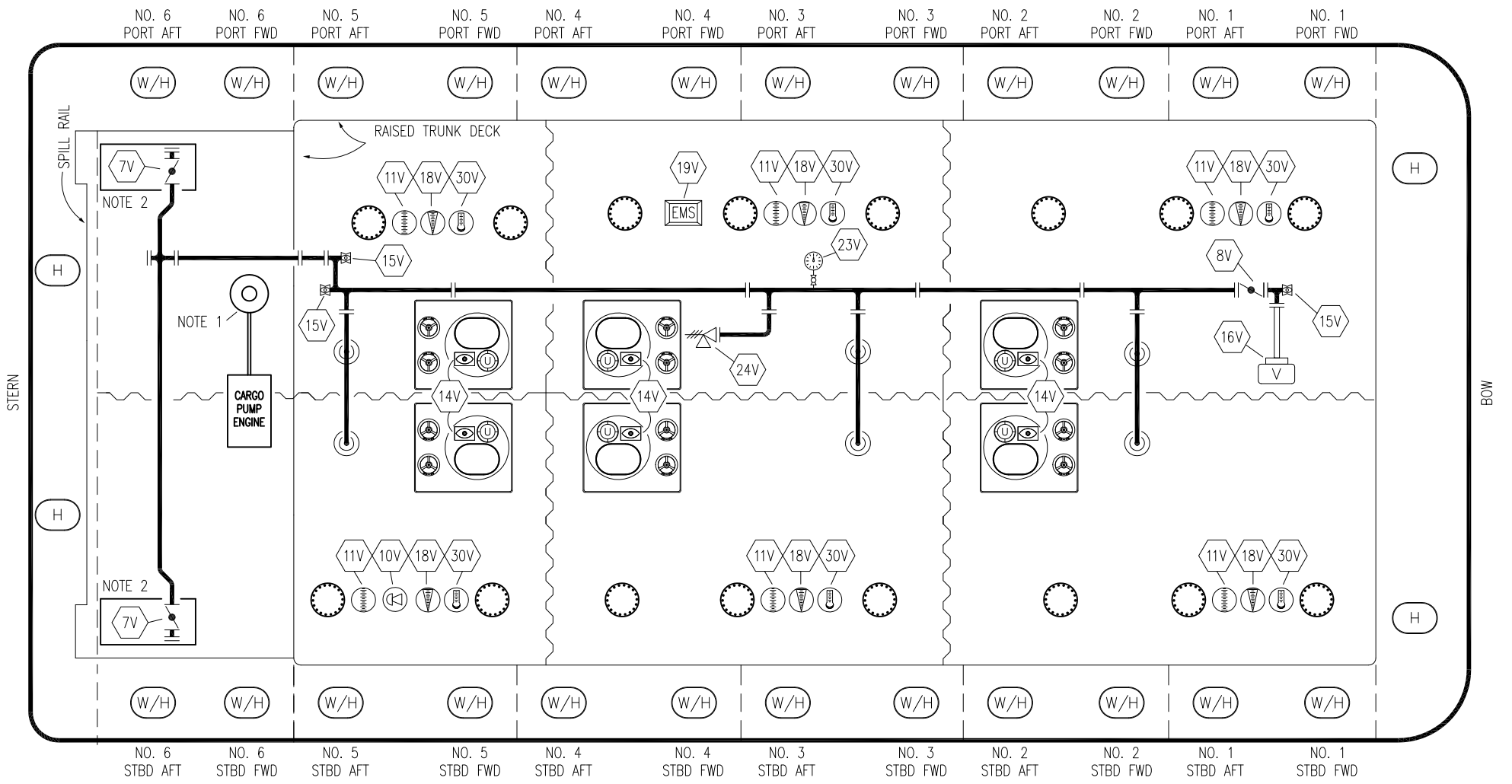
TRINITY MARINE

KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 28711
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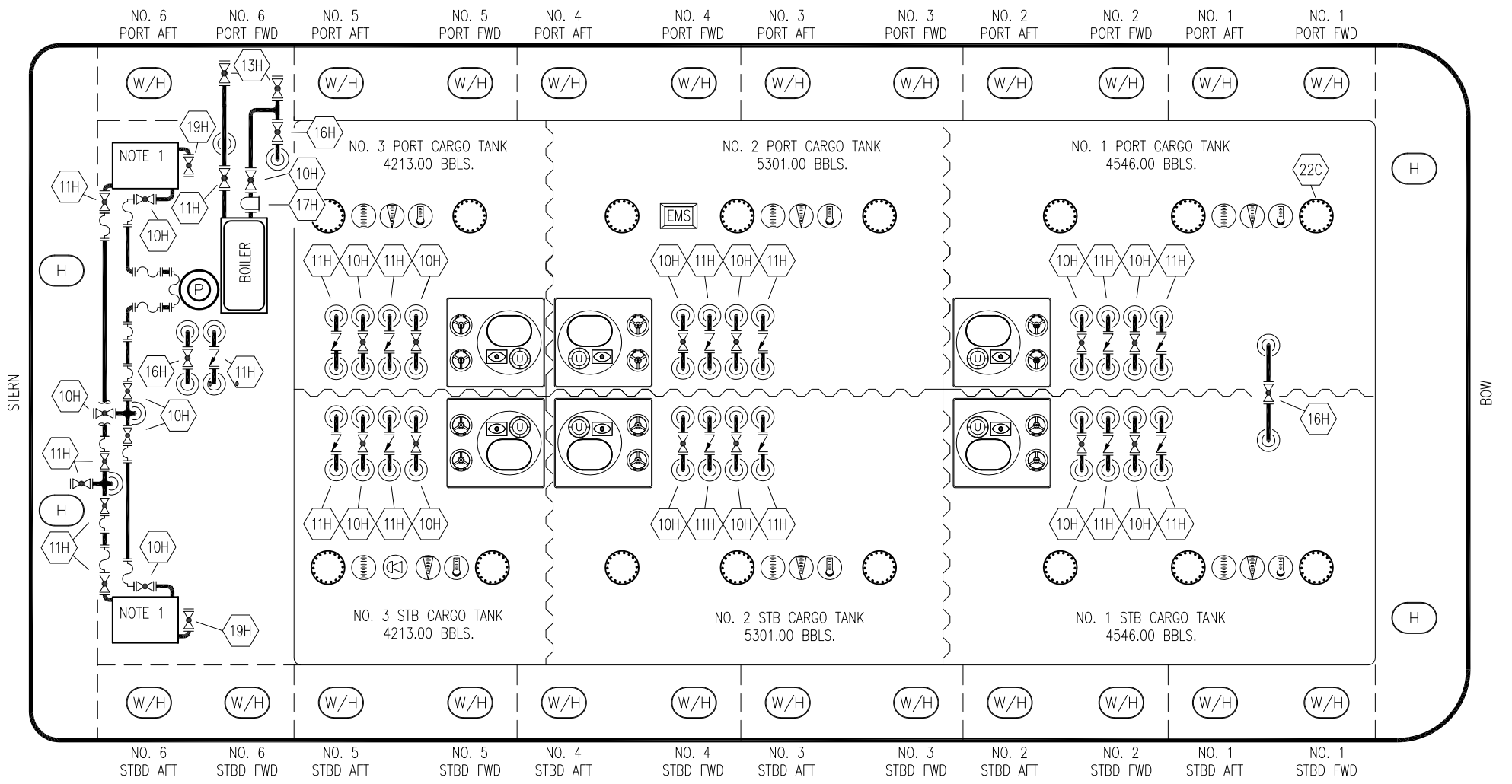


NO	SIZE	DESCRIPTION	NO	SIZE	DESCRIPTION
7V	8"	HEADER VALVE	23V		PRESSURE GAUGE
8V	8"	VENT STACK VALVE	24V	6"	PRESSURE RELIEF VALVE
10V	8"	HIGH LEVEL/OVERFILL ALARM	30V	2"	THERMAL WELL WITH PIPE CAP
11V		GAUGE STICK (LENGTH)			
14V		SIGHT GLASS			
15V		INSPECTION PORT			
16V	8"	VAPOR VENT STACK			
18V		RESTRICTIVE GAUGE TUBE			
19V		EMERGENCY SHUTDOWN SYSTEM			

NOTE 1: DEEPWELL PUMP
 NOTE 2: 6 BARREL DRIP PAN
 ABOVE DECK PIPING

TRINITY MARINE

					KIRBY INLAND MARINE VAPOR PIPING FLOW DIAGRAM	
	1	06/23/21	MRV	DDA	TL	REVISED PER CLIENT COMMENTS
	A	10/22/14	DDA	DDA		ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	SCALE: NONE
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- | | | | |
|-----|----------------------|-------|-------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 10H | SUPPLY VALVE | — | ABOVE DECK PIPING |
| 11H | RETURN | ~~~~~ | HOSE |
| 12H | PRESSURE REGULATOR | | |
| 13H | OVERBOARD VALVE | | |
| 16H | ISOLATION VALVE | | |
| 17H | BASKET STRAINER | | |
| 18H | CHECK VALVE | | |
| 19H | DRIP PAN DRAIN VALVE | | |
| 22C | BUTTERWORTH | | |

NOTE 1: 6 BARREL DRIP PAN

TRINITY MARINE

<h2 style="margin: 0;">KIRBY INLAND MARINE</h2>					
<h3 style="margin: 0;">HOT OIL</h3> <h3 style="margin: 0;">PIPING FLOW DIAGRAM</h3>					
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
					SCALE: NONE
					PAGE: 3 of 3
<h1 style="margin: 0;">KIRBY 28711</h1>					REV. 1