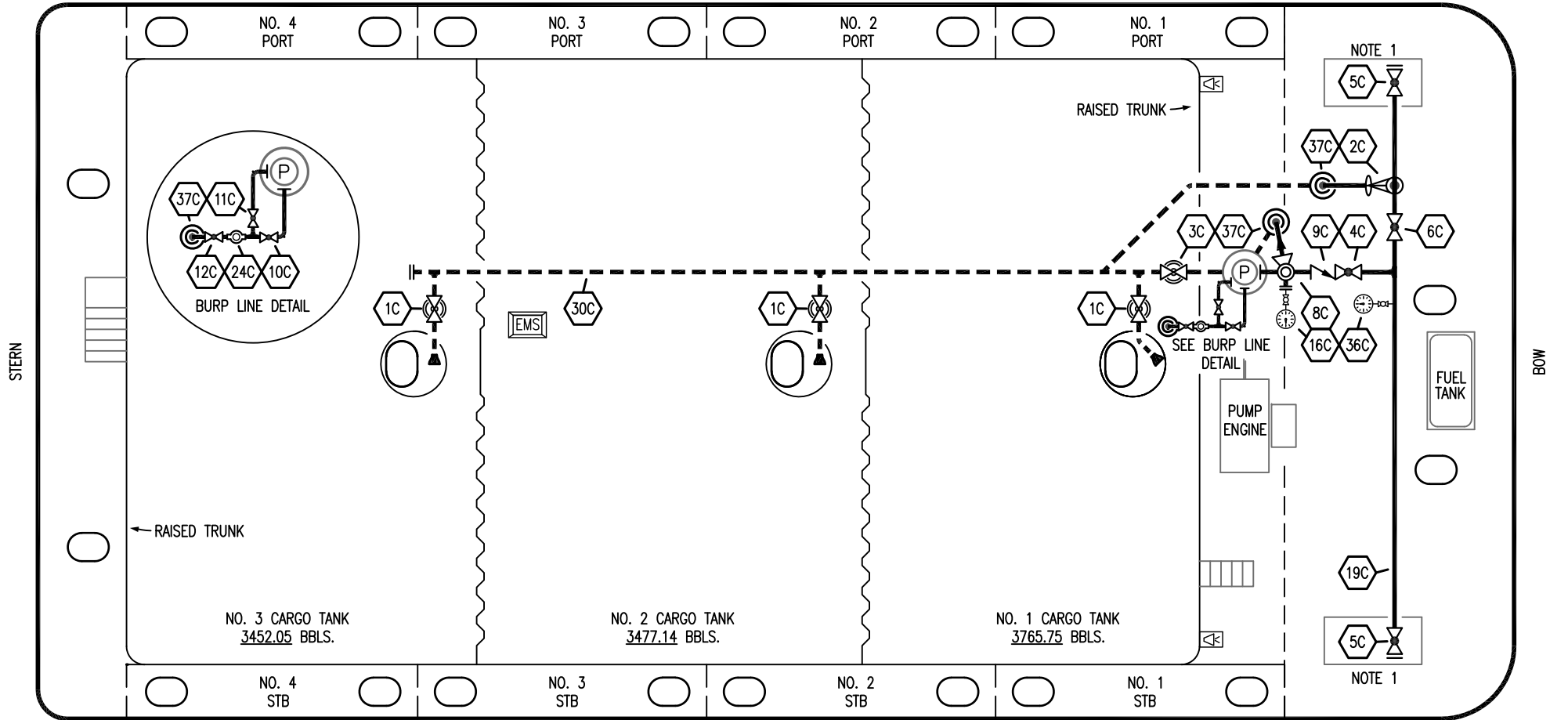


PORT



STERN

BOW

STARBOARD

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

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	04/25/24	AC	DDA	REM	REVISED PER CLIENT COMMENTS
0	09/19/13	DCB	DDA	OF	FOR APPROVAL

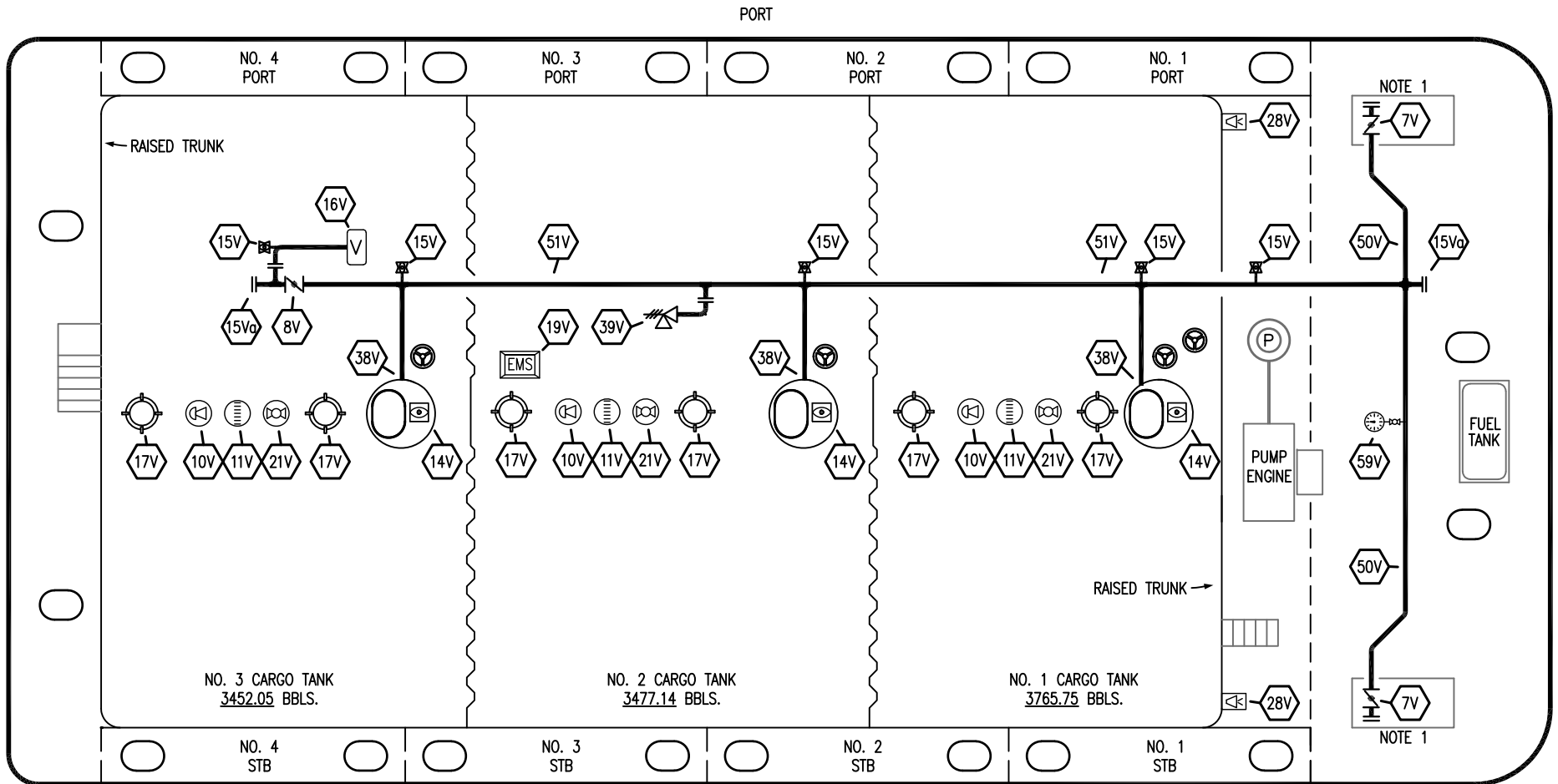
KIRBY INLAND MARINE

CARGO
PIPING FLOW DIAGRAM

KIRBY 10120

SCALE: NONE
PAGE: 1 OF 3

REV. **1**



STERN

BOW

PORT

STARBOARD

NO. 4 PORT

NO. 3 PORT

NO. 2 PORT

NO. 1 PORT

NO. 4 STB

NO. 3 STB

NO. 2 STB

NO. 1 STB

NO. 3 CARGO TANK
3452.05 BBLs.

NO. 2 CARGO TANK
3477.14 BBLs.

NO. 1 CARGO TANK
3765.75 BBLs.

NOTE 1


NOTE 1

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

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	04/25/24	AC	DDA	REM	REVISED PER CLIENT COMMENTS
0	09/19/13	DCB	DDA	OF	FOR APPROVAL

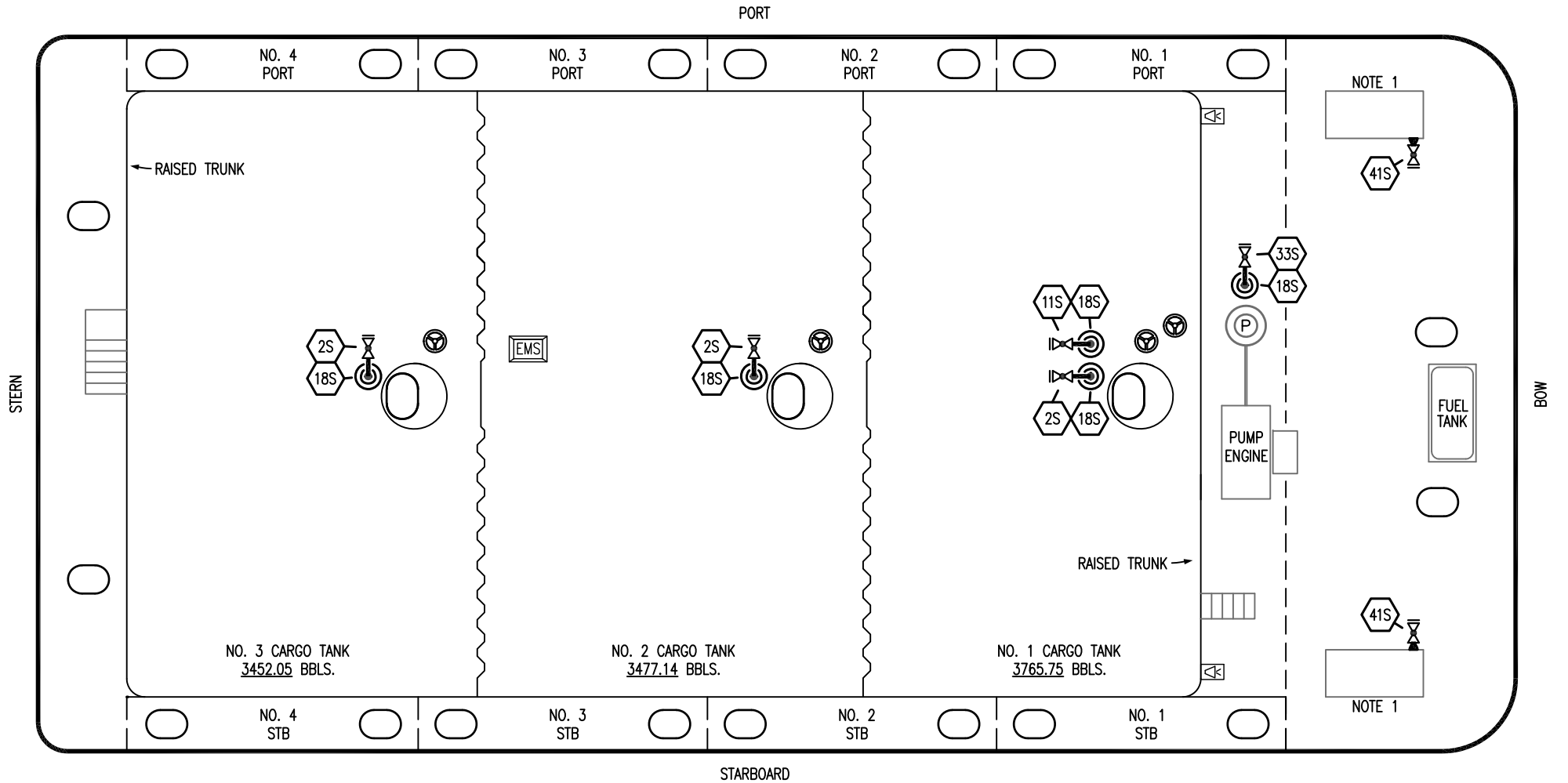



KIRBY INLAND MARINE

VAPOR PIPING FLOW DIAGRAM

KIRBY 10120

SCALE: NONE	REV. 1
PAGE: 2 OF 3	




NO	DESCRIPTION
2S	CARGO SUMP SUCTION VALVE
11S	LOWER CARGO PIPELINE SUCTION VALVE
18S	STRIPPING DROP 
33S	PUMP WELL SUCTION VALVE
41S	CONTAINMENT DRAIN VALVE W/ CAP

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	04/25/24	AC	DDA	REM	REVISED PER CLIENT COMMENTS
0	09/20/13	DCB	DDA	OF	FOR APPROVAL

KIRBY INLAND MARINE 

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE

KIRBY 10120

PAGE: 3 OF 3

REV. **1**