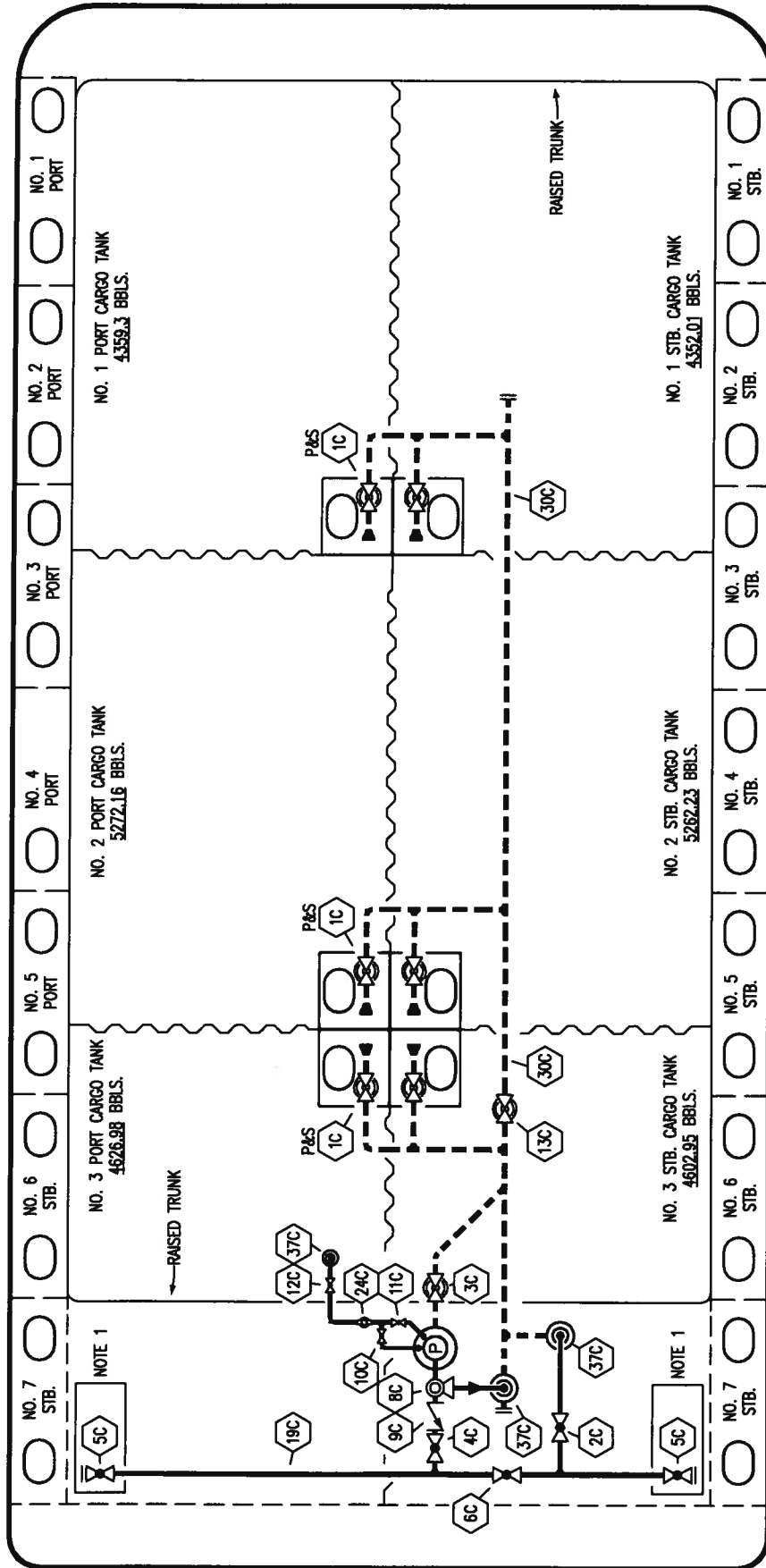


PORT



STERN

BOW

STARBOARD

NO	DESCRIPTION
1C	CARGO TANK VALVE
2C	LOAD VALVE
3C	MASTER SUCTION VALVE
4C	DISCHARGE VALVE
5C	HEADER VALVE
6C	SALVAGE VALVE
8C	RELIEF VALVE
9C	CHECK VALVE
10C	1" BURP VALVE
11C	1" BLEED OFF VALVE

NO	DESCRIPTION
12C	1" BURP VALVE RETURN TO CARGO TANK
13C	CARGO PIPING BLOCK VALVE
19C	CARGO HEADER
24C	1" PIPE FLOW INDICATOR
30C	CARGO PIPELINE
37C	CARGO DROP
---	ABOVE DECK PIPING
---	BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

WEST GULF MARINE - EX: N/A



KIRBY INLAND MARINE

CARGO

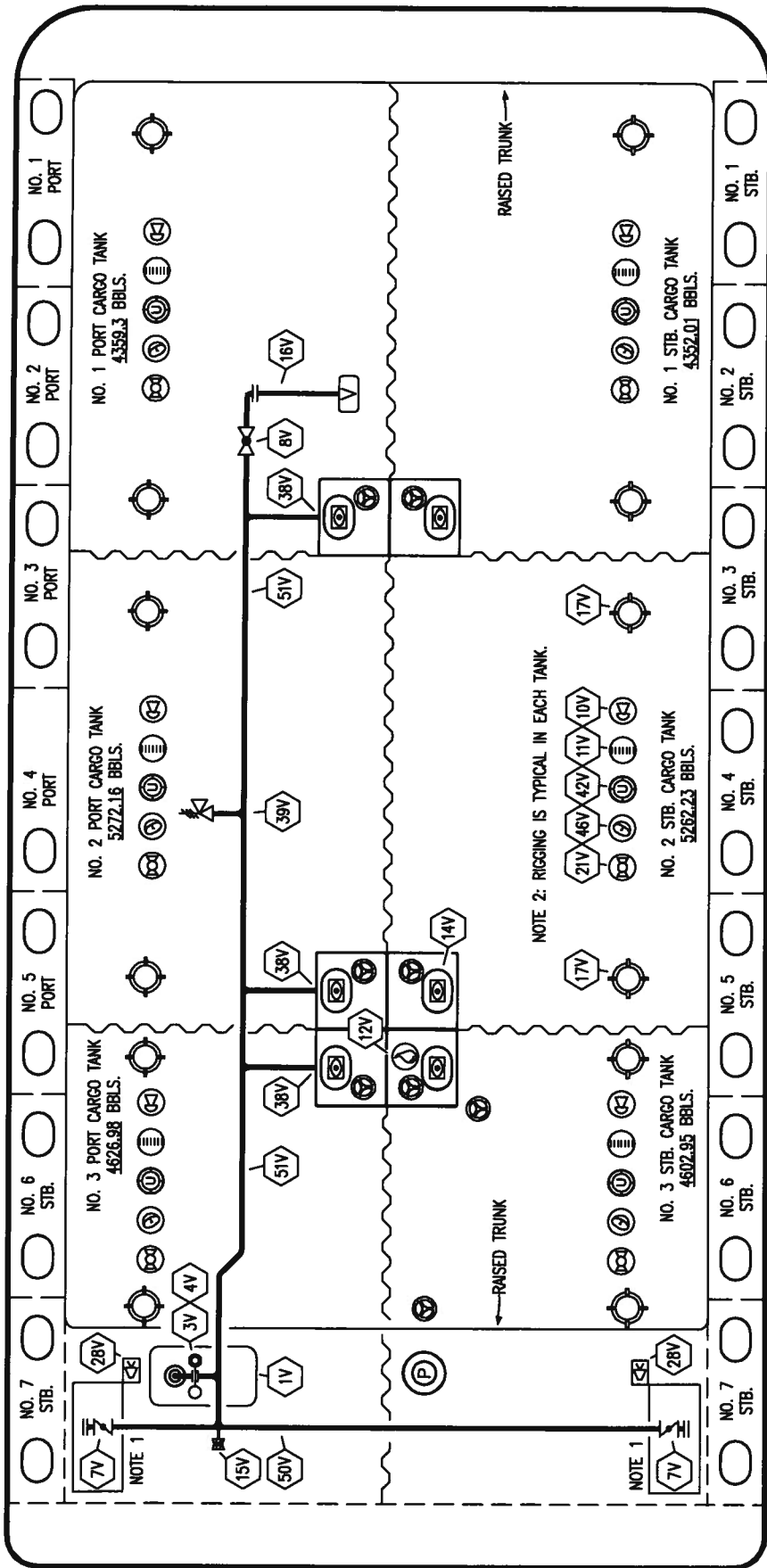
PIPING FLOW DIAGRAM

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	SCALE:	PAGE:	REV.
0	11/30/09	RB	OF	APPROVED		NONE	1 OF 3	0

KIRBY 28042

80W

PORT



STERN

STARBOARD

WEST GULF MARINE - EX: N/A

NOTE 1: CONTAINMENT P/S
NOTE 2: RIGGING IS TYPICAL IN EACH TANK.

NO	DESCRIPTION	NO	DESCRIPTION
1V	3000 GAL. SLOP TANK	16V	8" VAPOR VENT STACK
3V	2" SLOP TANK VENT PIPING	17V	20" BUTTERWORTH
4V	2" SLOP TANK SPEC VENT VALVE	21V	2" HERMETIC GAUGE
7V	8" HEADER VALVE	38V	8" VAPOR PENETRATION
8V	8" VENT STACK VALVE	39V	6" PRESS/VAC RELIEF VALVE
10V	8" HIGH LEVEL/OVERFILL ALARM	42V	8" ULLAGE HATCH
11V	8" 1-METER GAUGE STICK	46V	2" SOUNDING TUBE
12V	2" HERMETIC SAMPLE	50V	8" VAPOR HEADER
14V	8" SIGHT GLASS	51V	8" VAPOR PIPELINE
15V	2" INSPECTION PORT		ABOVE DECK PIPING



KIRBY INLAND MARINE

VAPOR
PIPING FLOW DIAGRAM

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	SCALE:	PAGE	REV.
0	11/30/09	RB	OF	APPROVED		NONE	2 OF 3	0

KIRBY 28042

