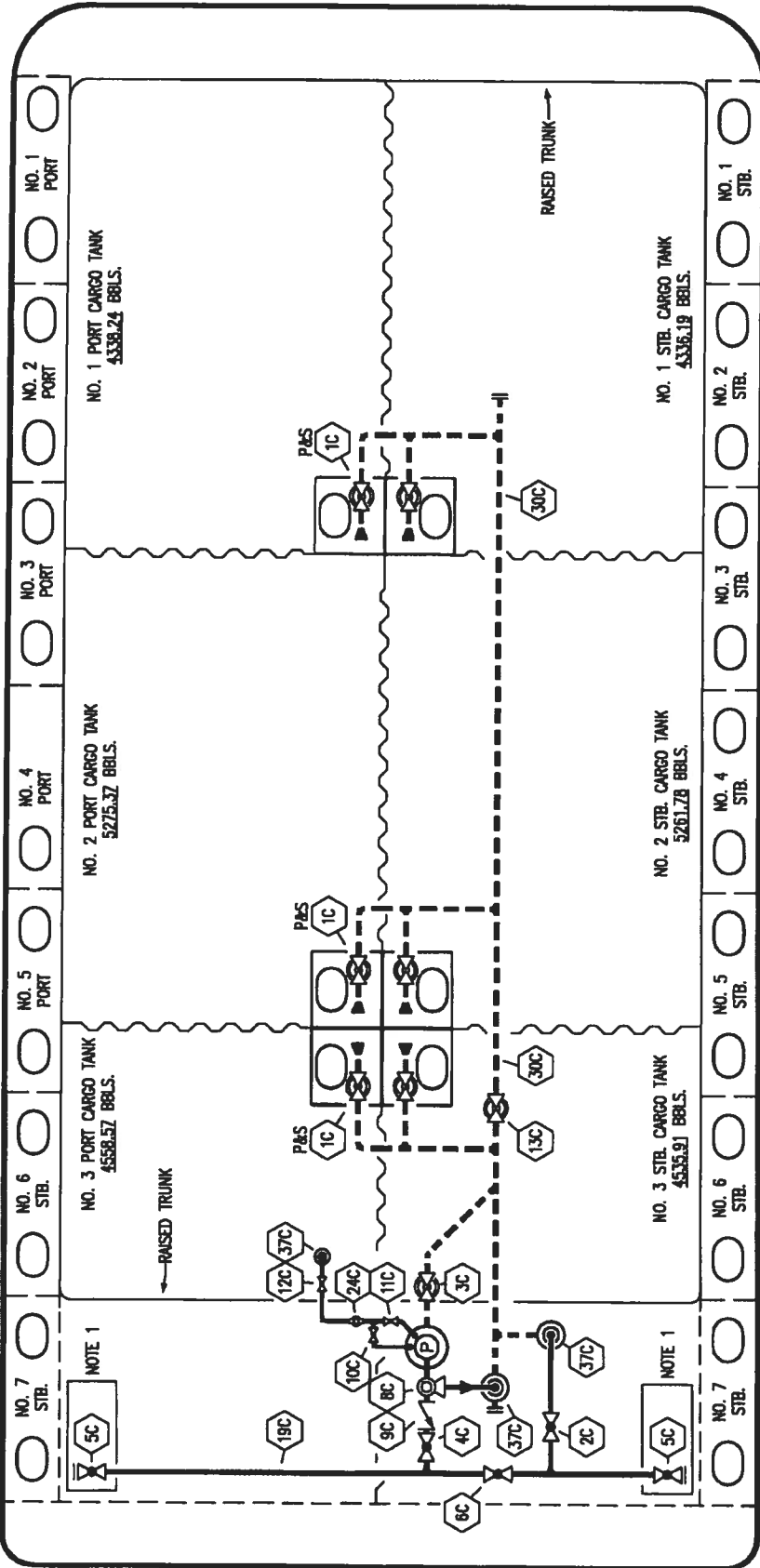


PORT



NOB

NBELS

STARBOARD

WEST GULF MARINE - EX: N/A



KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

REV. 0

KIRBY 29009

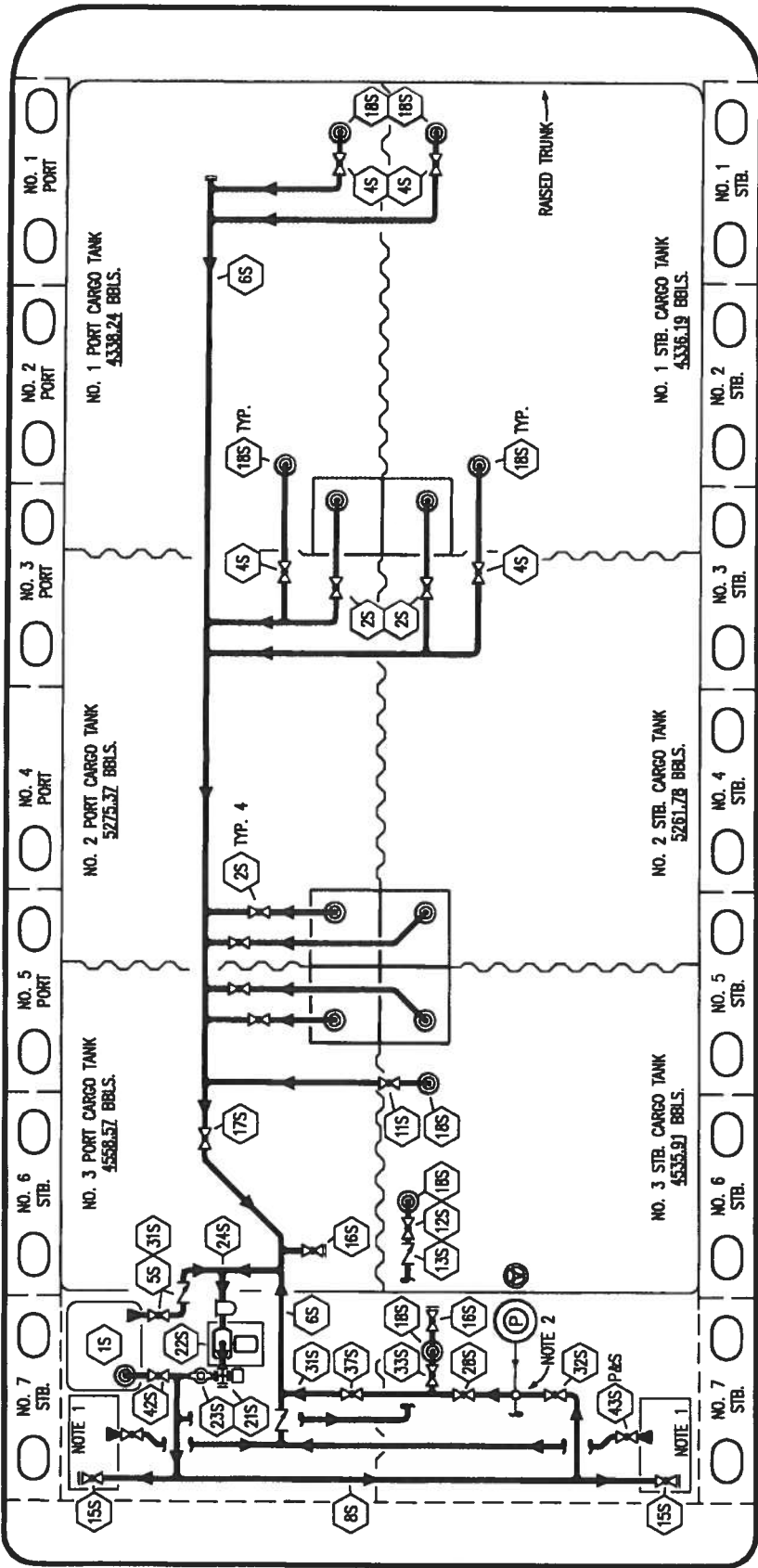
SCALE: NONE
PAGE: 1 OF 3

NO.	DESCRIPTION	NO.	DESCRIPTION
1C	CARGO TANK VALVE	12C	1" BURP VALVE RETURN TO CARGO TANK
2C	LOAD VALVE	13C	CARGO PIPING BLOCK VALVE
3C	MASTER SUCTION VALVE	19C	CARGO HEADER
4C	DISCHARGE VALVE	24C	1" PIPE FLOW INDICATOR
5C	HEADER VALVE	30C	CARGO PIPELINE
6C	SALVAGE VALVE	37C	CARGO DROP
8C	RELIEF VALVE	---	ABOVE DECK PIPING
9C	CHECK VALVE	---	BELOW DECK PIPING
10C	1" BURP VALVE		
11C	1" BLEED OFF VALVE		

NOTE 1: CONTAMINANT P/S

REV.	DATE	BY	CHK/APP	RB	OF	APPROVED	REVISION DESCRIPTION
0	12/07/09						

PORT



STERN

NO. 1 PORT CARGO TANK
4338.24 BBLS.

NO. 2 PORT CARGO TANK
5275.37 BBLS.

NO. 3 PORT CARGO TANK
4558.57 BBLS.

NO. 1 STB. CARGO TANK
4336.19 BBLS.

NO. 2 STB. CARGO TANK
5261.78 BBLS.

NO. 3 STB. CARGO TANK
4535.91 BBLS.

NO. 1 PORT

NO. 2 PORT

NO. 3 PORT

NO. 4 PORT

NO. 5 PORT

NO. 6 STB.

NO. 7 STB.

NO. 1 STB.

NO. 2 STB.

NO. 3 STB.

NO. 4 STB.

NO. 5 STB.

NO. 6 STB.

NO. 7 STB.

NO. 15 3000 GAL SLOP TANK

NO. 25 CARGO SUMP SUCTION VALVE

NO. 45 CARGO TANK SUCTION VALVE

NO. 55 SLOP TANK SUCTION VALVE

NO. 65 SUCTION HEADER PIPING

NO. 85 DISCHARGE HEADER PIPING

NO. 115 LOWER CARGO PIPELINE SUCTION VALVE

NO. 125 RETURN TO CARGO TANK VALVE

NO. 135 RETURN TO CARGO CHECK VALVE

NO. 155 HEADER DISCHARGE VALVE

NO. 165 REMOTE SUCTION CONNECTION

NO. 175 FORWARD CARGO TANK ISOLATION

NO. 185 STRIPPING DROP

NO. 215 PRIMING POT

NO. 225 STRIPPING PUMP

NO. 235 2" PPE SIGHT GLASS

NO. 245 BASKET STRAINER

NO. 285 CARGO PIPING SUCTION

NO. 315 CHECK VALVE

NO. 325 PUMP WELL PRIMER VALVE

NO. 335 PUMP WELL SUCTION VALVE

NO. 375 BLOCK VALVE

NO. 425 SLOP TANK FILL VALVE

NO. 435 DRIP PAN SUCTION VALVE

ABOVE DECK PIPING

NO. 1 CONTAINMENT P/S

NO. 2 28S & 32S CONNECT TO 8" CARGO PUMP DISCHARGE PIPING.

WEST GULF MARINE - EX: N/A

KIRBY INLAND MARINE

STRIPPING PIPING FLOW DIAGRAM

KIRBY 29009

REV.	DATE	BY	CHK/APP	REVISION DESCRIPTION
0	12/07/08	RB	OF	APPROVED

SCALE: NONE

PAGE: 3 OF 3