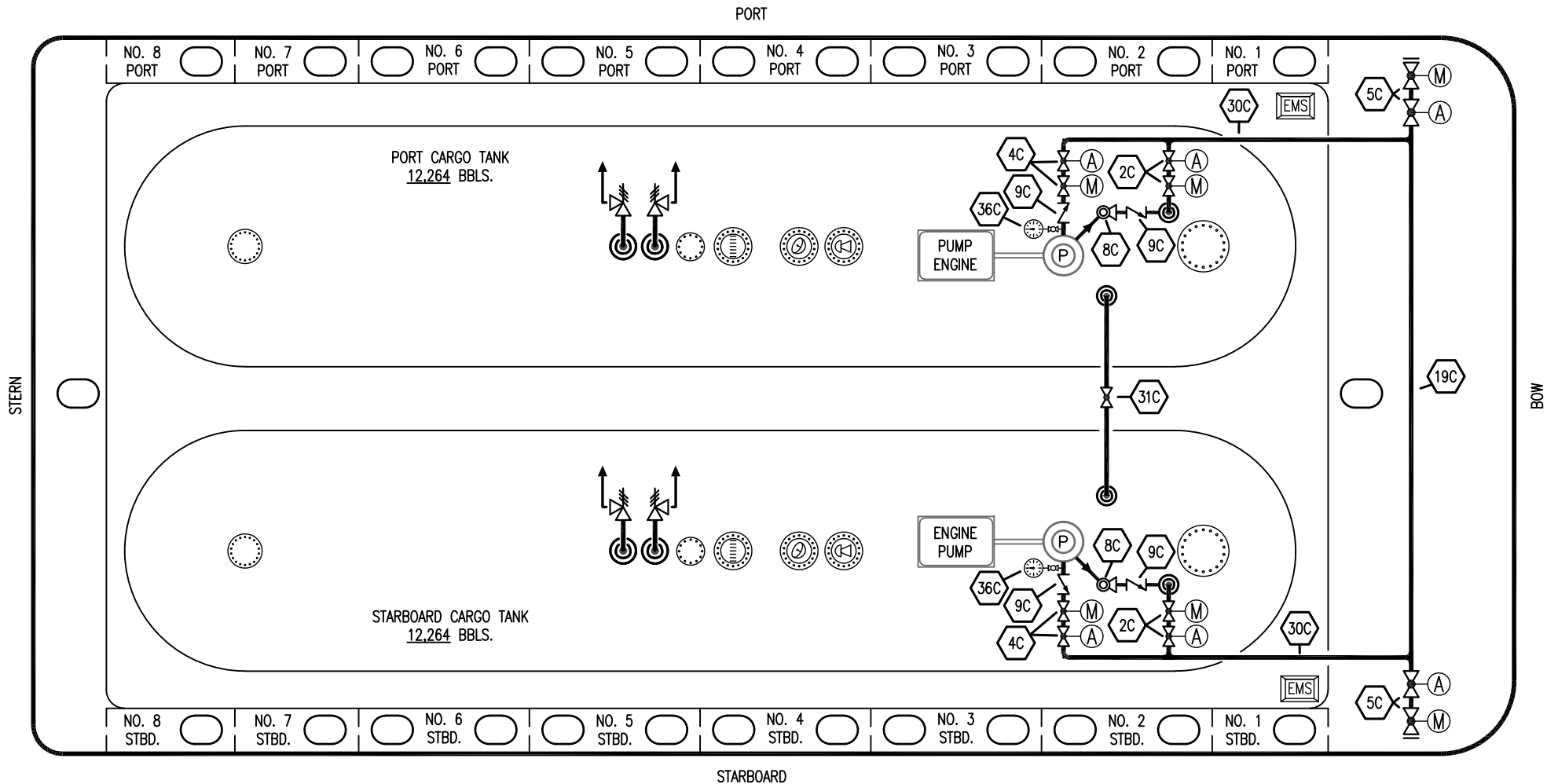




NO	DESCRIPTION
2C	LOAD VALVE
4C	DISCHARGE VALVE
5C	HEADER VALVE
8C	RELIEF VALVE
9C	CHECK VALVE
19C	CARGO HEADER
19V	EMERGENCY SHUT DOWN

NO	DESCRIPTION
30C	CARGO PIPELINE
31C	EMERGENCY SUCTION
36C	PRESSURE GAUGE
37C	CARGO DROP
⊙	ABOVE DECK PIPING
(A)	AUTOMATIC
(M)	MANUAL

0	05/19/25	MRV	DDA	FIX	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

MARINE SOLUTIONS, INC.

KIRBY INLAND MARINE

CARGO

PIPING FLOW DIAGRAM

SCALE: NONE

PAGE: 1 OF 3

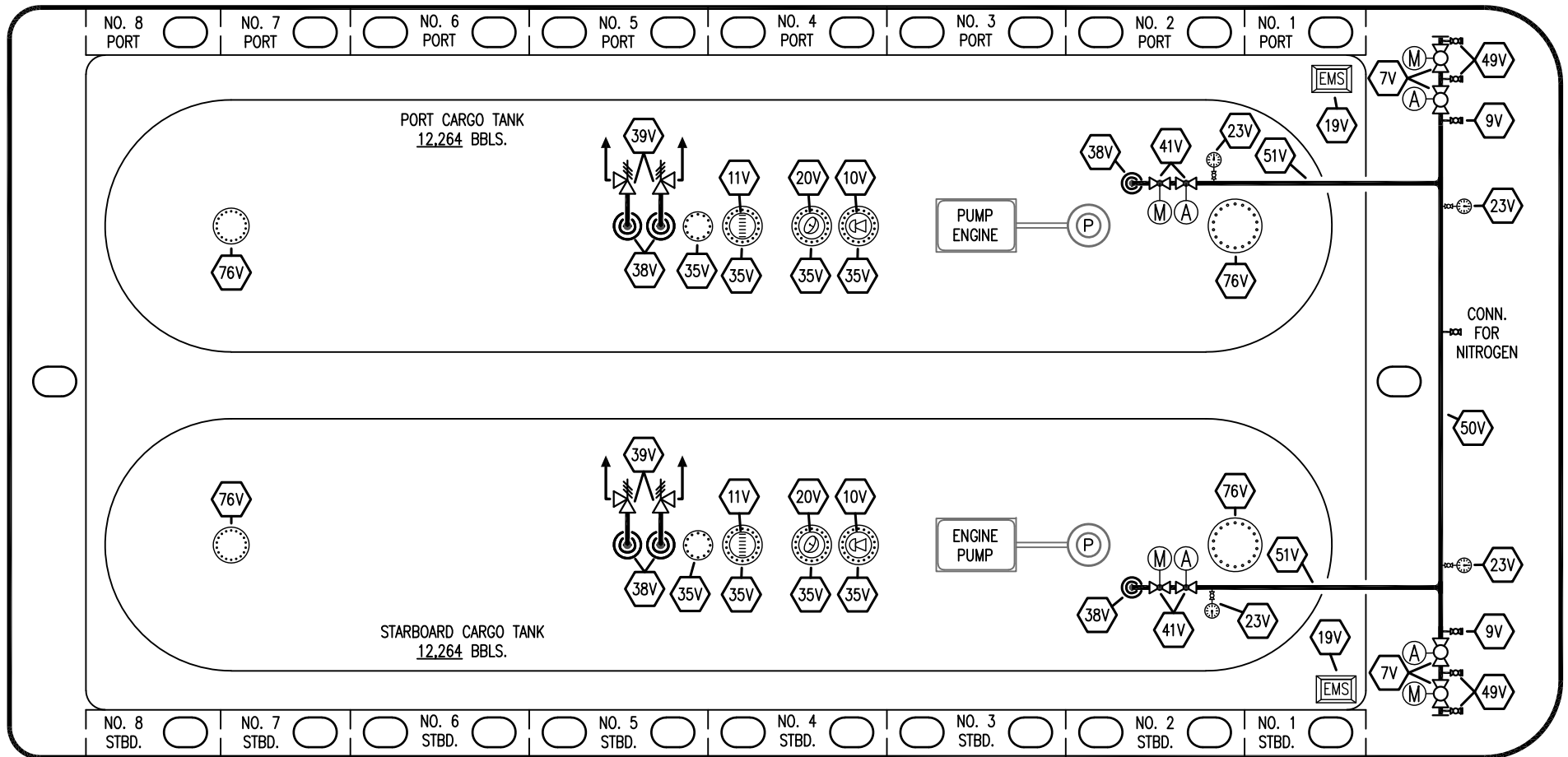
KIRBY 24800

REV. 0

PORT

STERN

BOW



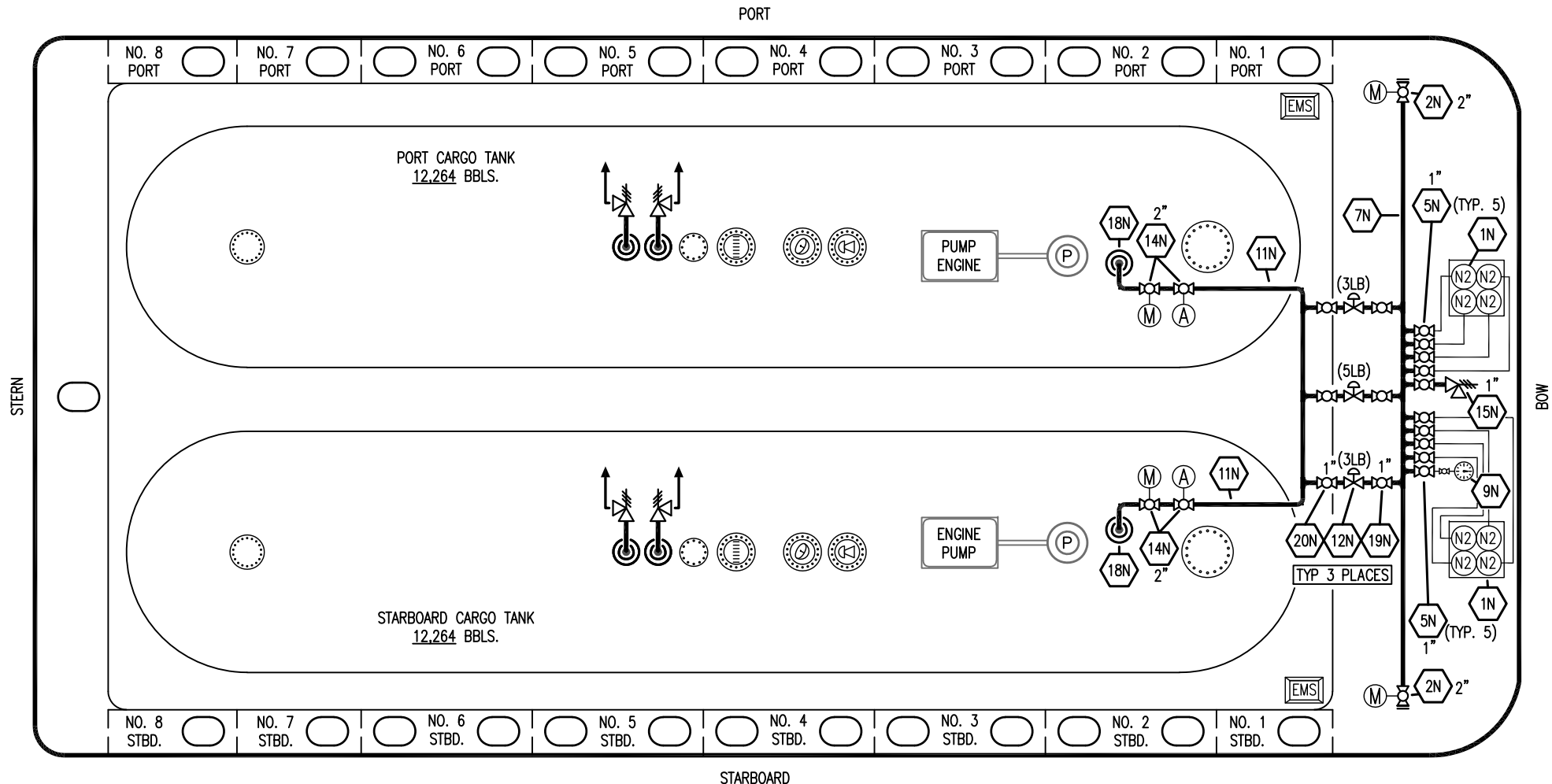
STARBOARD

NO	DESCRIPTION	NO	DESCRIPTION
7V	VAPOR HEADER VALVE	39V	RELIEF VALVE
9V	DRAIN VALVE	41V	VAPOR TANK VALVE
10V	HIGH LEVEL/OVERFILL ALARM	49V	BLEED VALVE
11V	GAUGE STICK	50V	VAPOR HEADER
19V	EMERGENCY SHUT DOWN STATION	51V	VAPOR PIPELINE
20V	RADAR GAUGING	76V	MANHOLE
23V	PRESSURE GAUGE	(M)	MANUAL
35V	NOZZLE	(A)	AUTOMATIC
38V	VAPOR DROP	—	ABOVE DECK PIPING

MARINE SOLUTIONS, INC.

						KIRBY INLAND MARINE			
						VAPOR			
						PIPING FLOW DIAGRAM			
0	05/19/25	MRV	DDA	FIX	ISSUED FOR APPROVAL	SCALE: NONE		KIRBY 24800	REV.
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	PAGE: 2 OF 3			0

REV. 0



NO	DESCRIPTION	NO	DESCRIPTION
1N	NITROGEN BOTTLES	18N	PENETRATION 
2N	NITROGEN SHORE CONNECTION	19N	REGULATOR SUPPLY
5N	N2 SUPPLY VALVE	20N	REGULATOR DISCHARGE
7N	NITROGEN HEADER	—	ABOVE DECK PIPING
9N	N2 GAUGE	(A)	AUTOMATIC
11N	NITROGEN PIPELINE	(M)	MANUAL
12N	NITROGEN REGULATOR		
15N	N2 RELIEF VALVE		

0	05/19/25	MRV	DDA	FIX	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

MARINE SOLUTIONS, INC.

KIRBY INLAND MARINE

NITROGEN PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 24800
PAGE: 3 OF 3	

REV. **0**