

NOTE 1: CONTAINMENT P&S

NO	DESCRIPTION	NO	DESCRIPTION
1C	CARGO TANK VALVE	37C	CARGO DROP
2C	LOAD VALVE	41C	SUCTION BLOCK VALVE
3C	MASTER SUCTION VALVE		ABOVE DECK PIPING
4C	DISCHARGE VALVE		BELOW DECK PIPING
5C	HEADER VALVE		
8C	RELIEF VALVE		
9C	CHECK VALVE		
19C	CARGO HEADER		
30C	CARGO PIPELINE		

ST. LOUIS SHIPYARD - EX: DXE 1118

KIRBY INLAND MARINE

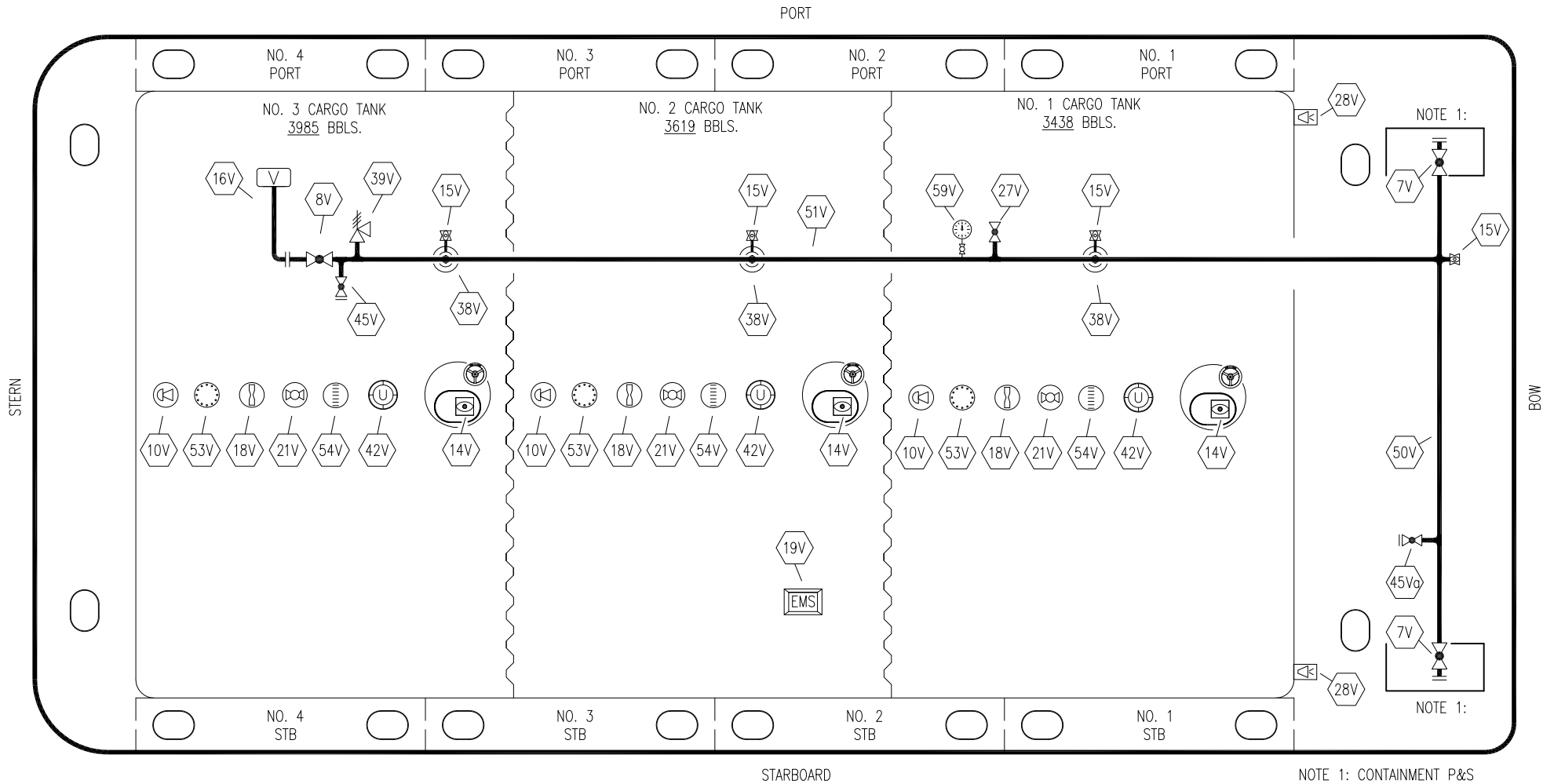
**CARGO
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	11/19/21	MRV	DDA	KW	REVISED PER CLIENT COMMENTS
1	06/12/17	WFB	DDA		REMOVED 6C SALVAGE VALVE
0	07/06/09	LT	RB	OF	APPROVED

SCALE: NONE
PAGE: 1 OF 3

KIRBY 11509

REV. **2**



NOTE 1: CONTAINMENT P&S

ST. LOUIS SHIPYARD -- EX: DXE 1118

NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	38V	8" VAPOR PENETRATION
8V	8" VENT STACK VALVE	39V	8" PRES/VAC VALVE
10V	HIGH LEVEL/OVERFILL ALARM	42V	8" ULLAGE
14V	6" SIGHT GLASS W/GAUGE TREE	45V	2" VAPOR DRAIN
15V	2" INSPECTION PORT	45Va	3/4" DRAIN VALVE
16V	8" VAPOR VENT STACK	50V	8" VAPOR HEADER
18V	2" RESTRICTIVE GAUGE TUBE	51V	8" VAPOR PIPELINE
19V	EMERGENCY SHUTDOWN SYSTEM	53V	STUB OUT
21V	2" HERMETIC GAUGE	54V	1-METER GAUGE STICK
27V	1/4" TEST VALVE CONNECTION	59V	PRES/VAC GAUGE
28V	DOCK CONNECTION ALARM		ABOVE DECK PIPING

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	11/19/21	MRV	DDA	KW	REVISED PER CLIENT COMMENTS
0	07/06/09	LT	RB	OF	APPROVED

KIRBY INLAND MARINE

VAPOR
PIPING FLOW DIAGRAM

KIRBY 11509

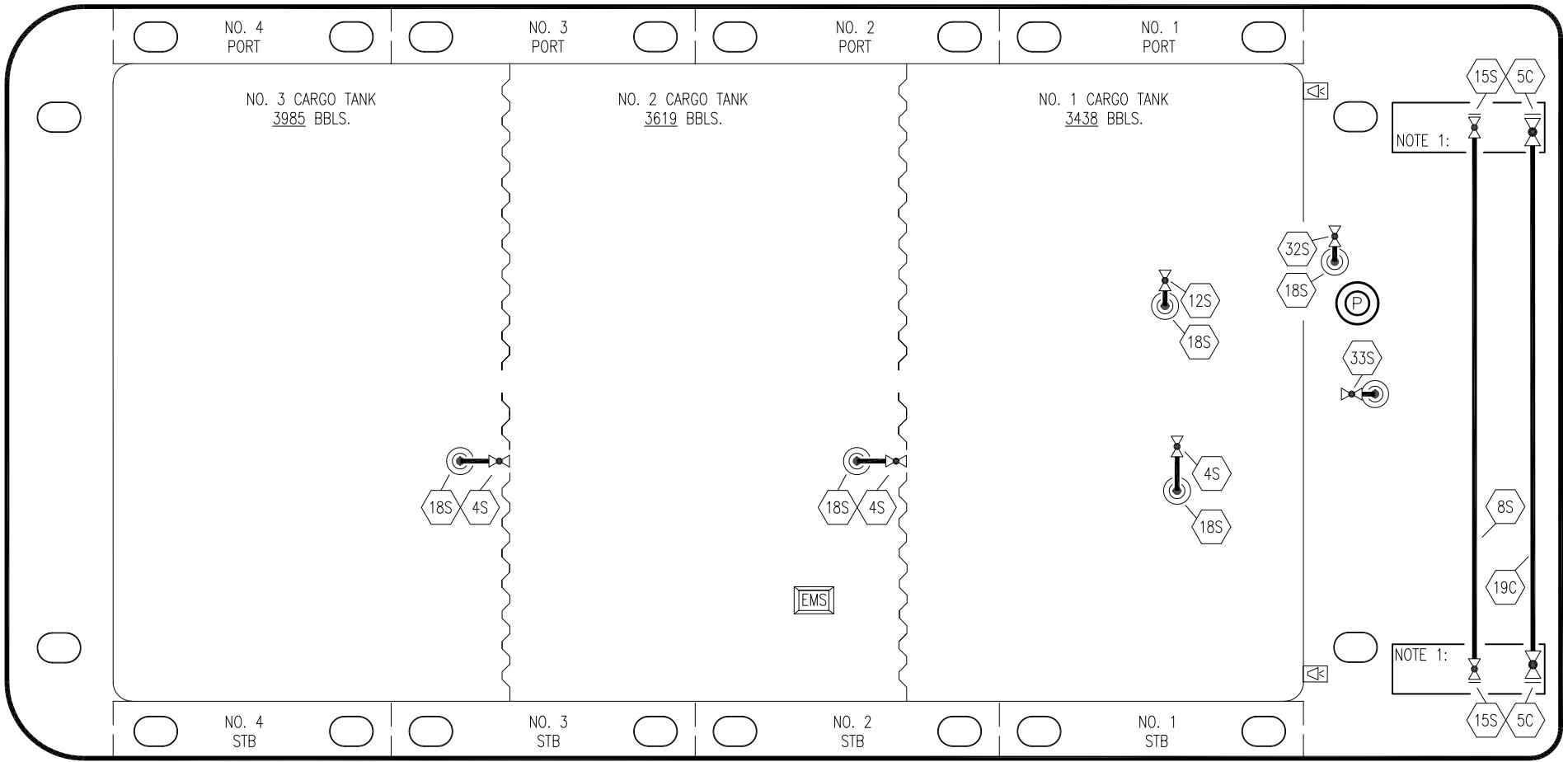
REV. 1

SCALE: NONE
PAGE: 2 OF 3

PORT

STERN

BOW



STARBOARD

NOTE 1: CONTAINMENT P&S

NO	DESCRIPTION	NO	DESCRIPTION
4S	CARGO TANK SUCTION VALVE	28S	CARGO PIPING SUCTION
5C	CARGO HEADER VALVE	31S	CHECK VALVE
5S	SLOP TANK SUCTION VALVE	32S	PUMP WELL PRIMER VALVE
6S	STRIPPING SUCTION HEADER	33S	PUMP WELL SUCTION
8S	STRIPPING DISCHARGE HEADER	36S	STRIPPING PUMP DISCHARGE VALVE
12S	RETURN TO CARGO TANK VALVE	37S	BLOCK VALVE
14S	VALVE DISCHARGE	42S	SLOP TANK FILL VALVE
15S	HEADER DISCHARGE VALVE	43S	DRIP PAN SUCTION VALVE
16S	REMOTE SUCTION CONNECTION	—	ABOVE DECK PIPING
18S	STRIPPING DROP		
19C	8" CARGO HEADER		

ST. LOUIS SHIPYARD — EX: DXE 1118

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	11/19/21	MRV	DDA	KW	REVISED PER CLIENT COMMENTS
1	07/01/11	JN	DDA		REVISED PUMP
0	07/06/09	LT	RB	OF	APPROVED

KIRBY INLAND MARINE

**STRIPPING
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 3 OF 3

KIRBY 11509 REV. **2**