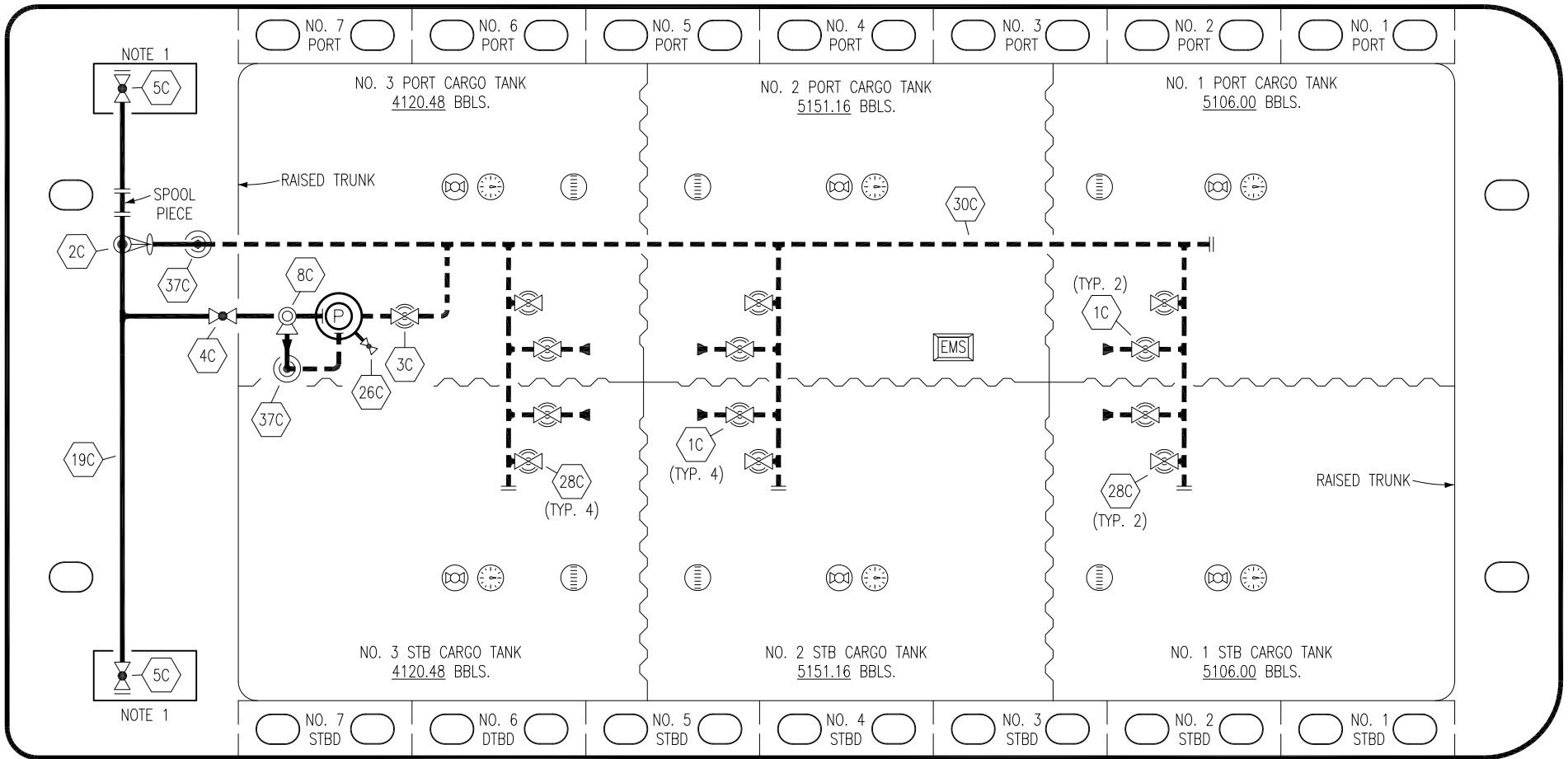


PORT

STERN

BOW

STARBOARD



NO	DESCRIPTION	NO	DESCRIPTION
1C	10" CARGO SUCTION VALVE	26C	PUMP WELL DRAIN VALVE
2C	10" LOAD VALVE	28C	10" HIGH LOAD VALVE
3C	12" MASTER SUCTION VALVE	30C	12" CARGO PIPELINE
4C	8" DISCHARGE VALVE	37C	CARGO DROP
5C	8" HEADER VALVE	—	— ABOVE DECK PIPING
8C	6" RELIEF VALVE	---	--- BELOW DECK PIPING
19C	8" CARGO HEADER		

NOTE 1: CONTAINMENT P/S

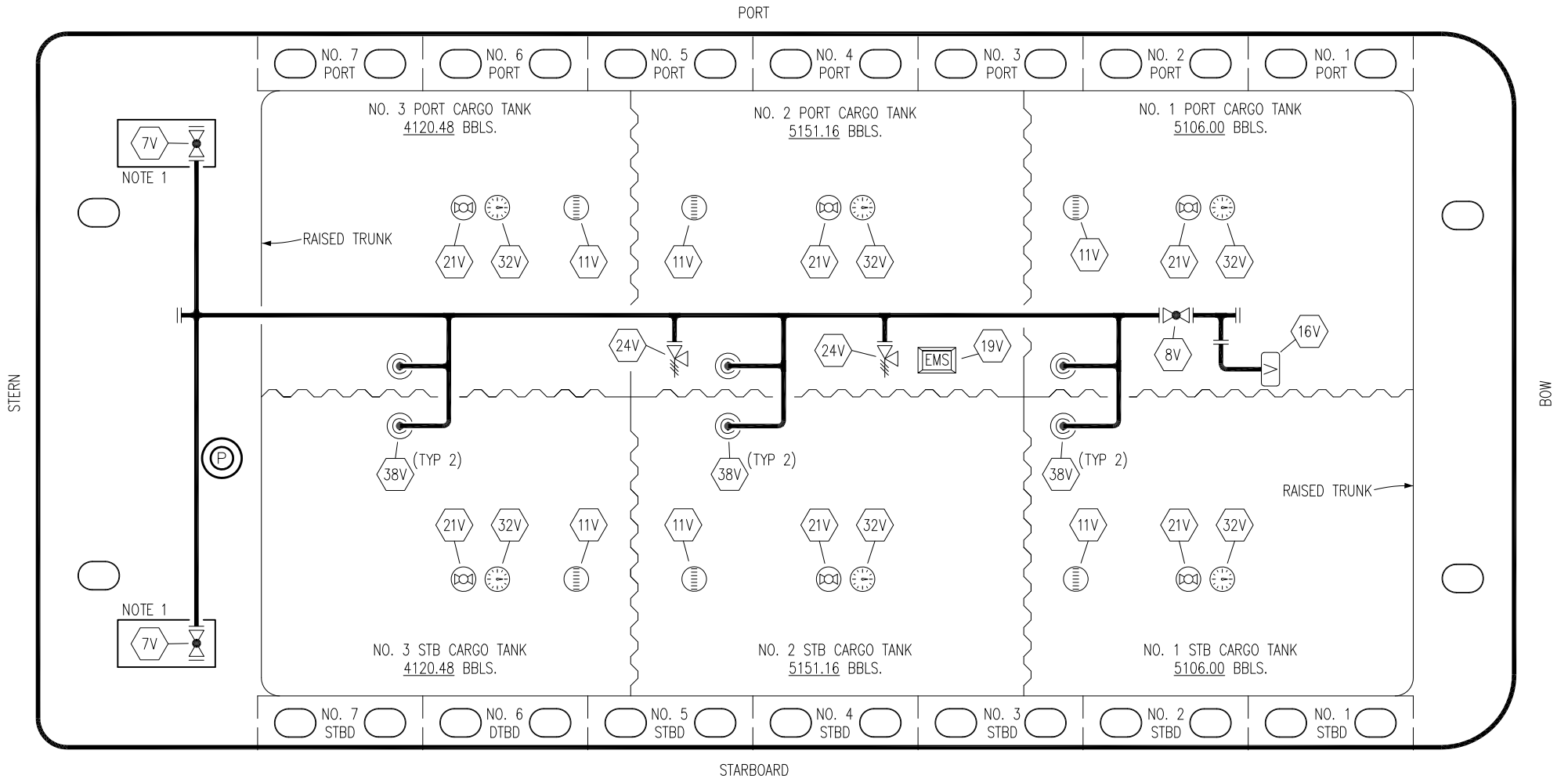
TRINITY MARINE – EX. WTC 2001–2004

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	08/02/22	MRV	DDA	MW	REVISED PER CLIENT COMMENTS
A	04/24/17	WFB	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

CARGO  
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 28748	REV.	0
PAGE: 1 OF 3		REV.	0



NO	SIZE	DESCRIPTION
7V	8"	HEADER VALVE
8V	8"	VENT STACK VALVE
11V	8"	GAUGE STICK
16V	8"	VAPOR VENT STACK
19V		EMERGENCY SHUTDOWN SYSTEM
21V	2"	HERMETIC GAUGE
24V		PRESSURE RELIEF VALVE
32V		TEMPERATURE GAUGE
38V		VAPOR DROP

— ABOVE DECK PIPING

NOTE 1: CONTAINMENT P/S

TRINITY MARINE – EX: WTC 2001–2004

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	08/02/22	MRV	DDA	MW	REVISED PER CLIENT COMMENTS
A	04/20/17	WFB	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE 

**VAPOR  
PIPING FLOW DIAGRAM**

SCALE: NONE  
PAGE: 2 OF 3

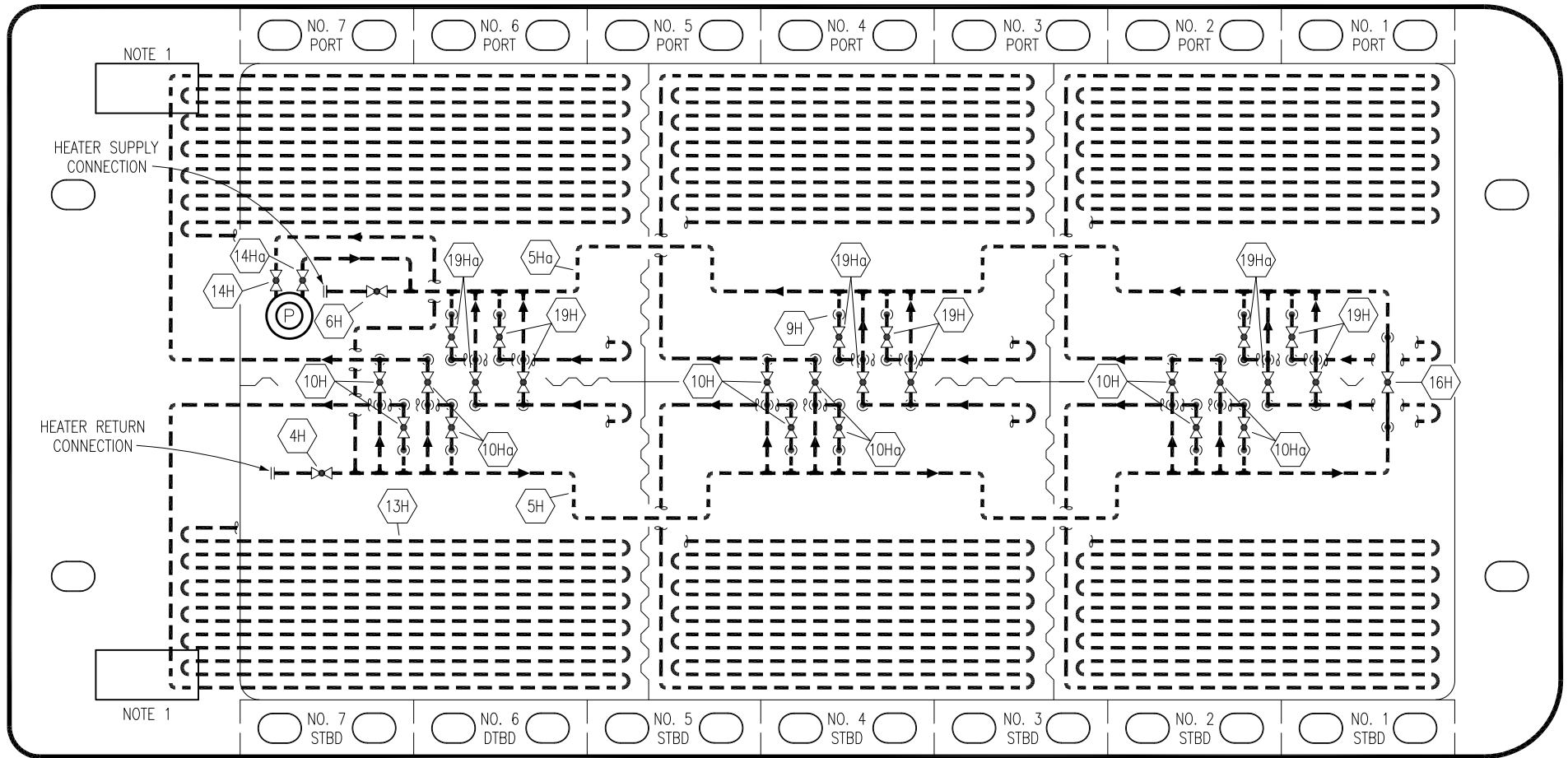
**KIRBY 28748**

REV. **0**

PORT

STERN

BOW



NO	DESCRIPTION	NO	DESCRIPTION
4H	RETURN MAIN VALVE	16H	SUPPLY/RETURN ISOLATION VALVE
5H	SUPPLY STEAM HEADER	19H	UPPER COIL RETURN VALVE
5Ho	RETURN STEAM HEADER	19Ho	LOWER COIL RETURN VALVE
6H	SUPPLY MAIN VALVE	—	—
9H	STEAM (HEATING) DROP	—	—
10H	UPPER COIL SUPPLY VALVE	—	—
10Ho	LOWER COIL SUPPLY VALVE	—	—
13H	STEAM PIPELINE	—	—
14H	PUMP SUPPLY VALVE	—	—
14Ho	PUMP RETURN VALVE	—	—

NO	DESCRIPTION
16H	SUPPLY/RETURN ISOLATION VALVE
19H	UPPER COIL RETURN VALVE
19Ho	LOWER COIL RETURN VALVE
—	—
—	—

— ABOVE DECK PIPING  
 - - - BELOW DECK PIPING

STARBOARD

NOTE 1: CONTAINMENT P/S

TRINITY MARINE — EX. WTC 2001-2004

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	08/02/22	MRV	DDA	MW	REVISED PER CLIENT COMMENTS
A	04/24/17	WFB	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE 

**HOT OIL  
 PIPING FLOW DIAGRAM**

SCALE: NONE  
 PAGE: 3 OF 3

**KIRBY 28748**

REV. **0**