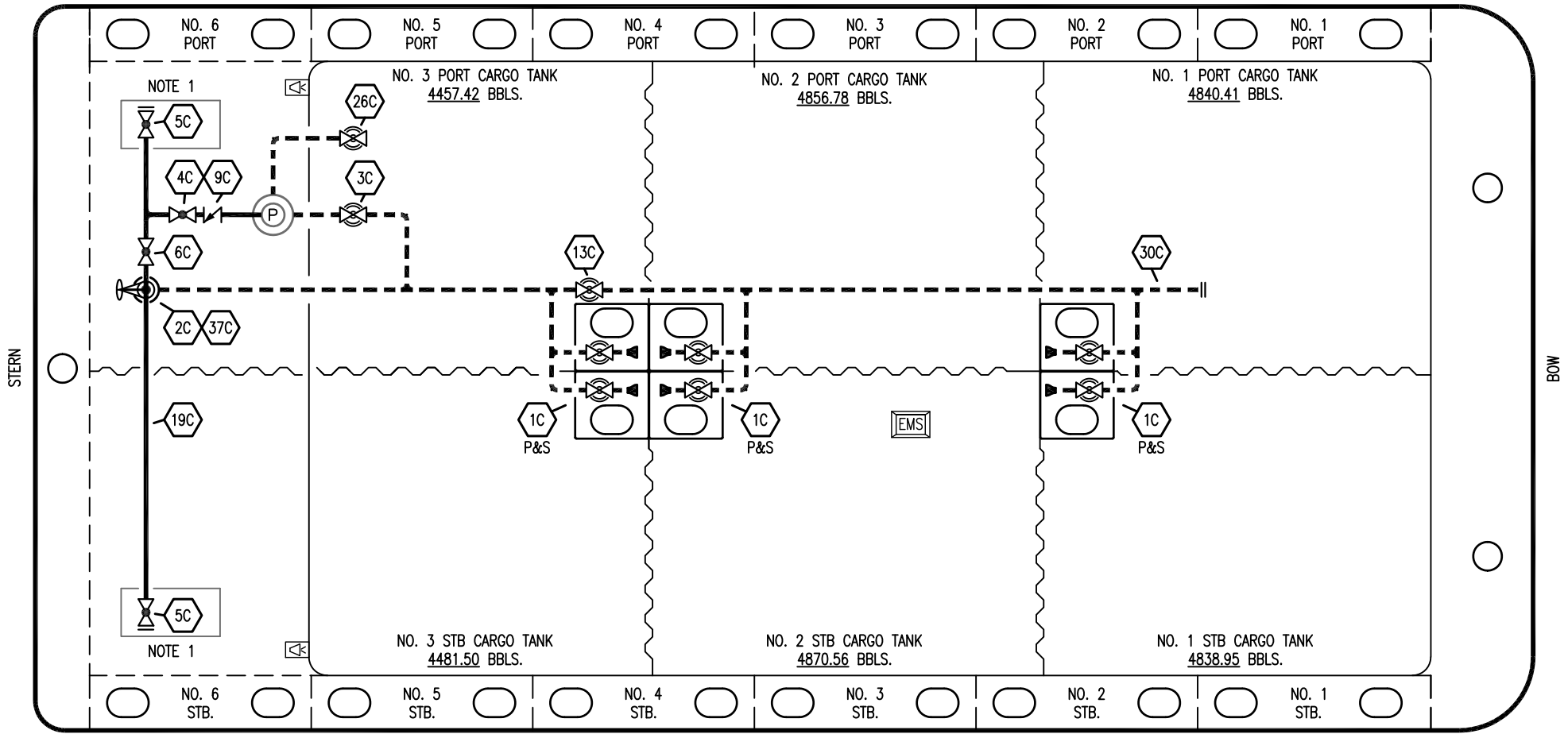


PORT



STERN

BOW

STARBOARD

- | | | | |
|-----|--------------------------|-----|-----------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1C | CARGO TANK VALVE | 19C | CARGO HEADER |
| 2C | LOAD VALVE | 26C | DRAIN VALVE |
| 3C | MASTER SUCTION VALVE | 30C | CARGO PIPELINE |
| 4C | DISCHARGE VALVE | 37C | CARGO DROP |
| 5C | HEADER VALVE | — | — ABOVE DECK PIPING |
| 6C | SALVAGE VALVE | --- | --- BELOW DECK PIPING |
| 9C | CHECK VALVE | | |
| 13C | CARGO PIPING BLOCK VALVE | | |

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

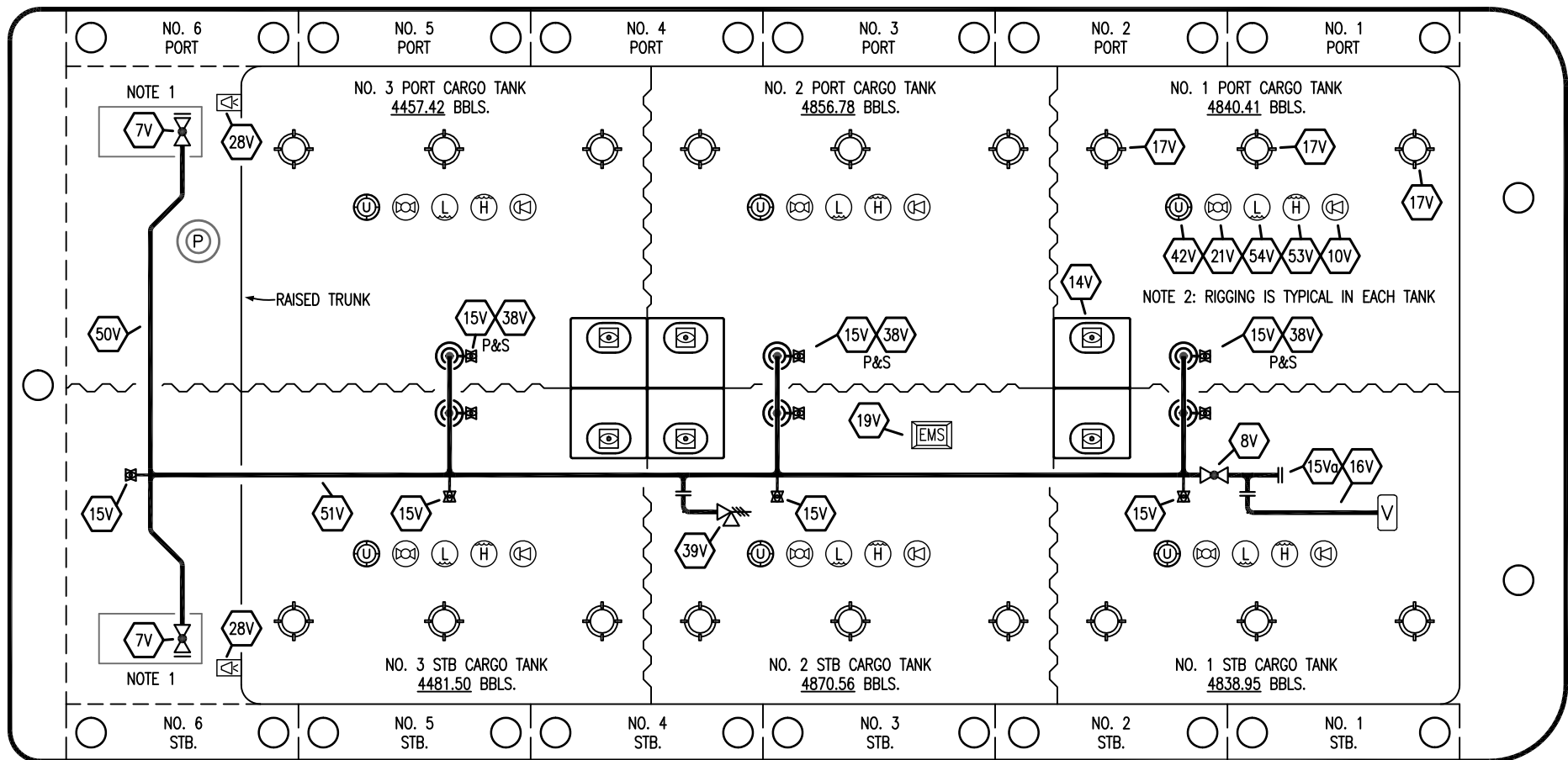
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	03/07/23	MRV	DDA	TFB	REVISED PER CLIENT COMMENTS
1	10/17/13	DCB	DDA		REVISED PIPING
0	02/01/10	RB	RB	OF	APPROVED

KIRBY INLAND MARINE

**CARGO
PIPING DIAGRAM**

SCALE: NONE	KIRBY 28725	REV. 2
PAGE: 1 OF 4		

PORT



STARBOARD

- | | | | |
|------------------|-----------------------------|-----|--------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 7V | 8" HEADER VALVE | 21V | 2" HERMETIC GAUGE |
| 8V | 8" VENT STACK VALVE | 28V | DOCK CONNECTION ALARM |
| 10V | HIGH LEVEL/OVERFILL ALARM | 38V | 8" VAPOR DROP |
| 14V | 6" SIGHT GLASS W/GAUGE TREE | 39V | 8" PRESSURE/VACUUM VALVE |
| 15V | 2" INSPECTION PORT | 42V | 8" ULLAGE HATCH |
| 15V _a | 8" INSPECTION PORT | 50V | 8" VAPOR HEADER |
| 16V | 8" VAPOR VENT STACK | 51V | 8" VAPOR PIPELINE |
| 17V | 14" BUTTERWORTH | 53V | 8" HIGH LEVEL GAUGE |
| 19V | EMERGENCY ENGINE SHUT DOWN | 54V | 8" LOW LEVEL GAUGE |
| | | | — ABOVE DECK PIPING |

NOTE 1: CONTAINMENT P/S

NOTE 2: RIGGING IS TYPICAL IN EACH TANK

TRINITY MARINE

KIRBY INLAND MARINE 

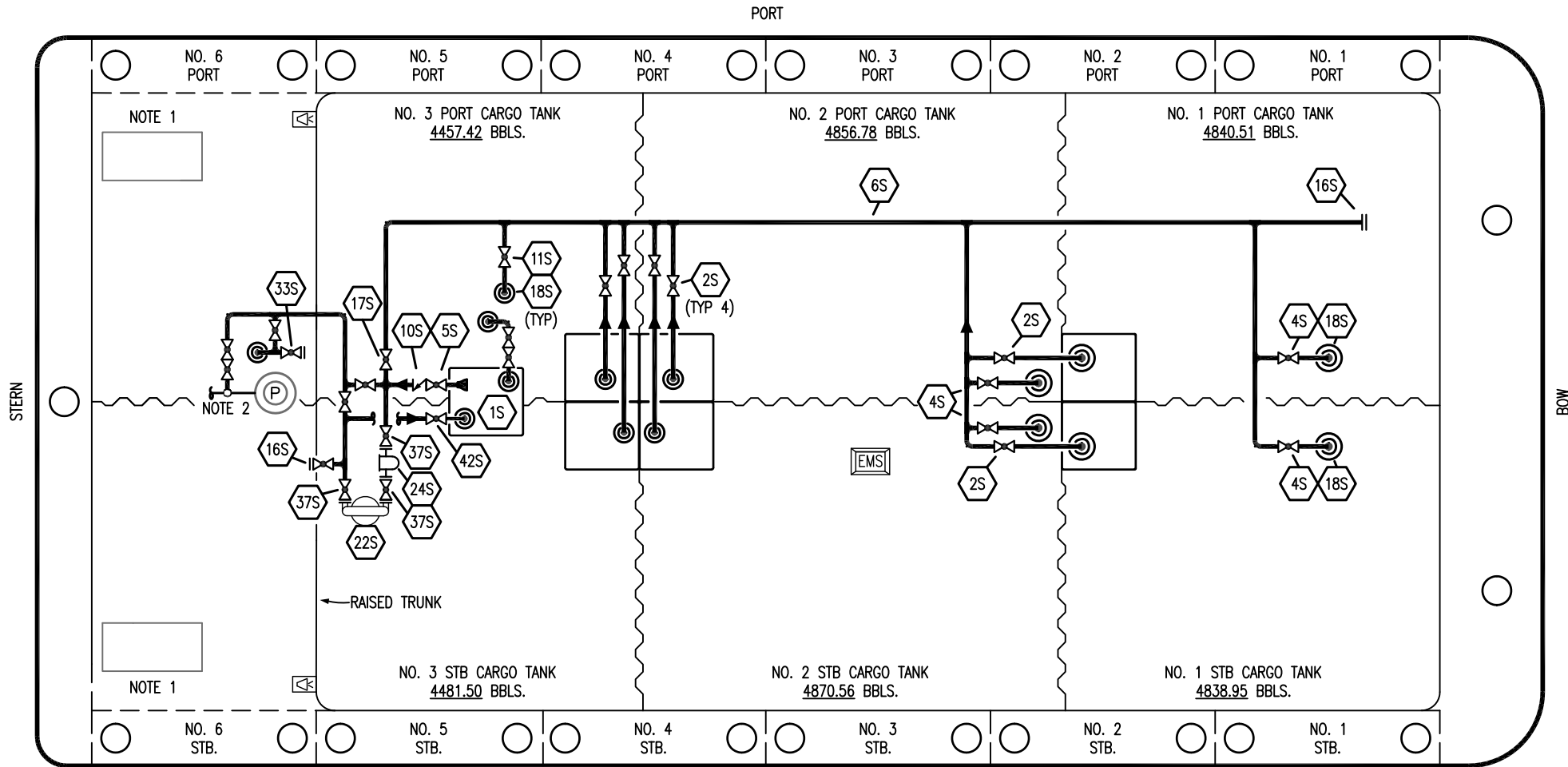
**VAPOR
PIPING DIAGRAM**

1	03/07/23	MRV	DDA	TFB	REVISED PER CLIENT COMMENTS
0	02/01/10	DB	RB	OF	APPROVED
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

SCALE: NONE
PAGE: 2 OF 4

KIRBY 28725

REV. **1**



- | | | | |
|-----------|------------------------------------|-----------|--------------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1S | SLOP TANK | 22S | 2" STRIPPING AIR PUMP |
| 2S | CARGO SUMP SUCTION VALVE | 24S | BASKET STRAINER |
| 4S | CARGO TANK SUCTION VALVE | 28S | CARGO PIPING SUCTION |
| 5S | SLOP TANK SUCTION VALVE | 31S | CHECK VALVE |
| 10S | SLOP TANK CHECK VALVE | 33S | PUMP WELL SUCTION VALVE |
| 11S | LOWER CARGO PIPELINE SUCTION VALVE | 36S | STRIPPING PUMP DISCHARGE VALVE |
| 16S | REMOTE SUCTION CONNECTION | 37S | BLOCK VALVE |
| 17S | FORWARD CARGO TANK ISOLATION | 42S | SLOP TANK FILL VALVE |
| 18S | STRIPPING DROP | | ABOVE DECK PIPING |

NOTE 1: CONTAINMENT P/S
 NOTE 2: CONNECTS TO CARGO DISCHARGE PIPING

TRINITY MARINE

KIRBY INLAND MARINE

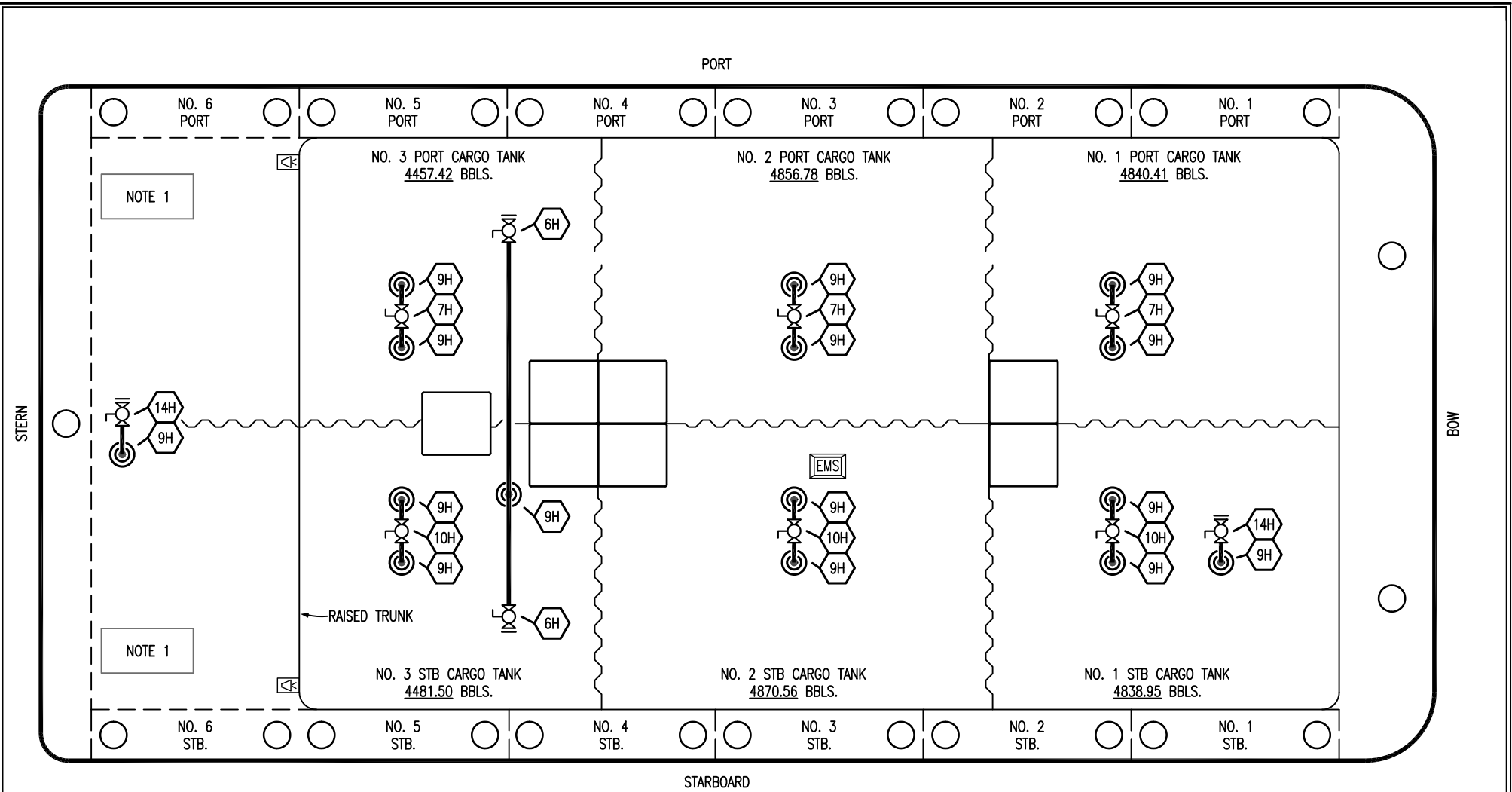
**STRIPPING
 PIPING DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	03/07/23	MRV	DDA	TFB	REVISED PER CLIENT COMMENTS
0	02/01/10	DB	RB	OF	APPROVED

SCALE: NONE
 PAGE: 3 OF 4

KIRBY 28725

REV. **1**




- | | |
|-----|-------------------------|
| NO | DESCRIPTION |
| 6H | HEADER VALVE |
| 7H | CONDENSATE OUTLET |
| 9H | STEAM DROP |
| 10H | SUPPLY VALVE |
| 14H | SHORE HEADER CONNECTION |

NOTE 1: CONTAINMENT P/S

TRINITY MARINE

1	03/07/23	MRV	DDA	TFB	REVISED PER CLIENT COMMENTS	
0	02/01/10	DB	RB	OF	APPROVED	
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	

KIRBY INLAND MARINE		
STEAM PIPING DIAGRAM		
KIRBY 28725		REV. 1

SCALE: NONE PAGE: 4 OF 4