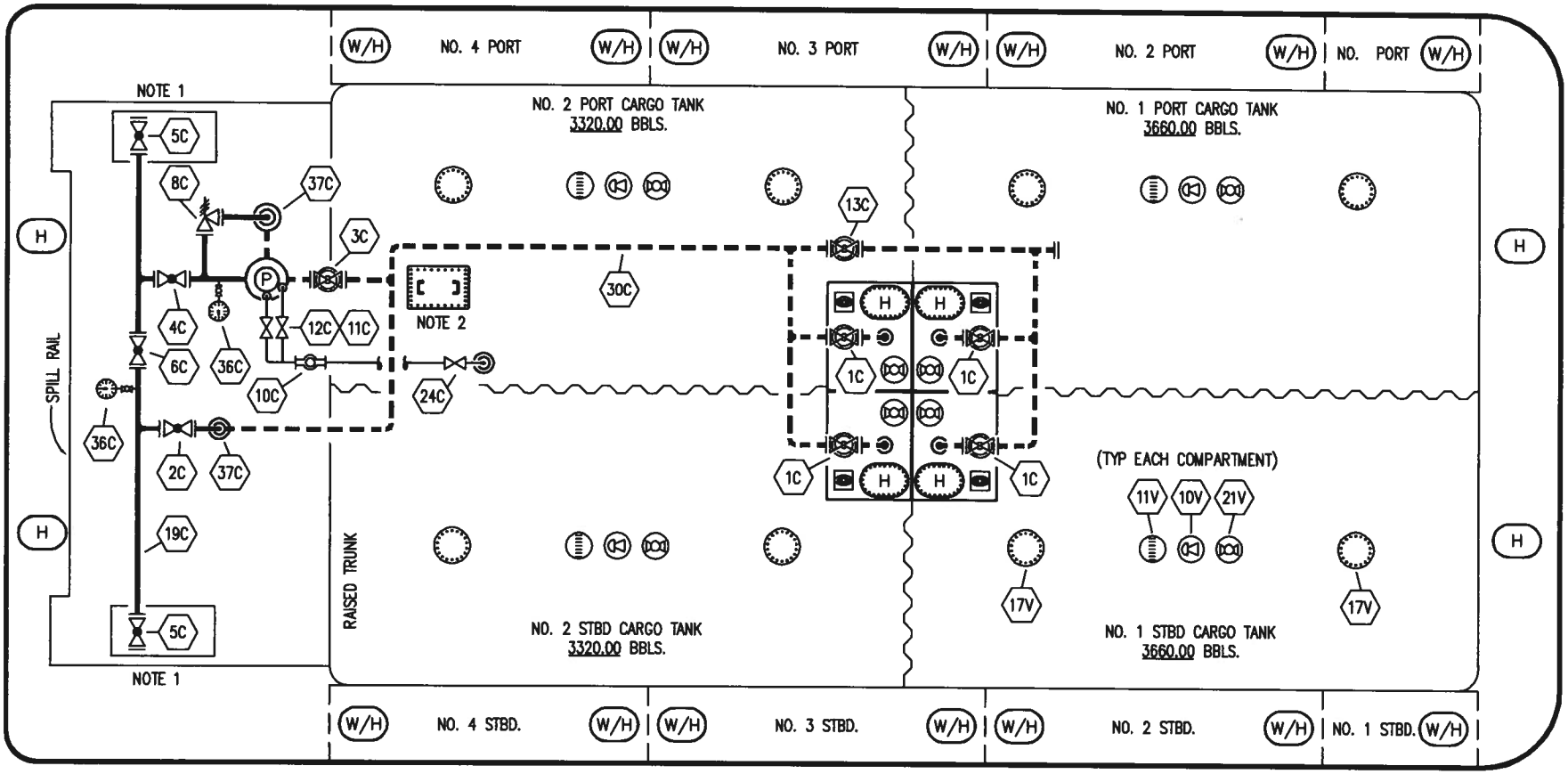


NO	DESCRIPTION
1C	CARGO TANK VALVE
2C	LOAD VALVE
3C	MASTER SUCTION VALVE
4C	DISCHARGE VALVE
5C	HEADER VALVE
6C	SALVAGE VALVE
8C	RELIEF VALVE
10C	BURP VALVE
11C	BLEED OFF VALVE
12C	BURP VALVE RETURN TO CARGO TANK

NO	DESCRIPTION
13C	CARGO PIPING BLOCK VALVE
19C	CARGO HEADER
24C	FLOW INDICATOR
30C	CARGO PIPELINE
36C	PRESSURE GAUGE
37C	CARGO DROP
10V	HIGH LEVEL/OVERFILL ALARM
11V	GAUGE STICK
17V	BUTTERWORTH
21V	HERMETIC GAUGE

NOTE 1: CONTAINMENT AREA

NOTE 2: HATCH HANDLES REQUIRED

ABOVE DECK PIPING

BELOW DECK PIPING

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	04/01/09	WK	RB	OF	APPROVED

KIRBY INLAND MARINE

CARGO

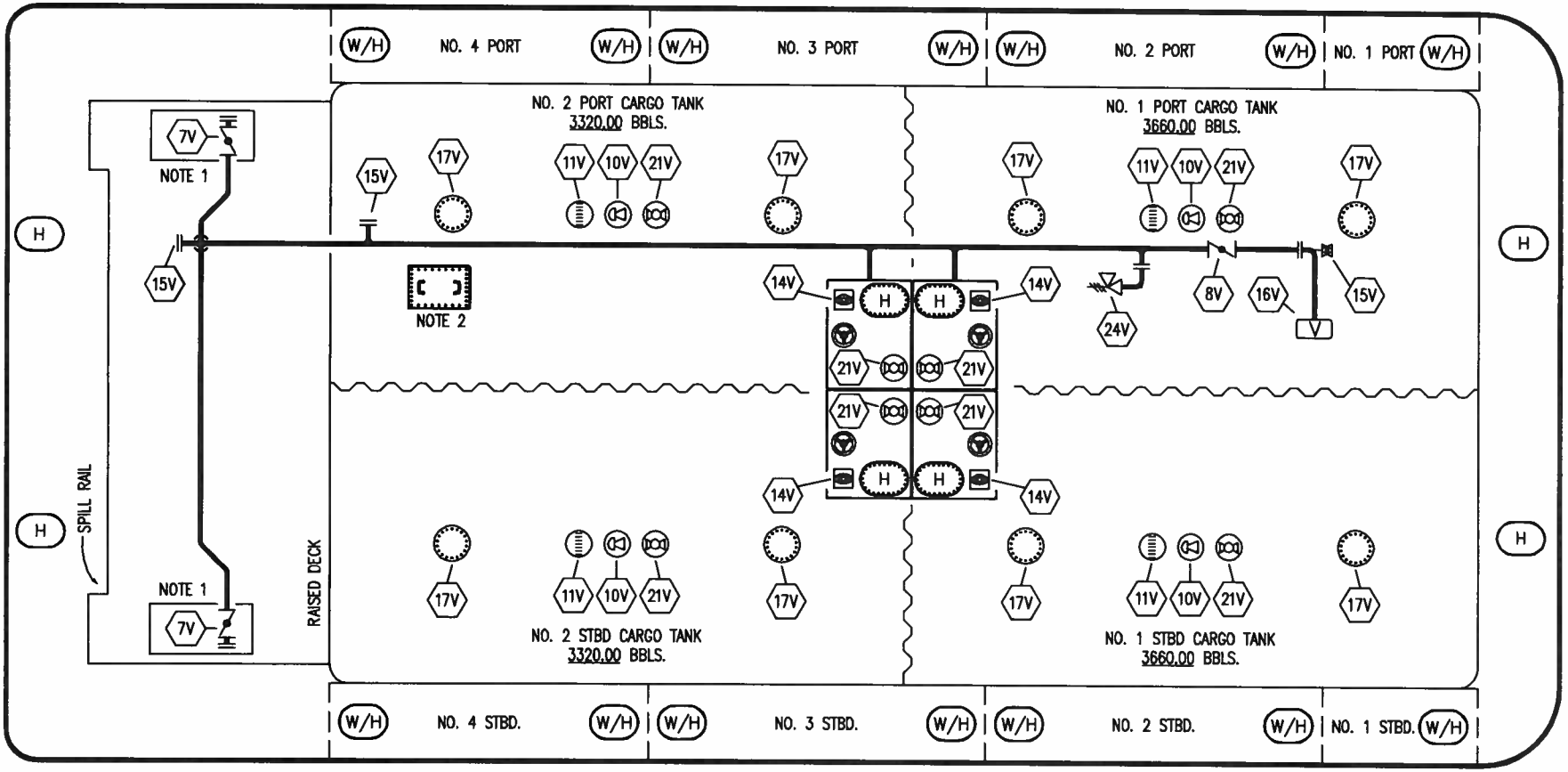
PIPING FLOW DIAGRAM

SCALE: NONE

PAGE: 1 OF 3

KIRBY 13023B

REV. 0



NO	DESCRIPTION
7V	HEADER VALVE
8V	VENT STACK VALVE
10V	HIGH LEVEL/OVERFILL ALARM
11V	GAUGE STICK
14V	SIGHT GLASS
15V	INSPECTION PORT
16V	VAPOR VENT STACK
17V	BUTTERWORTH
21V	HERMETIC GAUGE
24V	PRESSURE RELIEF VALVE

NO	DESCRIPTION
50V	VAPOR HEADER
51V	VAPOR PIPELINE
—	ABOVE DECK PIPING

NOTE 1: CONTAINMENT AREA
NOTE 2: HATCH HANDLES REQUIRED

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	04/01/09	WK	RB	OF	APPROVED

KIRBY INLAND MARINE

VAPOR

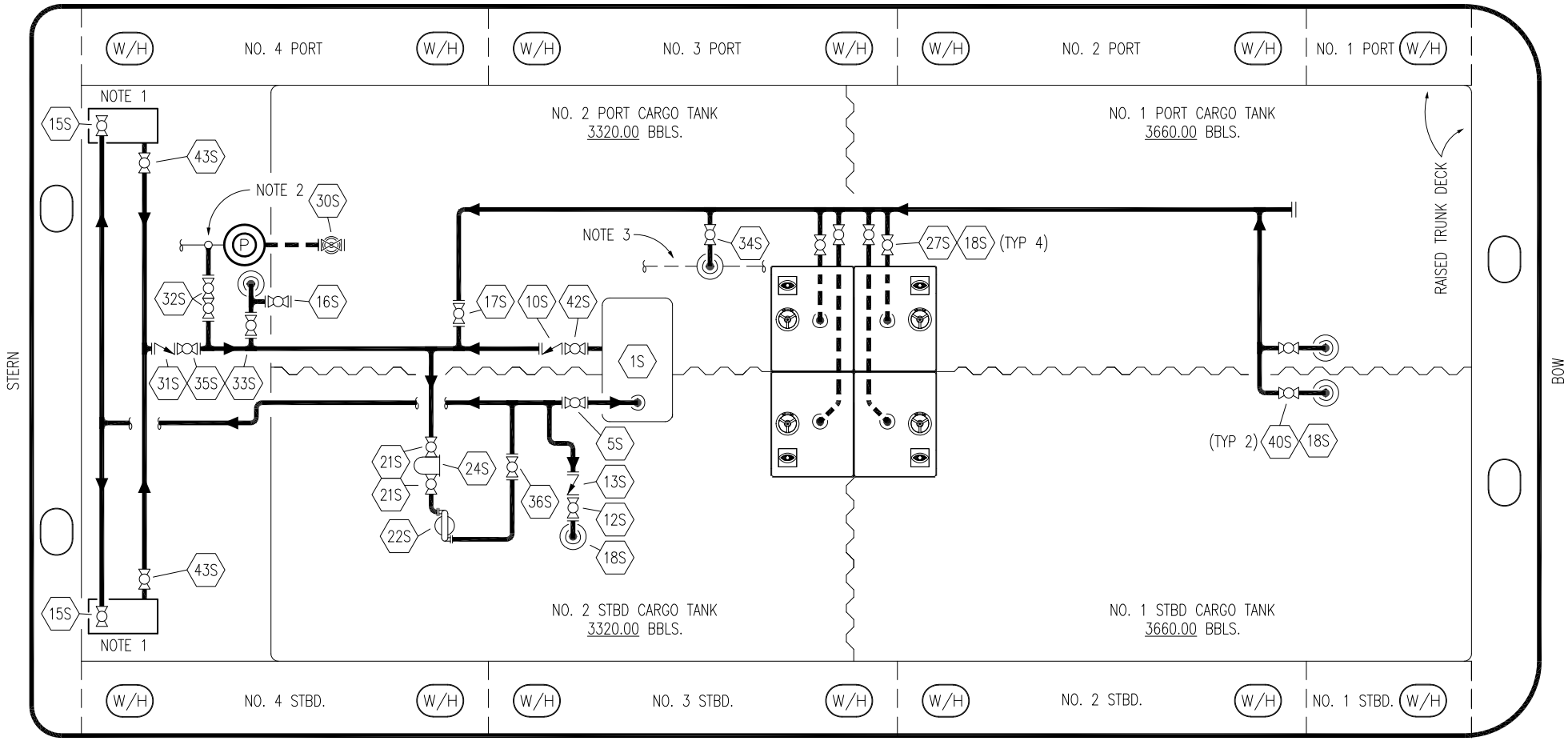
PIPING FLOW DIAGRAM

SCALE: NONE

PAGE: 2 OF 3

KIRBY 13023B

REV. 0



NO	DESCRIPTION
1S	SLOP TANK
5S	SLOP TANK SUCTION VALVE
7S	SLOP TANK VALVE
10S	SLOP TANK CHECK VALVE
12S	RETURN TO CARGO TANK VALVE
13S	RETURN TO CARGO CHECK VALVE
15S	DISCHARGE CARGO VALVE
16S	REMOTE SUCTION CONNECTION
17S	FORWARD CARGO TANK ISOLATION
18S	TYP. STRIPPING PENETRATION
21S	BLOCK VALVE

NO	DESCRIPTION
22S	PNEUMATIC PUMP
24S	BASKET STRAINER
27S	SUMP SUCTION
30S	STRIP DEEP WELL VALVE
31S	CHECK VALVE
32S	PUMP WELL PRIMER VALVE
33S	PUMP WELL SUCTION
34S	PIPELINE LOWER POINT SUCTION
35S	STRIPPING VALVE
36S	STRIPPING PUMP DISCHARGE

NO	DESCRIPTION
40S	CARGO TANK SUCTION
42S	SLOP TANK DISCHARGE VALVE
43S	DRIP PAN SUCTION VALVE

NOTE 1: CONTAINMENT P/S

NOTE 2: CONNECT TO CARGO RELIEF DISCHARGE LINE

NOTE 3: CONNECT TO CARGO PIPELINE

ABOVE DECK PIPING

BELOW DECK PIPING

TRINITY MARINE

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	07/24/19	NRB	DDA		REVISED PER CLIENT COMMENTS
0	04/01/09	WK	RB	AB	APPROVED

KIRBY INLAND MARINE

STRIPPING

PIPING FLOW DIAGRAMS

SCALE: NONE

PAGE: 3 OF 3

KIRBY 13023B

REV. **1**