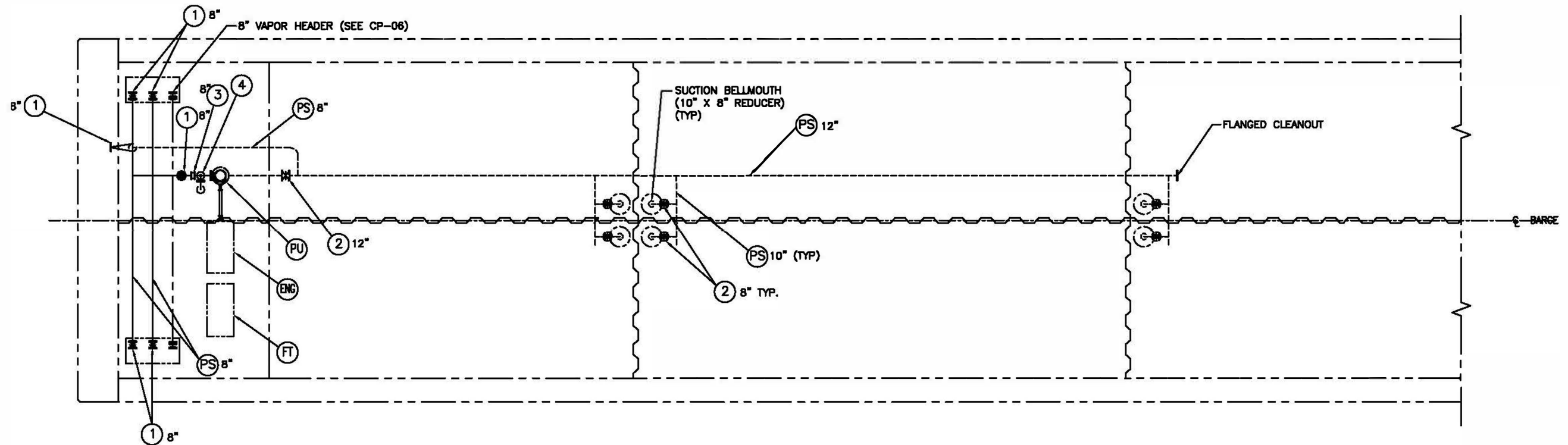


E2MS 314 - Cargo Pipeline Diagram

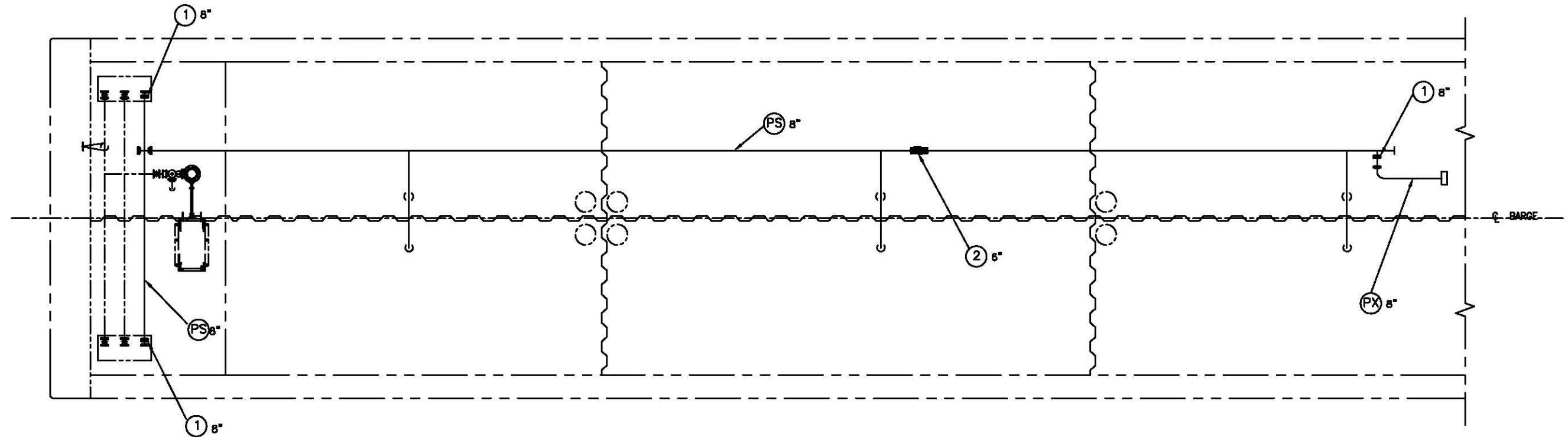


LIST OF MATERIALS

[illegible]

REV	ITEM	DESCRIPTION	DATE	BY
		REVISIONS		
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 THURTY MARINE PRODUCTS, INC. 1000 VINTY DRIVE - RAILROAD CITY, TN 37066				
E-SQUARED MARINE SERVICES, LLC. 297'-6 X 54' X 12'-0 DOUBLE-SKIN TANK BARGE CARGO PIPING DIAGRAM				
SCALE: NTS		DATE: 12/15/16		DWG NO.
DRAWN BY: BP	CK'D BY:	APPR BY:		CP-02
YARD:		TAG NO. 96274		SHT 1 OF 1
HULL NO. E2MS 314		SHOP ORDER:		REV. 0

E2MS 314 Vapor Piping Diagram



LIST OF MATERIALS

[illegible]

GENERAL NOTES

1. ALL PIPING TO MEET USCG II REGULATIONS.
2. BACKING RINGS SHALL BE USED AT BUTT WELD JOINTS 2" AND LARGER
3. PIPES PASSING THROUGH WATER/OIL TIGHT BOUNDARIES TO BE WELDED BOTH SIDES.
4. VAPOR SYSTEM:

PRESSURE, WORKING	100 PSI
DESIGN	125 PSI
TEST	187.5 PSI
RELIEF VALVE	1.5 PSI
5. MATERIAL TO BE AS SPECIFIED OR EQUAL.
6. LABELS TO BE INSTALLED ON ALL VALVES WHERE REQUIRED TO IDENTIFY SERVICE.

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 TRINITY MARINE PRODUCTS, INC. TANK BARGE DIVISION 1620 Midway Road - Jackson City, TN 37615				
E-SQUARED MARINE SERVICES, LLC. <u>297'-6 X 54' X 12'-0 DOUBLE-SKIN TANK BARGE</u> VAPOR PIPING DIAGRAM				
SCALE: NTS		DATE: 12/15/18		DWG NO. CP-06 SHT 1 OF 1
DRAWN BY: BP		CHK'D BY:		
YARD:		TAG NO. 96274		
HULL NO. E2MS 314		SHOP ORDER:		REV. 0

E2MS 314 Stripping Piping Diagram

The diagram illustrates the stripping piping system for E2MS 314. It features a horizontal main line with several components and connections:

- SLOP TANK:** A rectangular tank at the top left, connected to the main line via a vertical pipe.
- Stripping Line:** A horizontal line running across the middle, labeled "STRIPPING LINE TO LONG'L CARGO LINE BELOW".
- Connections and Valves:**
 - A vertical connection labeled "1 2\" TYP." on the left side.
 - A vertical connection labeled "2 2\" on the left side, near the slop tank.
 - A vertical connection labeled "3 1 1/2\" TYP." in the middle section.
 - A vertical connection labeled "PSS 2\" in the middle section.
 - A vertical connection labeled "PSS 1 1/2\" TYP." in the middle section.
- BARGE:** A horizontal line at the bottom right, labeled "BARGE", connected to the main line via a vertical pipe.

[illegible]

1. ALL PIPING TO MEET USCG II REGULATIONS.
2. BACKING RINGS SHALL BE USED AT BUTT WELD JOINTS 2" AND LARGER
3. PIPES PASSING THROUGH WATER/OIL TIGHT BOUNDARIES TO BE WELDED BOTH SIDES.
4. STRIPPING SYSTEM:

PRESSURE,	100 PSI
WORKING	125 PSI
DESIGN	
TEST	187.5 PSI
5. MATERIAL TO BE AS SPECIFIED OR EQUAL
6. LABELS TO BE INSTALLED ON ALL VALVES WHERE REQUIRED TO IDENTIFY SERVICE.

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 TRINITY MARINE PRODUCTS, INC. TANK BARGE DIVISION 1699 N. Hwy 101 - Ashland City, TN 37015				
E-SQUARED MARINE, LLC.				
297'-6 X 54' X 12'-0 DOUBLE-SKIN TANK BARGE				
STRIPPING				
PIPING DIAGRAM				
SCALE:		NTS	DATE:	12/15/16
DRAWN BY:		BP	CHK'D BY:	APPR BY:
YARD:		ASHLAND CITY	TAG NO.	06274
HULL NO.		E2MS 314	SHOP ORDER:	REV. 0
			DWG NO.	CP-11
			SHT 1 OF 1	