			MA	T E R I	A	SC	H E D (	J L E	
SERVICE	SIZE	PIPE	COMPONENTS			CACKETO	VALVES BODY TRIM		REMARKS
DOMPRESSED AIR SERVICE PIPING MAWP: 200 PSIG	ALL	CARBON STEEL, SCH 80, SEAMLESS, ASTM A53 OR ASTM A106 GRADE B, ANSI B36.10	TAKEDOWN JOINTS  UNION GROUND JOINT, SOCKET WELD CARBON STEEL, ASTM A105, 3000# MSS-SP-83	FITTINGS  SOCKET WELD CARBON STEEL, ASTM A105, 3000#, ANSI B16.11	FLEX CONNECT FLEX HOSE MEETING SAE J1942 AND J1475 FOR DIESEL SERVICE SEE NOTE 9	GASKETS —	BODY  GATE CARBON STEEL, ASTM A105 SOCKET WELD OR THREADED, ANSI B16.34  BALL THREADED, CARBON STEEL, ASTM A105, SOCKET WELD OR THREADED  CHECK CARBON STEEL, ASTM A105, SOCKET WELD OR THREADED  THREADED, ASTM A105, SOCKET WELD OR THREADED, ANSI B16.34	GATE STAINLESS STEEL STEM, DISC AND SEAT  BALL STAINLESS STEEL BALL, PTFE SEATS & SEALS  CHECK STAINLESS STEEL DISC	

REMARKS

SEE NOTE 7

SEE NOTES 6 & 7

EQUEMINTMENT LIST

MATERIAL SPEC.

ASTM A53 OR A106 SMLS

ASTM A105

ASTM A105

ASTM A105

ASTM A105

ASTM A105

DESCRIPTION

AIR COMPRESSOR, 2 STAGE, 175 PSI @ 35 CFM, 208V, 30 ELEC MOTOR

RECEIVER, VERTICAL, 120 GALLONS,

200 PSI MAWP

COALESCING, 45 CFM

HORN COMBINATION

MANAUL/SOLENOID VALVE

HORN, 29 CFM @100 PSI, 250 PSI MAX, 3/8" NPT

1 ½", 50 FT. SPRING RETURN HOSE REEL, 300 PSi

AS REQ'D 34" QUICK DISCONNECT, MALE/FEMALE

AS REQ"D 1/2" QUICK DISCONNECT, MALE/FEMALE

AIR REGULATOR W/ GAGE,  $1-\frac{1}{4}$ "

AIR REGULATOR W/ GAGE, 3/4"

AS REQ'D 4" SCHDED 80 PIPE

1/2" SCHDED 80 PIPE

P-3/8" AS REQ'D 1/4" SCHDED 80 PIPE

P-3/4" AS REQ'D 3/4" SCHDED 80 PIPE

P-1-1/4" AS REQ'D 1-1/4" SCHDED 80 PIPE

V-1 | 1 | 1/4" BALL VALVE

V-2 | 1 | 3/8" BALL VALVE

V-3 4 1/2" BALL VALVE

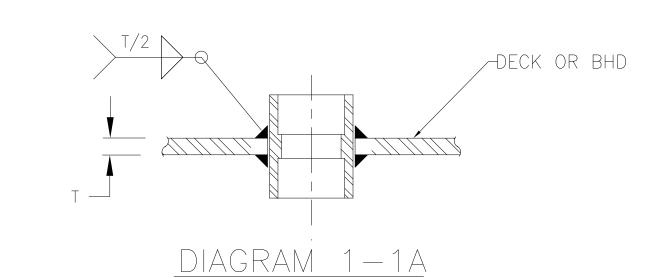
V-4 1 3/4" BALL VALVE

V-5 1 1 1-1/4" BALL VALVE

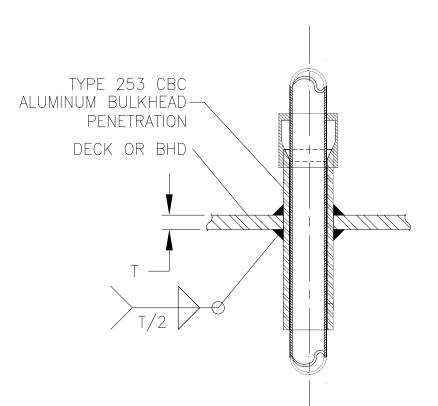
AIR FILTER,

1 AIR DRYER, 30 CFM

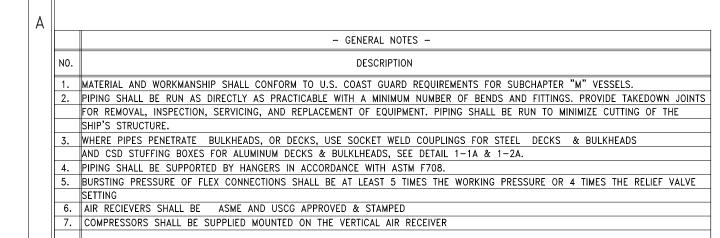
S `	Y M B O L S L I S T
	PIPE
$\triangleright$	REDUCER
	CHECK VALVE
	BALL VALVE
PT~	PRESSURE TRANSDUCER
	PRESSURE GAUGE
	HOSE REEL
ф	BULKHEAD PIPE PENETRATION
	AIR COMPRESSOR
	SAFETY RELIEF VALVE
	COMBINATION MANUAL/SOLENOID VALVE
Á	PRESSURE REGULATING VALVE
	QUICK DISCONNECT
— DP	PRESSURE REGULATING VALVE
F	FILTER
· ·	AIR DRYER



STEEL DECK AND BULKHEAD PENETRATION



 $\frac{\text{DETAIL } 1-2\text{A}}{\text{ALUMINUM DECK OR BULKHEAD PENETRATION}}$ NO SCALE



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	Naval Archi Marine Engi Consultants	
1734 Emerson Street Jacksonville, Florida 32207 www.dejongandlebet.com	Surveyors	Phone: (904) 399—; Fax: (904) 399— info@dejongandlebet
Title: 70.5'x30'x11' N	CDOT TOWBOAT	-
COMI	PRESSED PIPING	<u>AIR</u>
Dwg. No. 17-1372-55	Alt. No. 51 Sht. 1 of 3	
Drawn By: CHRISTOPH	ER DUNCAN C	ate: JULY 25, 2018
Checked By:		ate:
App'd By:		cale: NONE
ABS App'l:	U	SCG App'l.:

	PIPE
$\triangleright$	REDUCER
	CHECK VALVE
	BALL VALVE
PT	PRESSURE TRANSDUCER
P	PRESSURE GAUGE
	HOSE REEL
ф	BULKHEAD PIPE PENETRATION
	AIR COMPRESSOR
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E	QUICK DISCONNECT
— De P	PRESSURE REGULATING VALVE
F	FILTER
	AIR DRYER

