

GENERAL NOTES


1. THE MAIN DECK IS DESIGNED TO WITHSTAND MAXIMUM TRUCK LOADS IN ALL LANES USING FIRST PRINCIPLE CALCULATIONS ASSUMING SIMPLY SUPPORTED BEAMS. THE MAXIMUM LOADS ARE 34,000 LBS/TANDEM AXLE AND 12,000 LBS/STEER AXLE (AS PER THE WASHINGTON STATE COMMERCIAL VEHICLE GUIDE). THE TIRES ARE ASSUMED TO BE 8" WIDE WITH PRESSURES OF 105 PSI AND 110 PSI, RESPECTIVELY.
2. THE STEEL HULL AND ALUMINUM DECKHOUSE ARE DESIGNED IN ACCORDANCE WITH REFERENCE 1.

REFERENCES

1. RULES FOR BUILDING AND CLASSING STEEL VESSELS UNDER 90M (295'), AMERICAN BUREAU OF SHIPPING (ABS), 2017.

REVISIONS


ZONE	REV	DESCRIPTION	DATE	APPD



SKAGIT COUNTY
MOUNT VERNON, WA

SKAGIT COUNTY PUBLIC WORKS
MOUNT VERNON, WA

GUEMES ISLAND FERRY REPLACEMENT
STRUCTURAL MIDSHIP SECTION



Glosten
INNOVATIVE MARINE SOLUTIONS

1201 WESTERN AVENUE, SUITE 200
SEATTLE, WASHINGTON 98101-2953
T 206.824.7850 GLOSTEN.COM

Drawn ALG	Checked WLM	Approved DWL	Size B	Issue Date 2017/12/11
Scale AS NOTED	Drawing Number 17097-100-01	Sheet 1	of 1	Revision -