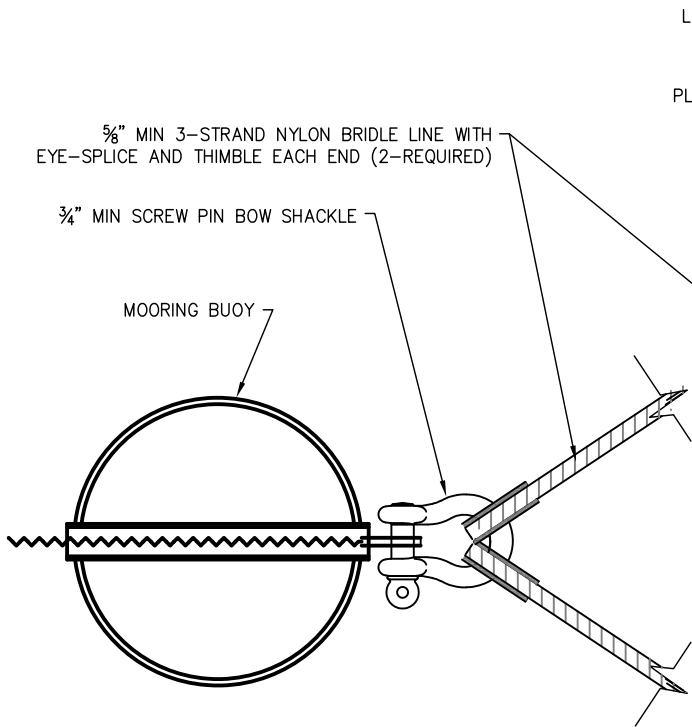
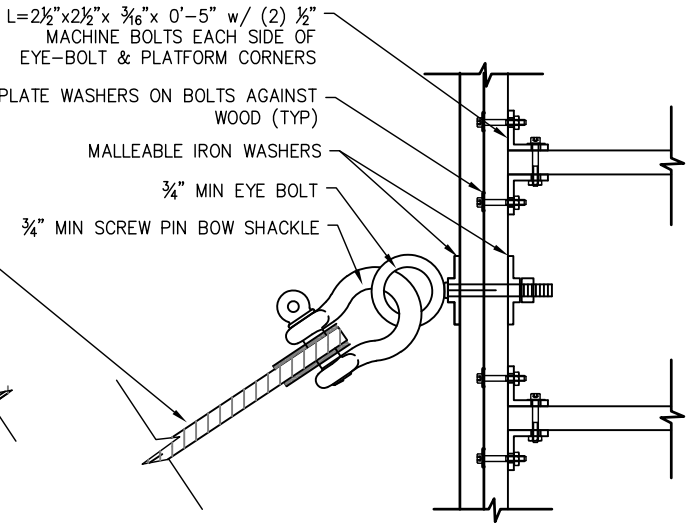


**MVMS MOORING CONNECTION DETAIL**



**MVMS MOORING CONNECTION DETAIL**



**MVMS BRIDLE CONNECTION DETAIL**

**NOTES:**

1. TIMBER SHALL BE SELECT STRUCTURAL DOUGLAS FIR TREATED WITH PRESERVATIVE APPROVED BY THE STATE OF CALIFORNIA (CALIFORNIA COASTAL COMMISSION AND REGIONAL WATER QUALITY CONTROL BOARD).
2. FIELD CUTS AND BORED HOLES SHALL RECEIVE A BRUSH COAT OF PRESERVATIVE TREATMENT PER STATE AND FEDERAL GUIDELINES.
3. NAIL AND SCREW FASTENERS SHALL BE STAINLESS; BOLTS SHALL BE STAINLESS OR HOT-DIP GALVANIZED.
4. WALKING SURFACES SHALL HAVE A SKID RESISTANT FINISH, SUCH AS UNPAINTED TIMBER OR GRIT ON TIMBER, OR OTHER SURFACING DEEMED APPROPRIATE FOR THE INTENDED SERVICE, BY THE CITY.
5. NON-STRUCTURAL MEMBERS MAY BE ALTERNATIVE MATERIALS SUCH AS COMPOSITE DIMENSIONAL LUMBER. SUBMIT PRODUCT SPECIFICATIONS TO THE CITY FOR APPROVAL.
6. SEE HARBOR DESIGN CRITERIA FOR ADDITIONAL DESIGN REQUIREMENTS.
7. SEE CITY HARBORMASTER FOR MVMS MOORING WEIGHT AND CHAIN SPECIFICATIONS.

APP. CITY ENGINEER	51568 RCE	1/25/2022 DATE													
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NO.</th> <th style="width: 10%;">DATE</th> <th style="width: 80%;">DESCRIPTION OF REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	DESCRIPTION OF REVISIONS									
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<b>CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS</b>															
DRAWN: NOBLE CONSULTANTS, INC. DATE: 09/21/2021	<b>MULTIPLE VESSEL MOORING SYSTEM</b>		STANDARD DRAWING NO. <b style="font-size: 2em;">617</b> SHEET 1 OF 1												