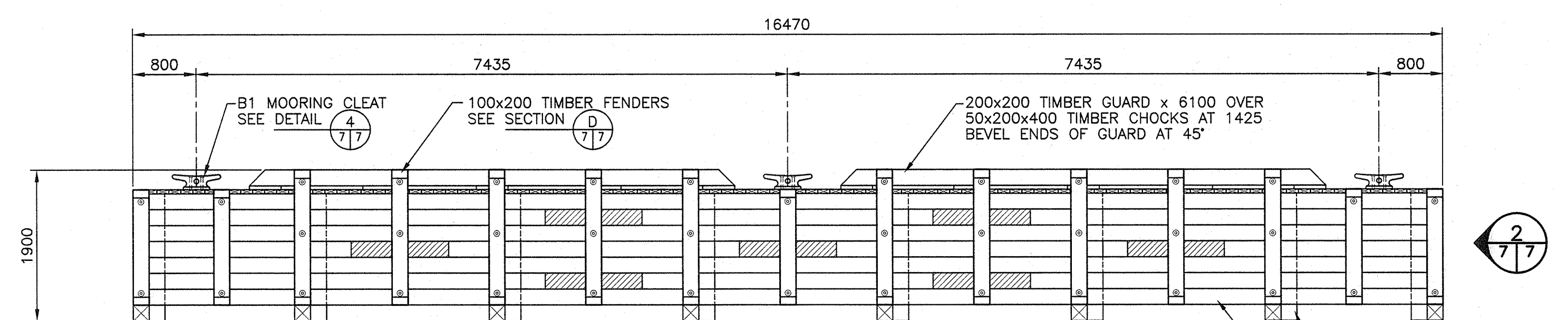
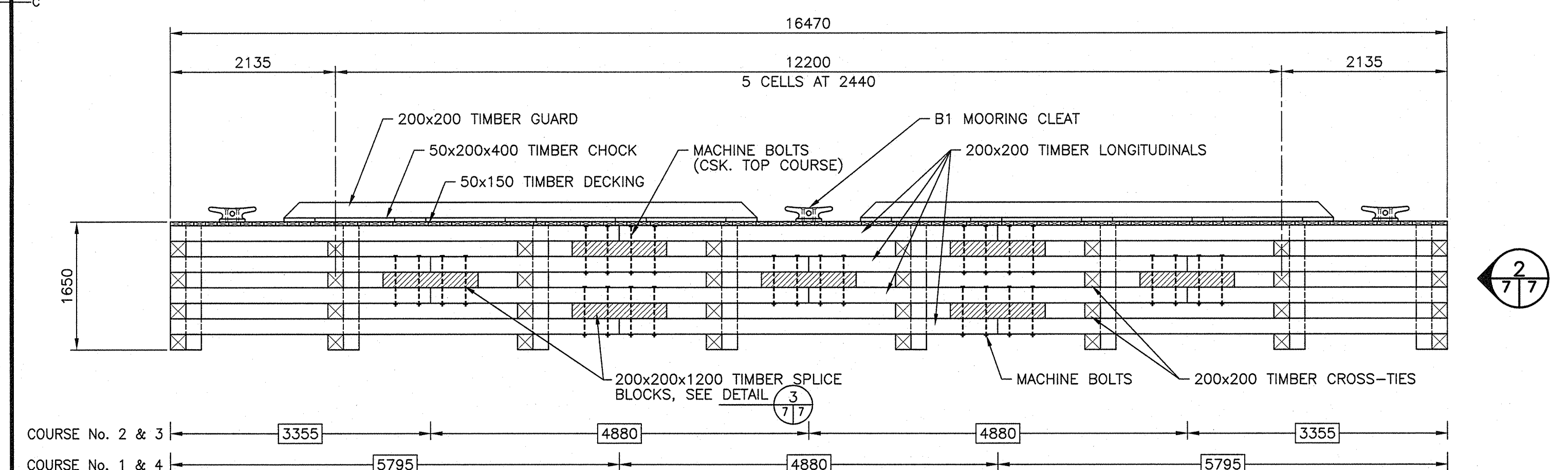


PLAN OF FLOATING DOCK MODULE (2 REQUIRED)

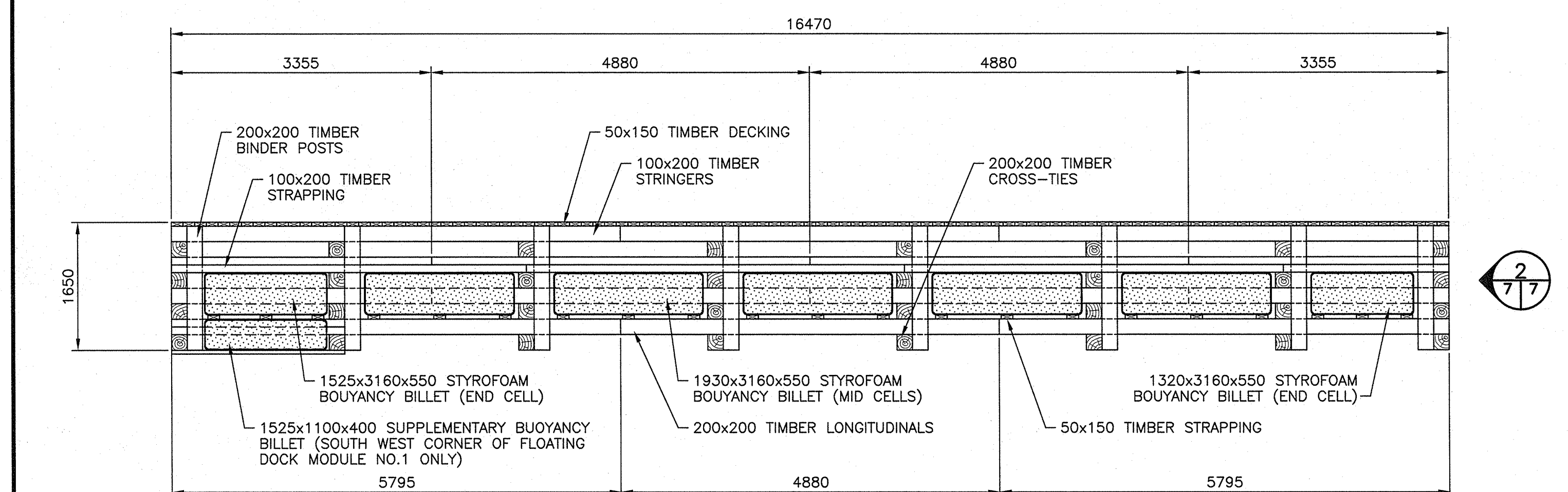
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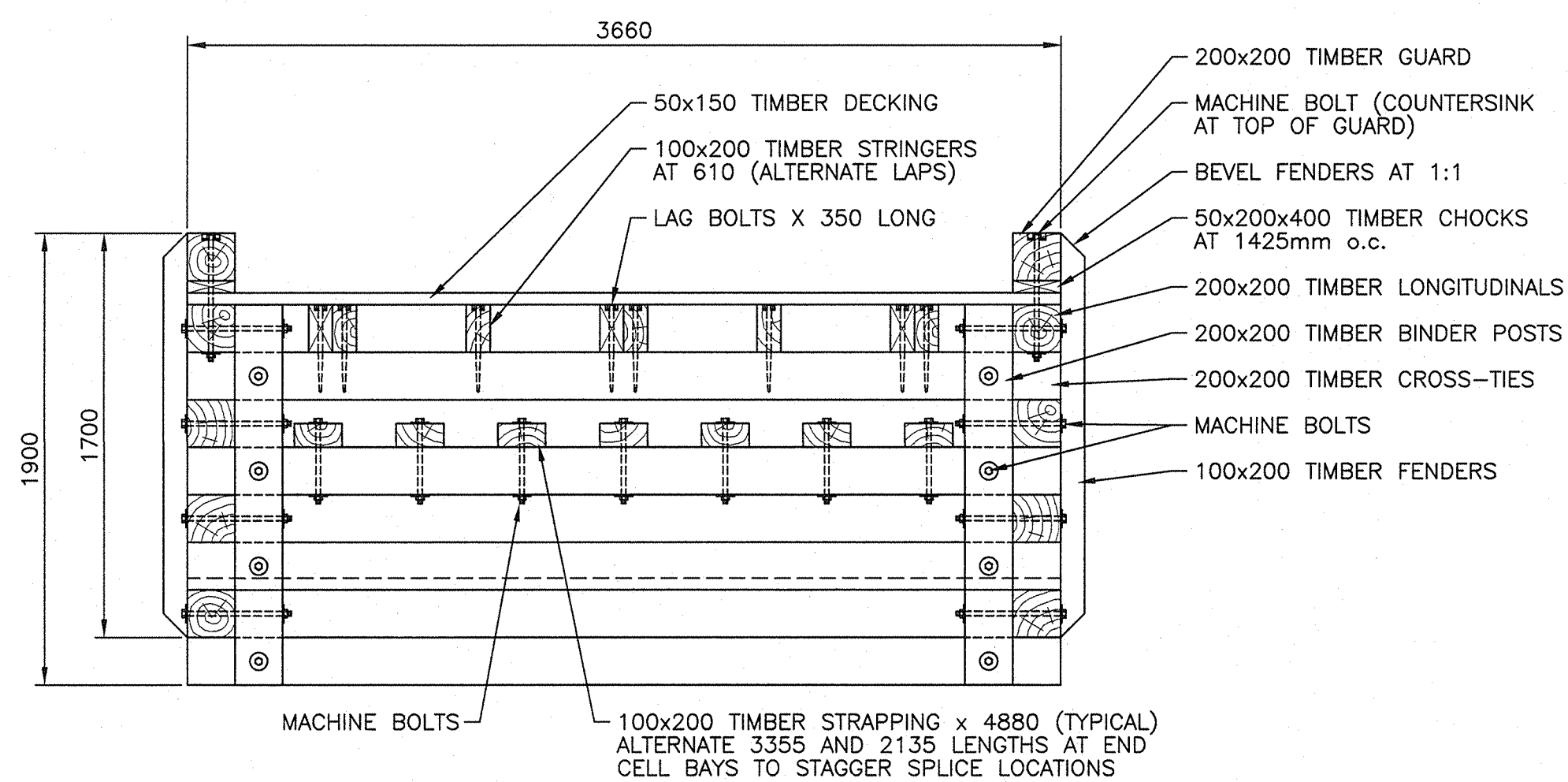
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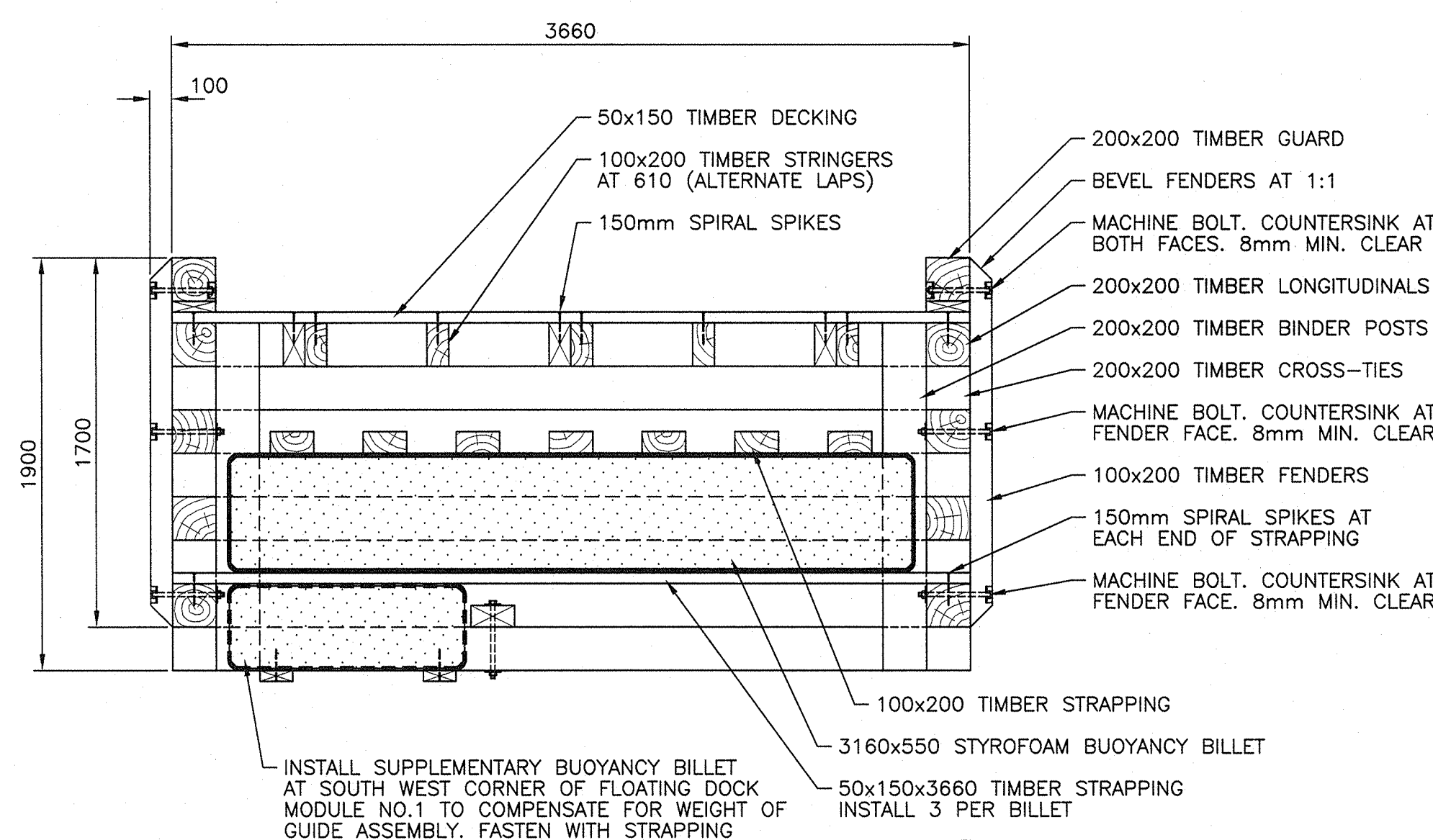
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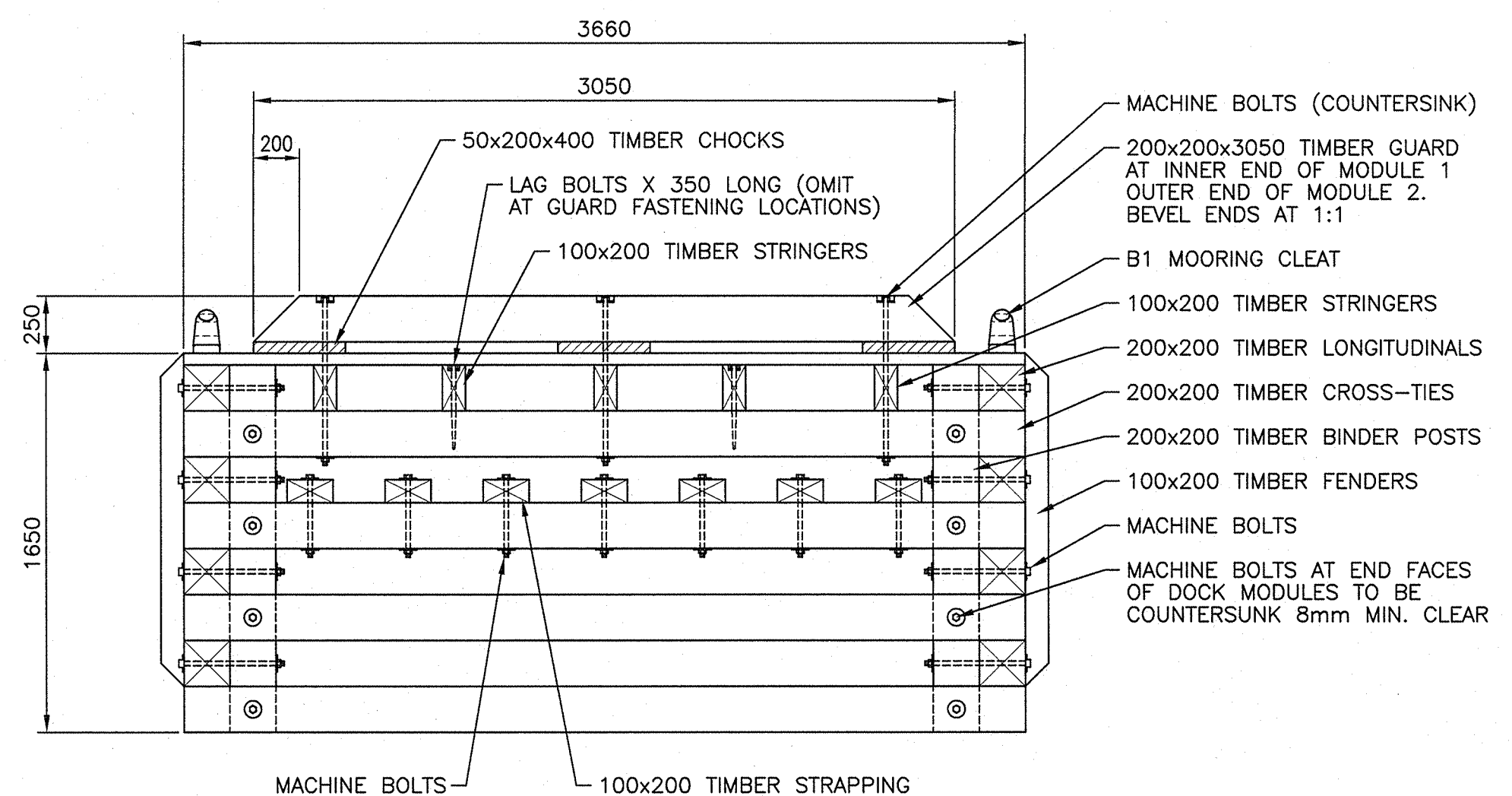
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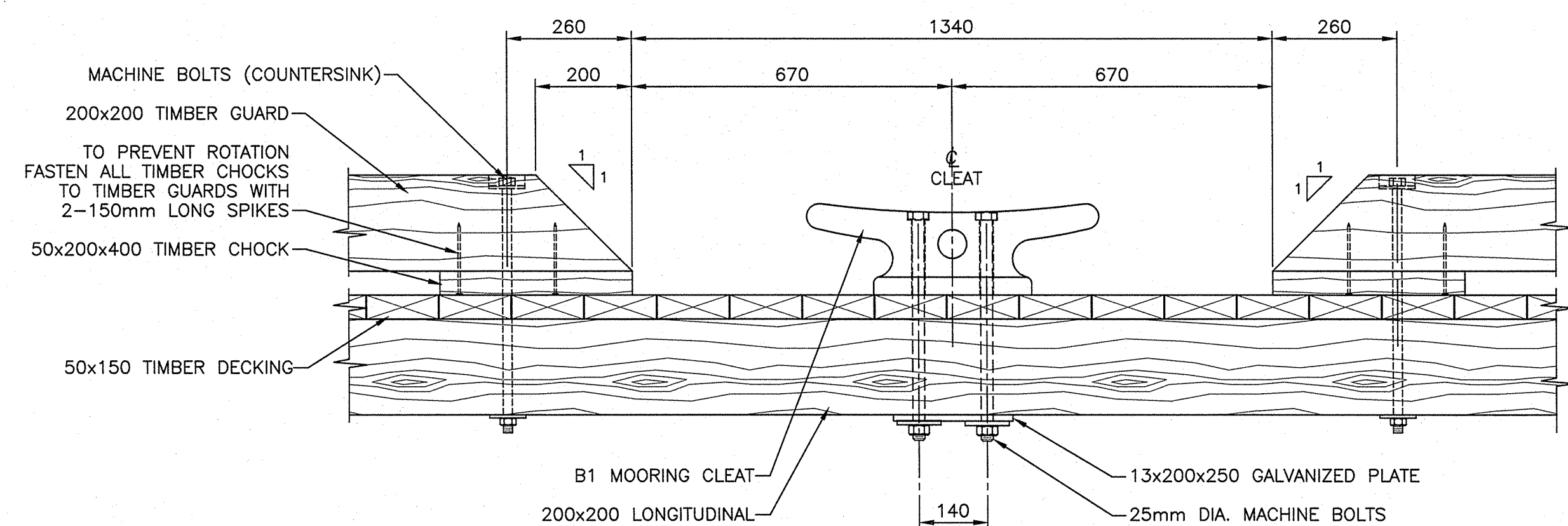
SCALE: 1:25



SCALE: 1:25



SCALE: 1:25



SCALE: 1:10

FASTENERS AND MISCELLANEOUS HARDWARE NOTES

- FASTENERS TO BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - MACHINE BOLTS: 19mm DIA.
 - LAG BOLTS: 19mm DIA.
 - SPIKES: 150mm LONG SPIRAL SHANK
- MACHINE BOLTS TO INCLUDE 2 WASHERS AND 1 NUT EACH, UNLESS NOTED OTHERWISE. LENGTH OF MACHINE BOLTS AND LAG BOLTS TO BE VERIFIED BY THE CONTRACTOR.
- STEEL PLATE WASHERS, SUITABLY DRILLED TO RECEIVE BOLTS, TO BE SELECTED FOR SIZE FROM THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE:

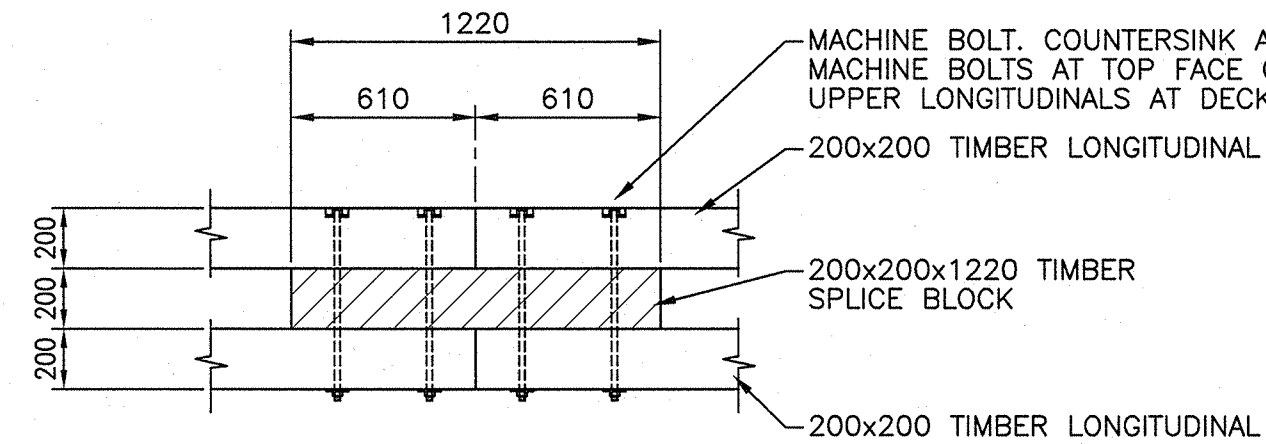
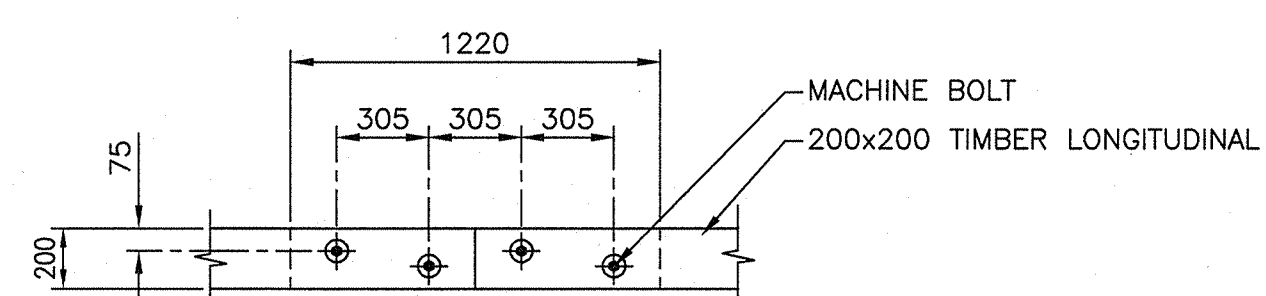
BOLT SIZE	WASHER THICKNESS	WASHER OUTSIDE DIA.
16mm	6mm	50mm
19mm	6mm	75mm
25mm	9mm	75mm

- HARDWARE FASTENERS AND MISCELLANEOUS ITEMS MUST MEET THE FOLLOWING SPECIFICATIONS:
 - STEEL PLATES, AND MISCELLANEOUS STEEL TO: CSA G40.21, GRADE 300W.
 - HOT DIP GALVANIZE HARDWARE TO CSA G164-M1981, WITH A MINIMUM ZINC COATING OF 610g/m².
- RUBBER FENDERS: RUBBER FENDERS TO BE EXTRUDED RUBBER HOMOGENEOUS AND FREE FROM DEFECTS, IMPURITIES, PORES AND CRACKS.

MATERIAL LIST -- PER MODULE

QTY	METRIC DESIGNATION	IMPERIAL DESIGNATION
8	200x200x3355 LONGITUDINALS	8"x8"x11'-0" LONGITUDINALS
12	200x200x4880 LONGITUDINALS	8"x8"x16'-0" LONGITUDINALS
8	200x200x3795 LONGITUDINALS	8"x8"x19'-0" LONGITUDINALS
32	200x200x3660 CROSS-TIES	8"x8"x12'-0" CROSS-TIES
16	200x200x1600 BINDER POSTS	8"x8"x5'-3" BINDER POSTS
14	200x200x1220 SPLICE BLOCKS	8"x8"x4'-0" SPLICE BLOCKS
5	100x200x2440 STRINGERS	4"x8"x18'-0" STRINGERS
5	100x200x4880 STRINGERS	4"x8"x16'-0" STRINGERS
10	100x200x5490 STRINGERS	4"x8"x18'-0" STRINGERS
7	100x200x2135 UPPER STRAPPING	4"x8"x7'-0" UPPER STRAPPING
7	100x200x4575 UPPER STRAPPING	4"x8"x15'-0" UPPER STRAPPING
14	100x200x4880 UPPER STRAPPING	4"x8"x16'-0" UPPER STRAPPING
1**	100x200x2235 SUPPLEMENTARY STRAPPING	4"x8"x7'-4" SUPPLEMENTARY STRAPPING
24	50x150x3660 LOWER STRAPPING	2"x6"x12'-0" LOWER STRAPPING
2**	50x150x2235 SUPPLEMENTARY STRAPPING	2"x6"x7'-4" SUPPLEMENTARY STRAPPING
110**	50x150x3660 DECKING	2"x6"x12'-0" DECKING
20	50x200x400 GUARD CHOCKS	2"x8"x16" GUARD CHOCKS
4	200x200x6100 GUARD (BEVEL 2 ENDS)	8"x8"x20'-0" GUARD (BEVEL 2 ENDS)
10	100x200x1450 FENDERS (BEVEL 2 ENDS)	4"x8"x4'-9" FENDERS (BEVEL 2 ENDS)
20	100x200x1700 FENDERS (BEVEL 2 ENDS)	4"x8"x5'-7" FENDERS (BEVEL 2 ENDS)
1	1320x3160x550 BUOYANCY BILLET	4'-4"x10'-4"x22" BUOYANCY BILLET
1	1525x3160x550 BUOYANCY BILLET	5'-0"x10'-4"x22" BUOYANCY BILLET
5	1930x3160x550 BUOYANCY BILLET	6'-4"x10'-4"x22" BUOYANCY BILLET
1**	1525x1100x400 SUPP. BUOYANCY BILLET	5'-0"x3'-7"x16" SUPP. BUOYANCY BILLET
6	B1 MOORING CLEATS	

* EXACT NUMBER OF DECKING MAY VARY DUE TO VARIATIONS IN WIDTH AND SPACING OF PLANKS. DECKING TO BE MILLED ONE SIDE TO ENSURE EVEN THICKNESS AND INSTALLED ROUGH SIDE UP.
 ** SUPPLEMENTARY FLOATATION MATERIALS ONLY REQUIRED FOR FLOATING DOCK MODULE NO.1



SCALE: 1:25