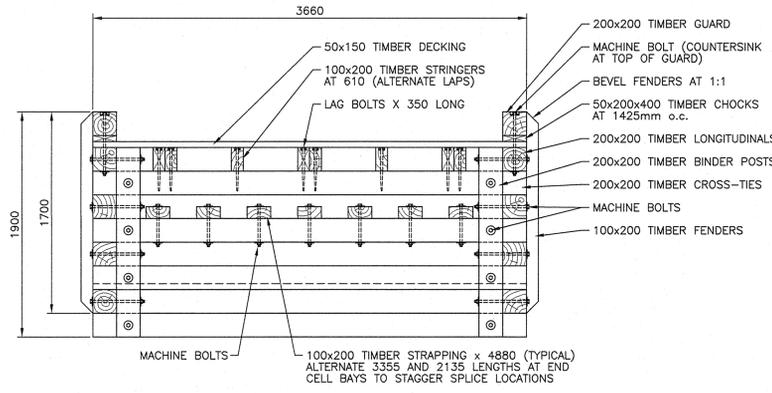


PLAN OF FLOATING DOCK MODULE (2 REQUIRED)



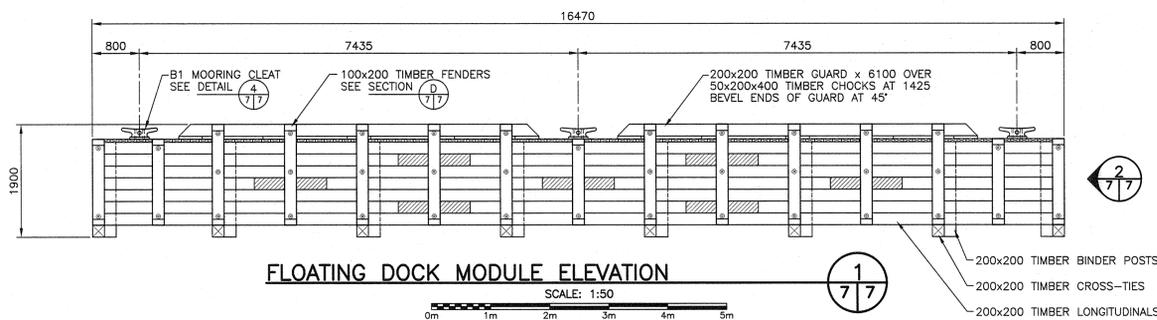
FLOATING DOCK MODULE SECTION

FASTENERS AND MISCELLANEOUS HARDWARE NOTES

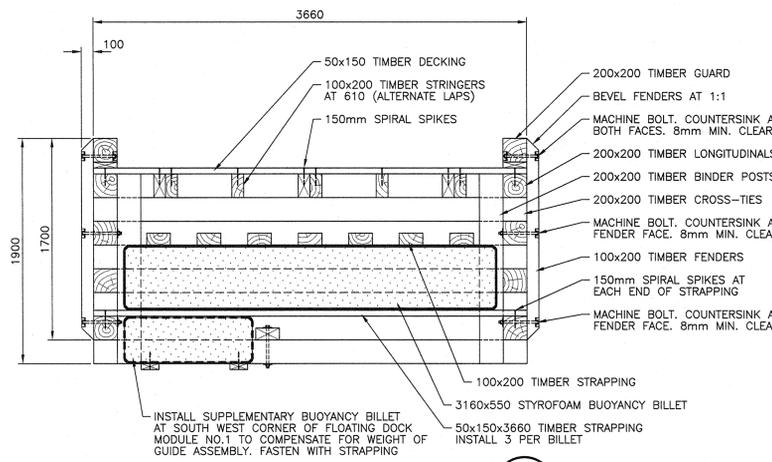
- FASTENERS TO BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - MACHINE BOLTS: 19mm DIA.
 - LAG BOLTS: 19mm DIA.
 - SPIKES: 150mm LONG SPIRAL SHANK
- MACHINE BOLTS TO INCLUDE 2 WASHERS AND 1 NUT EACH, UNLESS NOTED OTHERWISE. LENGTH OF MACHINE BOLTS AND LAG BOLTS TO BE VERIFIED BY THE CONTRACTOR.
- STEEL PLATE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

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



FLOATING DOCK MODULE ELEVATION

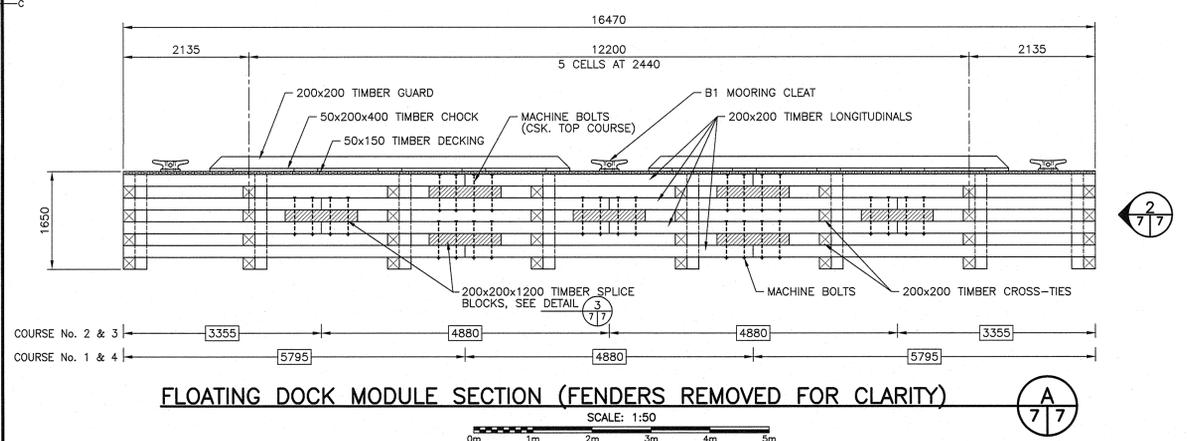


FENDER, DECK AND BILLET SECTION

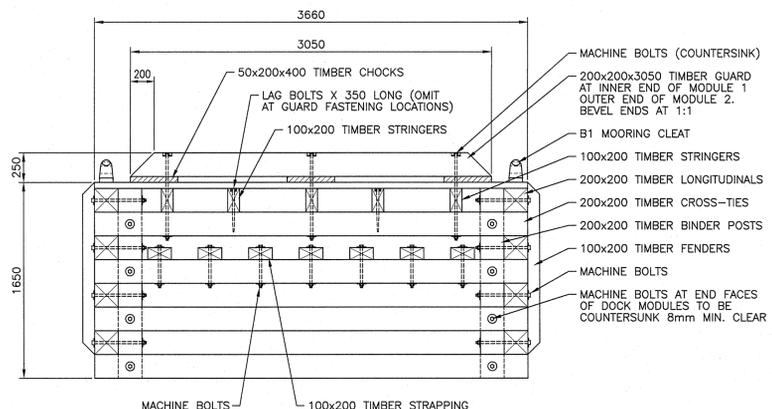
MATERIAL LIST -- PER MODULE

QTY	METRIC DESIGNATION	IMPERIAL DESIGNATION
8	200x200x3355 LONGITUDINALS	8"x8"x11'-0" LONGITUDINALS
12	200x200x4880 LONGITUDINALS	8"x8"x16'-0" LONGITUDINALS
8	200x200x795 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"x8'-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	

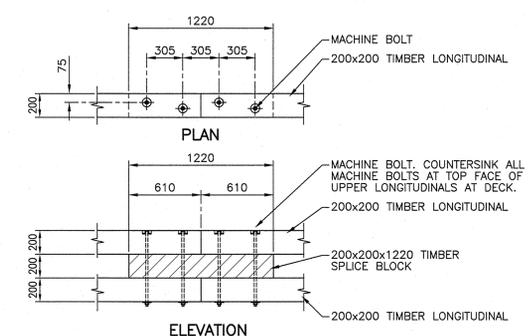
* EXACT NUMBER OF DECKING MAY VARY DUE TO VARIATIONS IN WIDTH AND SPACING OF PLANKS. DECKING TO BE MILLED ONE SIDE TO ENSURE EVEN THICKNESS AND INSTALLED ROUGH SIDE UP.
**SUPPLEMENTARY FLOATATION MATERIALS ONLY REQUIRED FOR FLOATING DOCK MODULE NO.1



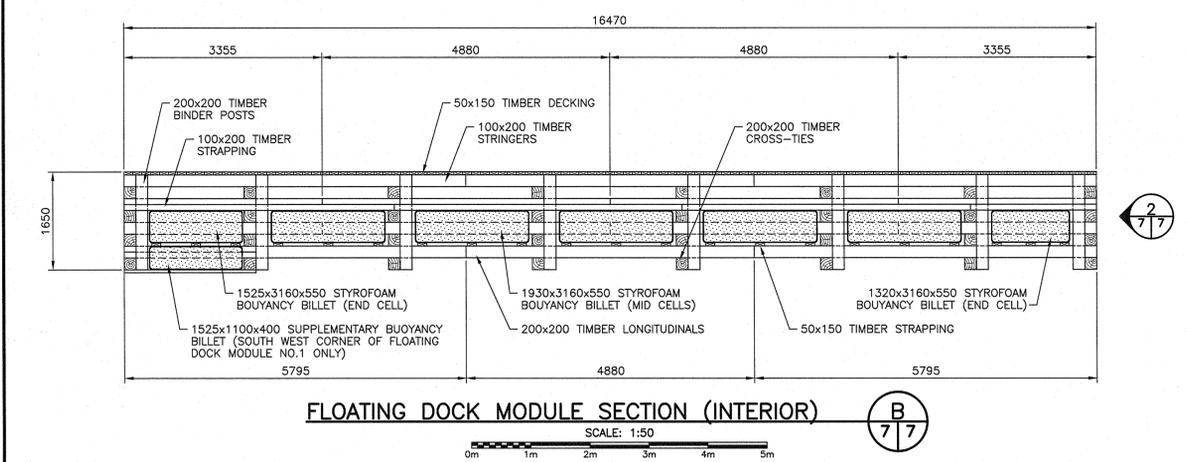
FLOATING DOCK MODULE SECTION (FENDERS REMOVED FOR CLARITY)



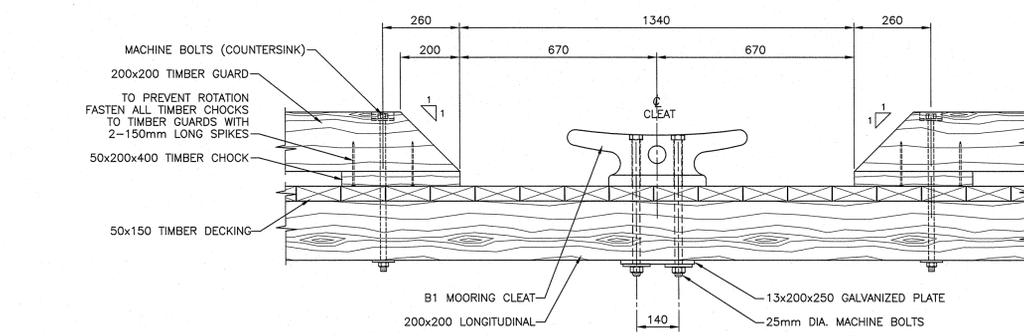
FLOATING DOCK MODULE END ELEVATION



SPLICE BLOCK DETAIL



FLOATING DOCK MODULE SECTION (INTERIOR)



B1 MOORING CLEAT FASTENING DETAIL

FLOATING DOCK MODULES

designed K. MCCARTHY/J.MACGILLIVRAY	conçu
date MAY 2015	date
drawn S.GRACE	dessiné
date MAY 2015	date
approved [Signature]	approuvé
date [Signature]	date
Tender [Signature]	Submission
PWSC Project Manager [Signature]	Administrateur de projets TPSC
project number R.075316.001	no. du projet