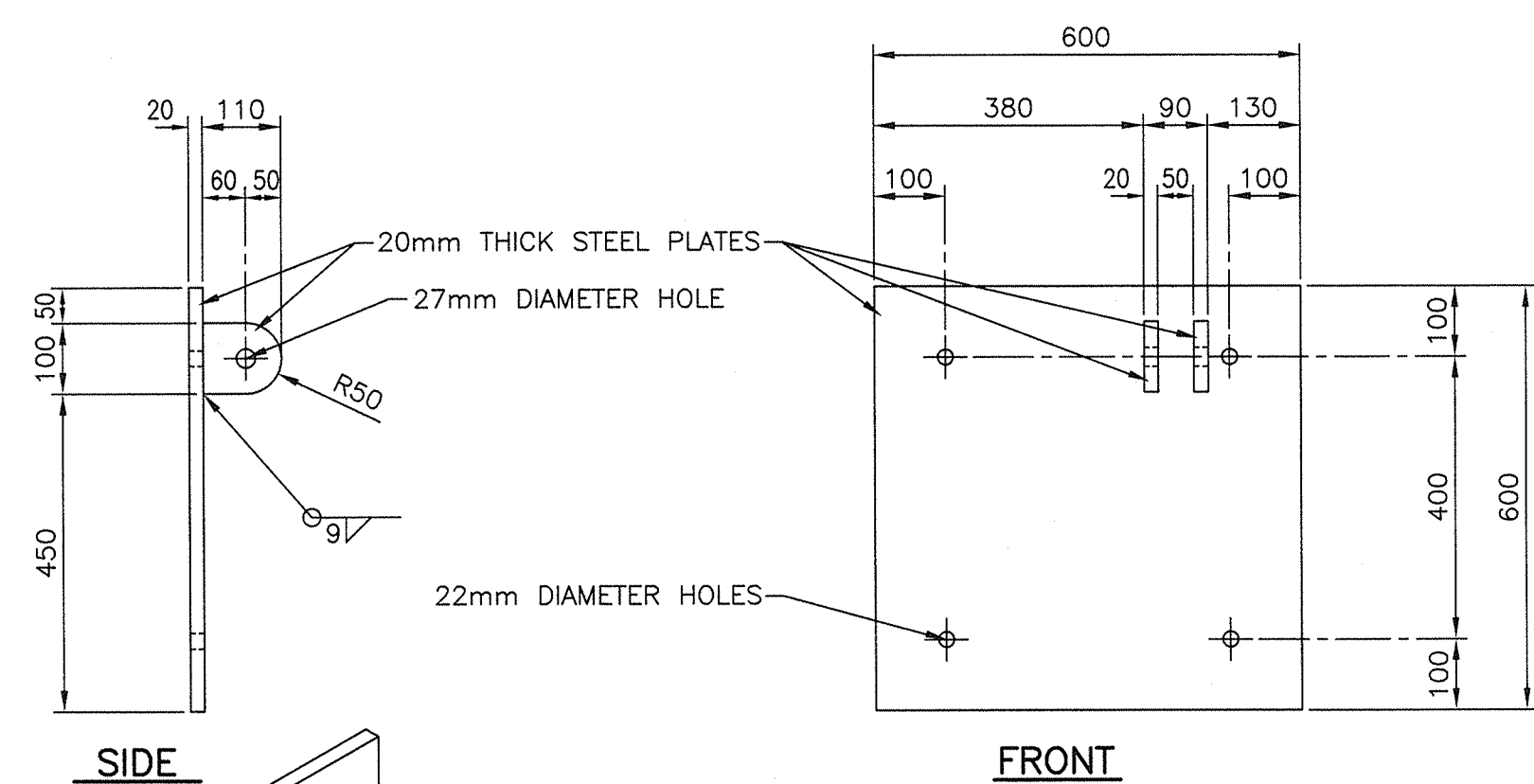
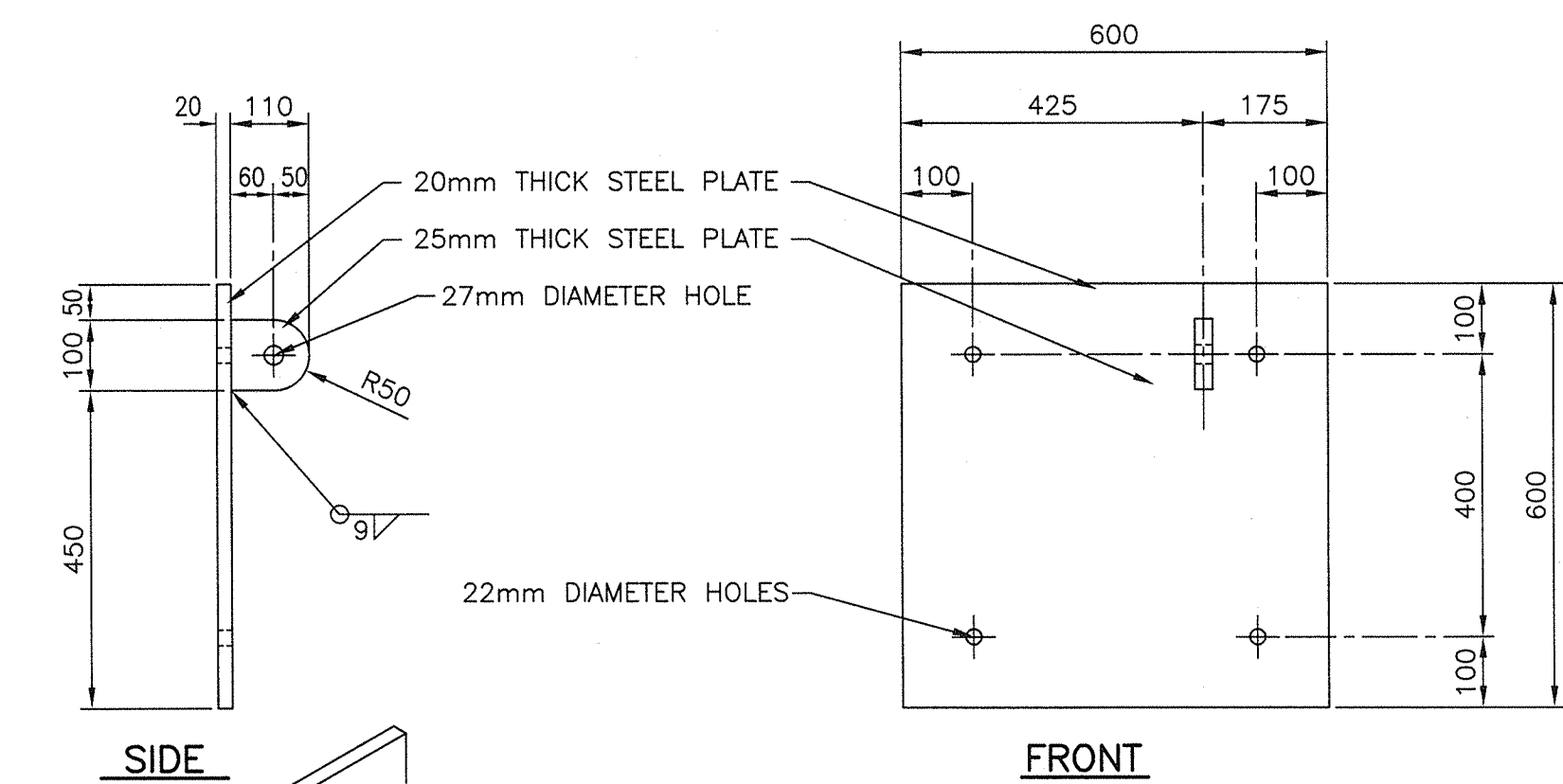


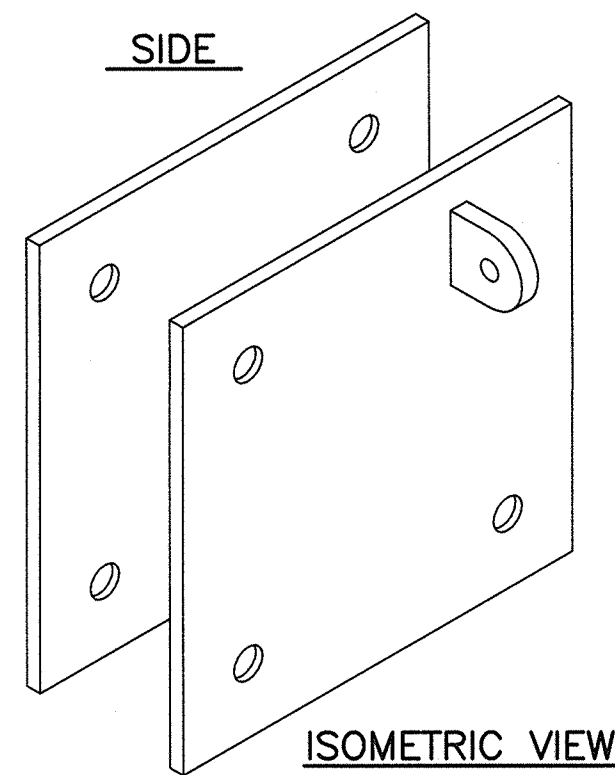
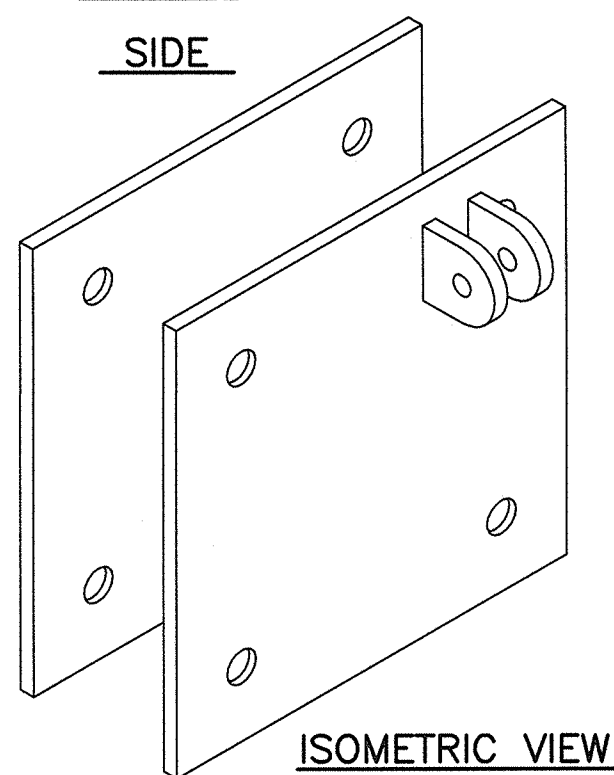
**FLOATING DOCK CONNECTION DETAIL**  
SCALE: 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



**UNIT 'A' DETAIL**  
8 REQUIRED  
SCALE: 1:10  
0mm 100 200 300 400 500 600 700 800 900 1000mm

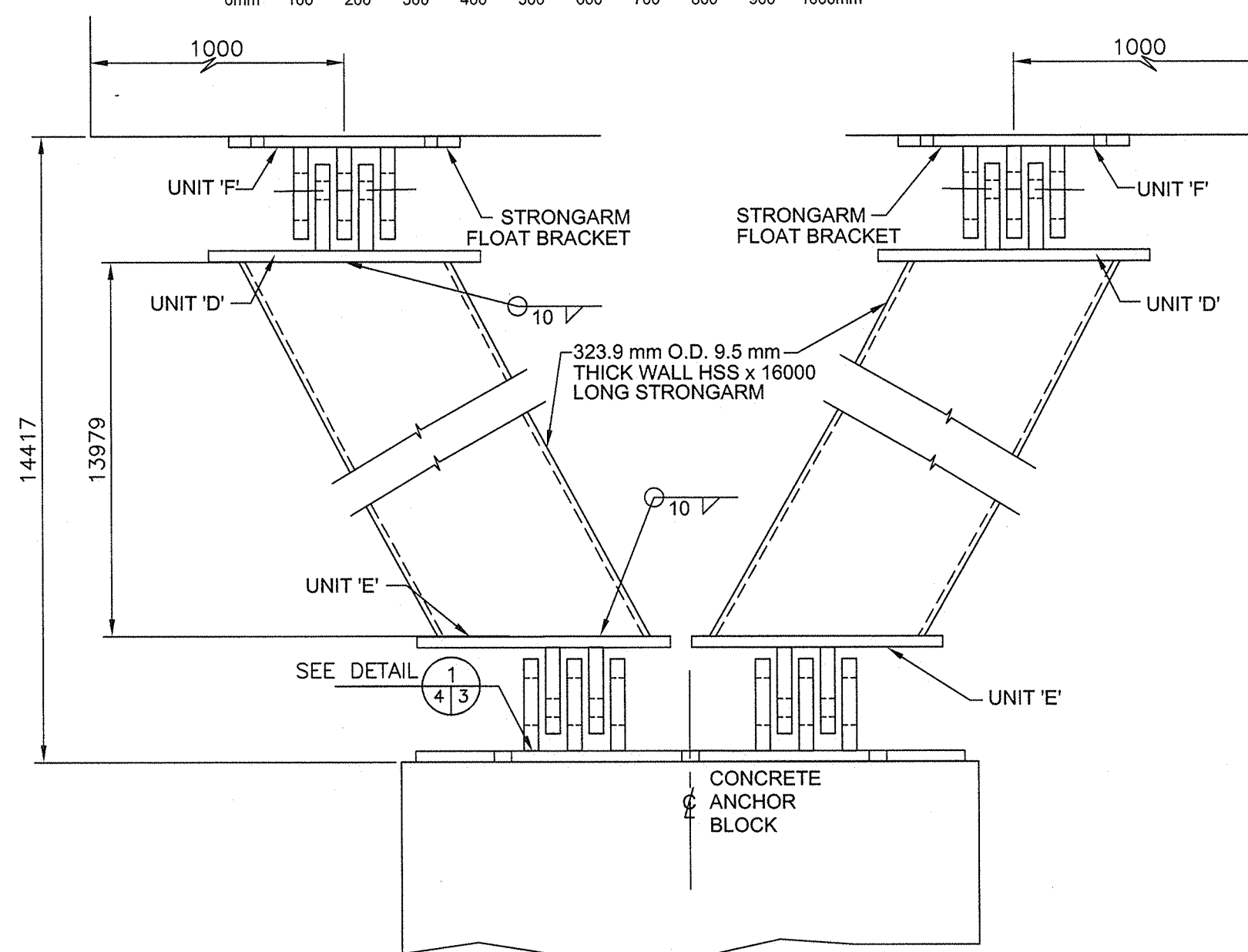


**UNIT 'B' DETAIL**  
8 REQUIRED  
SCALE: 1:10  
0mm 100 200 300 400 500 600 700 800 900 1000mm

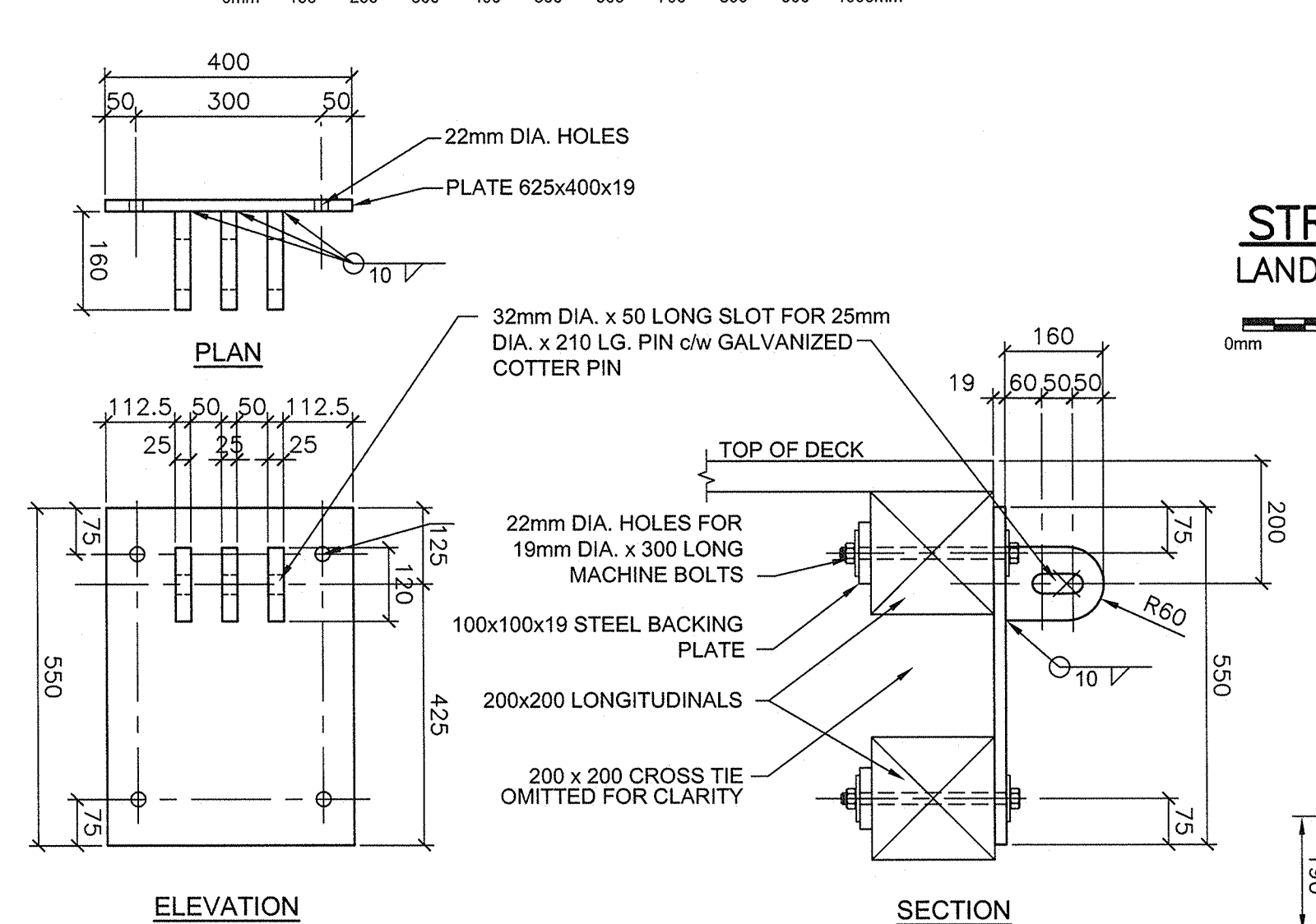


NOTE: 20x600x600 BACKING PLATES TO BE DRILLED TO MATCH HOLES ON UNITS 'A' & 'B'

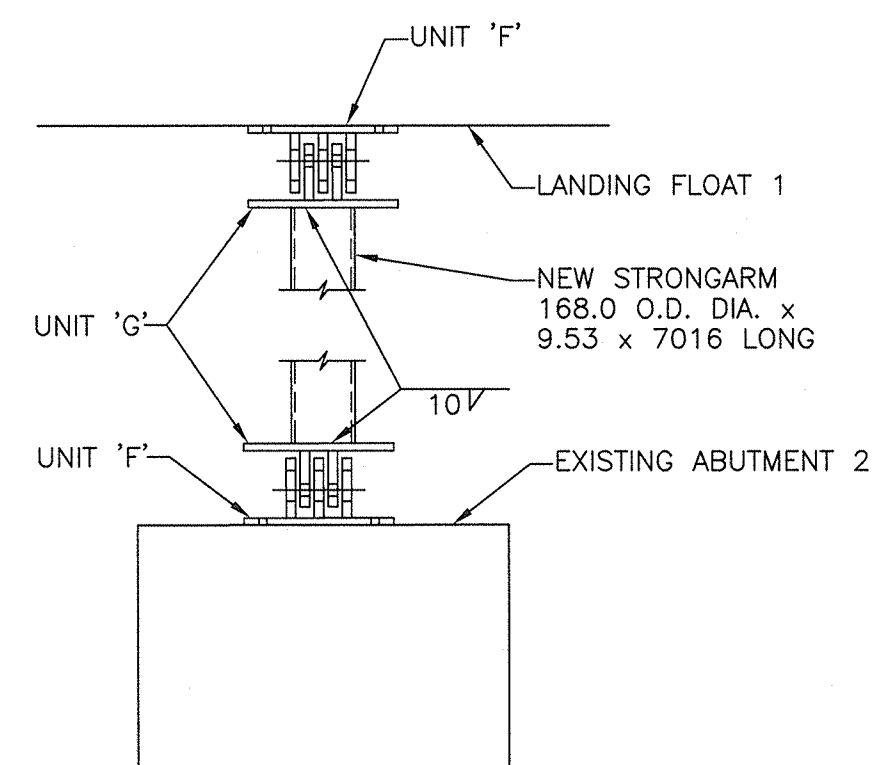
NOTE: 20x600x600 BACKING PLATES TO BE DRILLED TO MATCH HOLES ON UNITS 'A' & 'B'



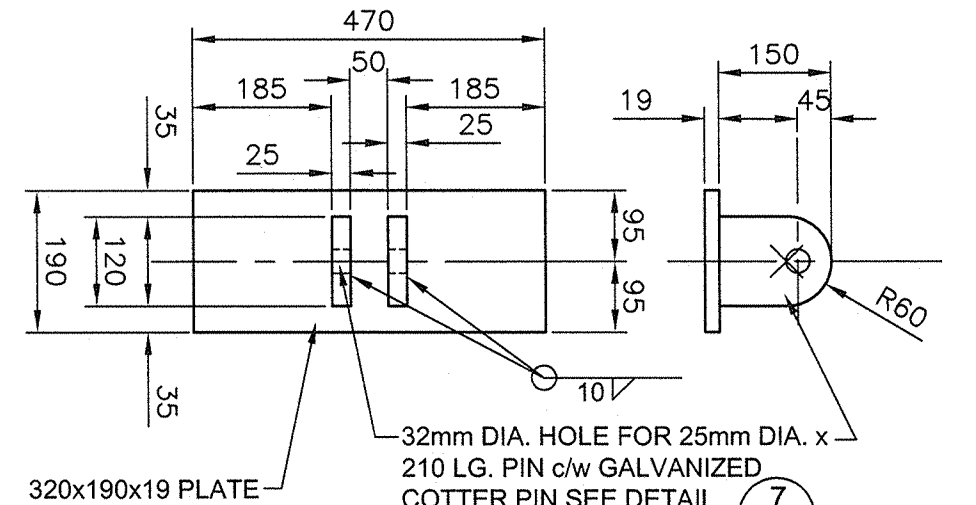
**STRONGARM BRACKET LAYOUT FOR ANCHOR BLOCKS 3 TO 7**  
HINGE BRACKET DETAILS  
SCALE: 1:10  
0mm 100 200 300 400 500 600 700 800 900 1000mm



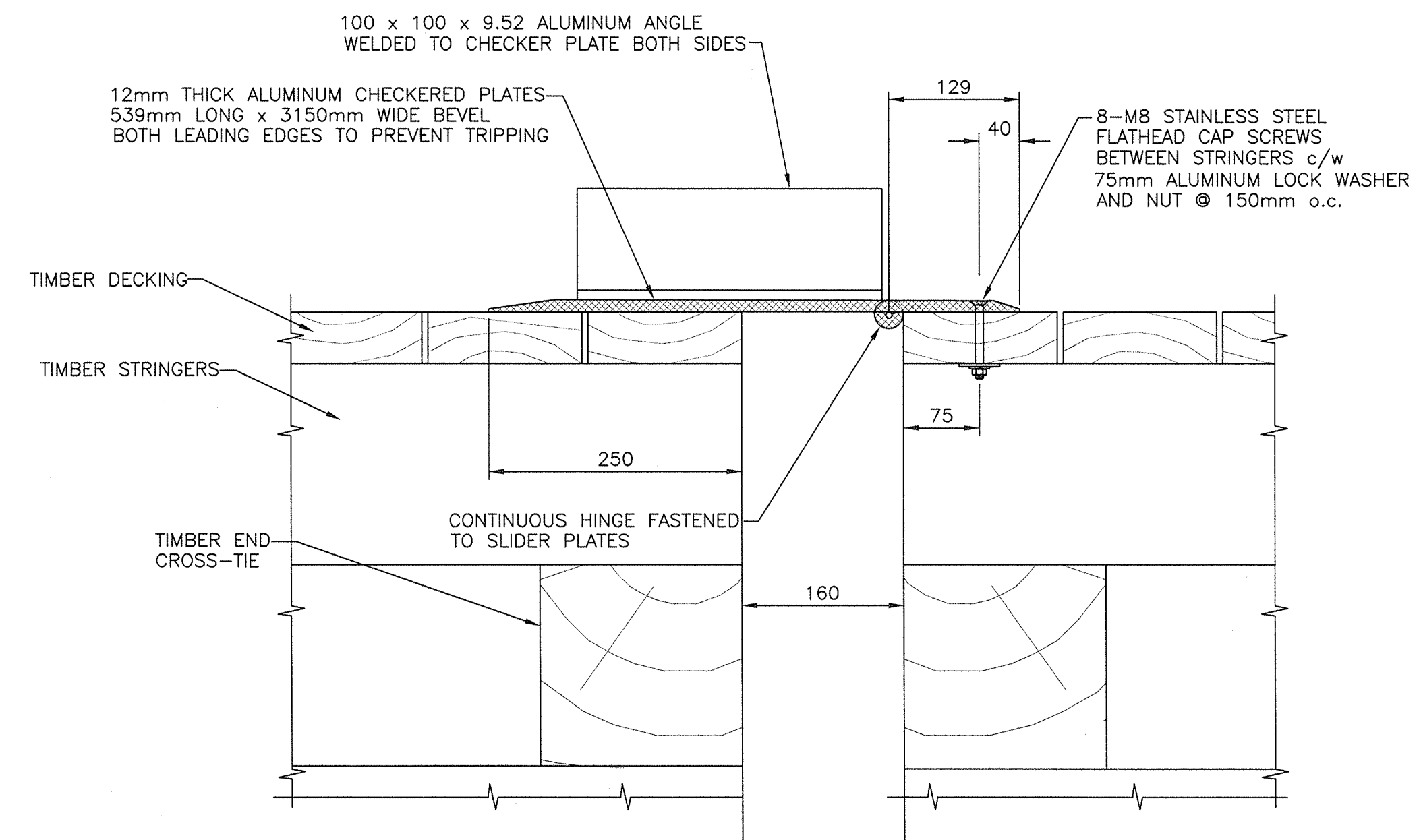
**UNIT 'F' (STRONGARM FLOAT BRACKET)**  
(11 REQUIRED)  
(FOR LANDING FLOAT AND FLOATS 2 TO 6)



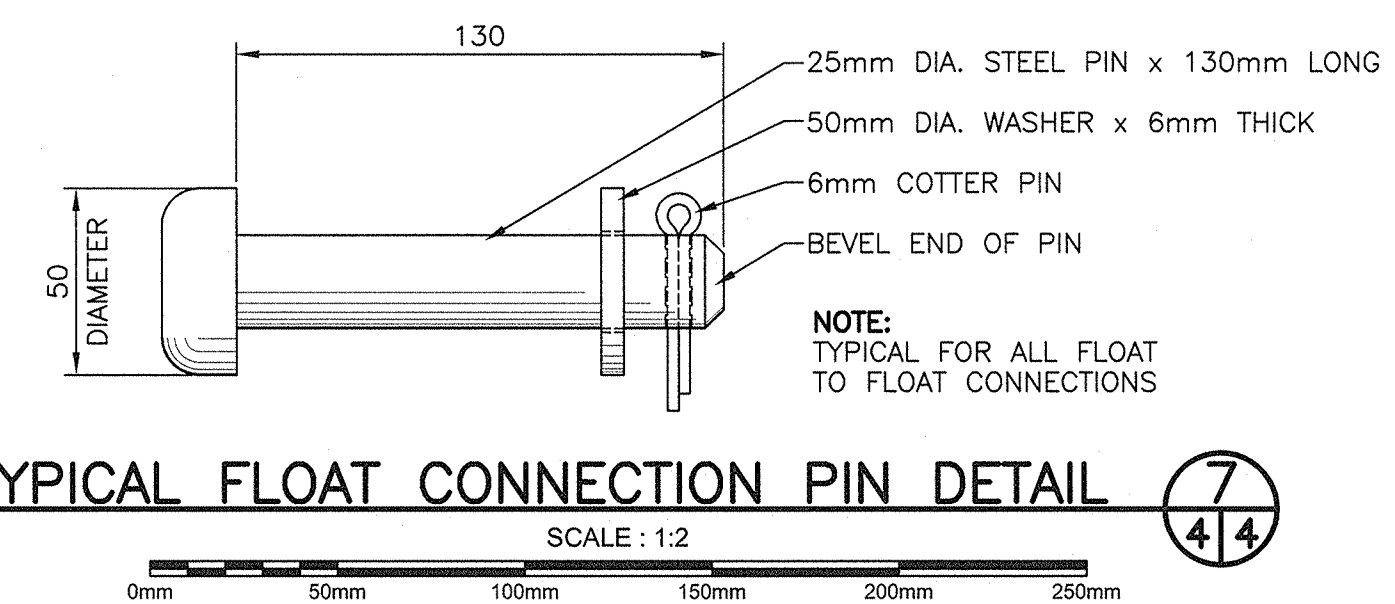
**STRONGARM ATTACHMENT DETAIL**  
LANDING FLOAT 1 TO EXISTING ABUTMENT 2  
SCALE: 1:20  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



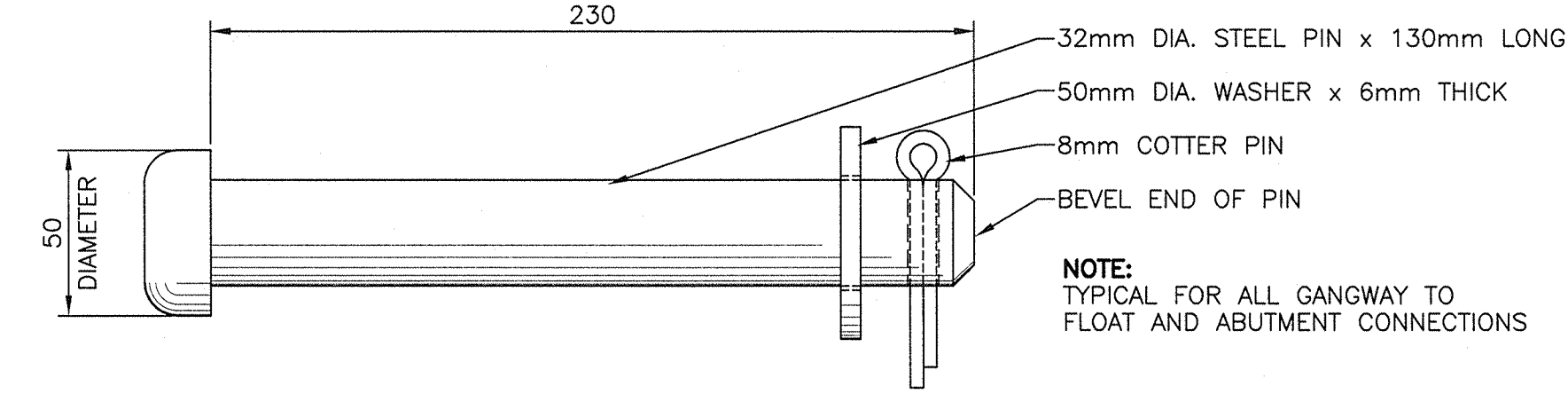
**UNIT 'D' (STRONGARM END BRACKET)**  
(10 REQUIRED)  
SEE NOTE 6



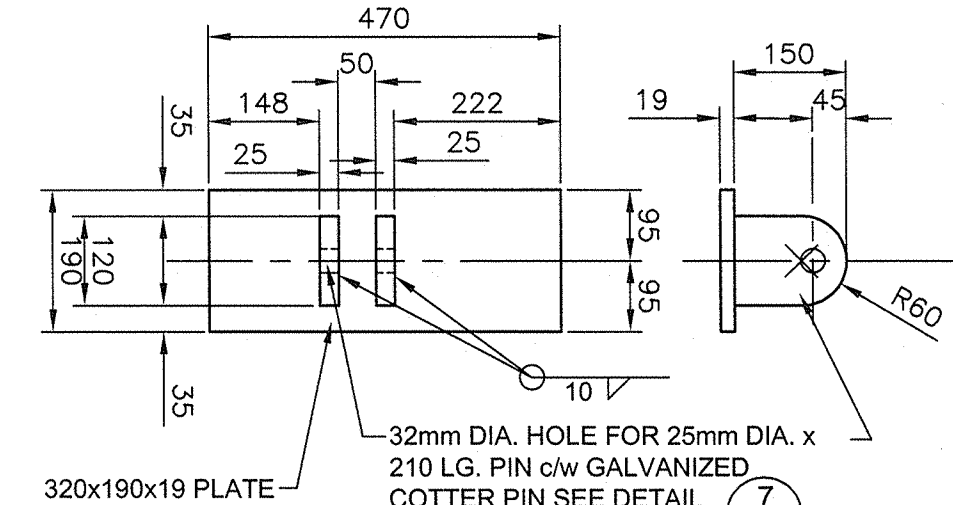
**DOCK TO DOCK CHECKER PLATE (5 REQUIRED)**  
SCALE: 1:5  
0mm 100mm 200mm 300mm 400mm 500mm



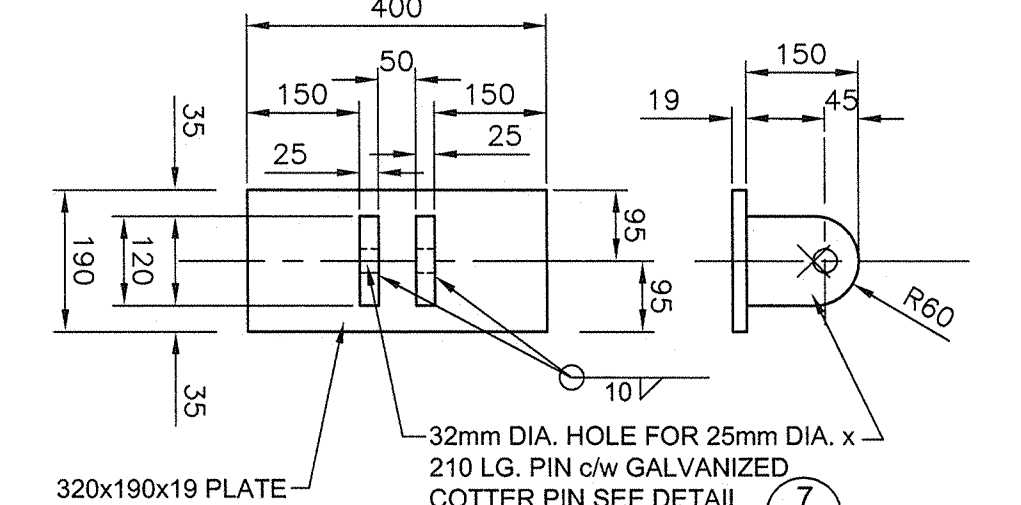
**TYPICAL FLOAT CONNECTION PIN DETAIL**  
SCALE: 1:2  
0mm 50mm 100mm 150mm 200mm 250mm



**TYPICAL RAMP CONNECTION PIN DETAIL**  
SCALE: 1:2  
0mm 50mm 100mm 150mm 200mm 250mm



**UNIT 'E' (STRONGARM END BRACKET)**  
(10 REQUIRED)  
SEE NOTE 6



**UNIT 'G' (STRONGARM END BRACKET)**  
(2 REQUIRED)

## NOTES:

### TIMBER NOTES:

- ALL TIMBER TO BE TREATED TO CAN/CSA-080 SERIES-M89 FOR MARINE CONSTRUCTION COASTAL WATERS.

### FASTENERS AND MISCELLANEOUS NOTES:

- FASTENERS TO BE AS FOLLOWS.
  - MACHINE BOLTS 25mm DIA. c/w 2 WASHERS & 1 NUT
  - MACHINE BOLTS 19mm DIA. c/w 2 WASHERS & 1 NUT
  - ANCHOR BOLTS 22mm DIA. c/w 1 WASHER & 1 NUT
  - LAG BOLTS 19mm DIA. c/w 1 WASHER
- BOLT SIZE WASHER THICKNESS WASHER OUTSIDE DIA.
 

19mm	6mm	75mm
22mm	6mm	75mm
25mm	6mm	75mm
- LENGTH OF BOLTS TO BE VERIFIED BY THE CONTRACTOR.
- GALVANIZE ALL STEEL HARDWARE TO CSA G164-M1981, MINIMUM ZINC COATING OF 610g/m<sup>2</sup>.
- ALL HARDWARE INCLUDING MACHINE BOLTS, LAG BOLTS, HINGE BRACKETS, BRACKETS, PLATES, STRONGARMS, NUTS, WASHERS, SPIKES, LIFTING HOOKS, ETC. ARE FABRICATED FROM MEDIUM OR MILD STEEL CONFORMING TO ASTM A307-80.
- BUOYANCY BILLET:
  - EXPANDED POLYSTYRENE BEAD WITH 12mm POLYURETHANE COATING.
  - OUTSIDE DIMENSIONS AS PER LAYOUT PLAN.
- CONNECTIONS DIMENSION ARE TYPICAL. FIELD FIT TEMPLATE PRIOR TO FABRICATION.

0	ISSUED FOR TENDER	JAN 2016
revisions		date

project  
FLOATS AND GANGWAY  
CONSTRUCTION AND  
INSTALLATION  
CAPE ST. MARY'S  
DIGBY CO., N.S.

drawing  
desain

## CONNECTIONS DETAILS

designed S. MacDonald	conçu
date NOV. 2015	date
drawn R.L. SMELTZER	dessiné
date NOV. 2015	date
approved	approuvé
date	date
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
R.076960.001	
drawing no.	no. du dessin
Sht.4 of 6	