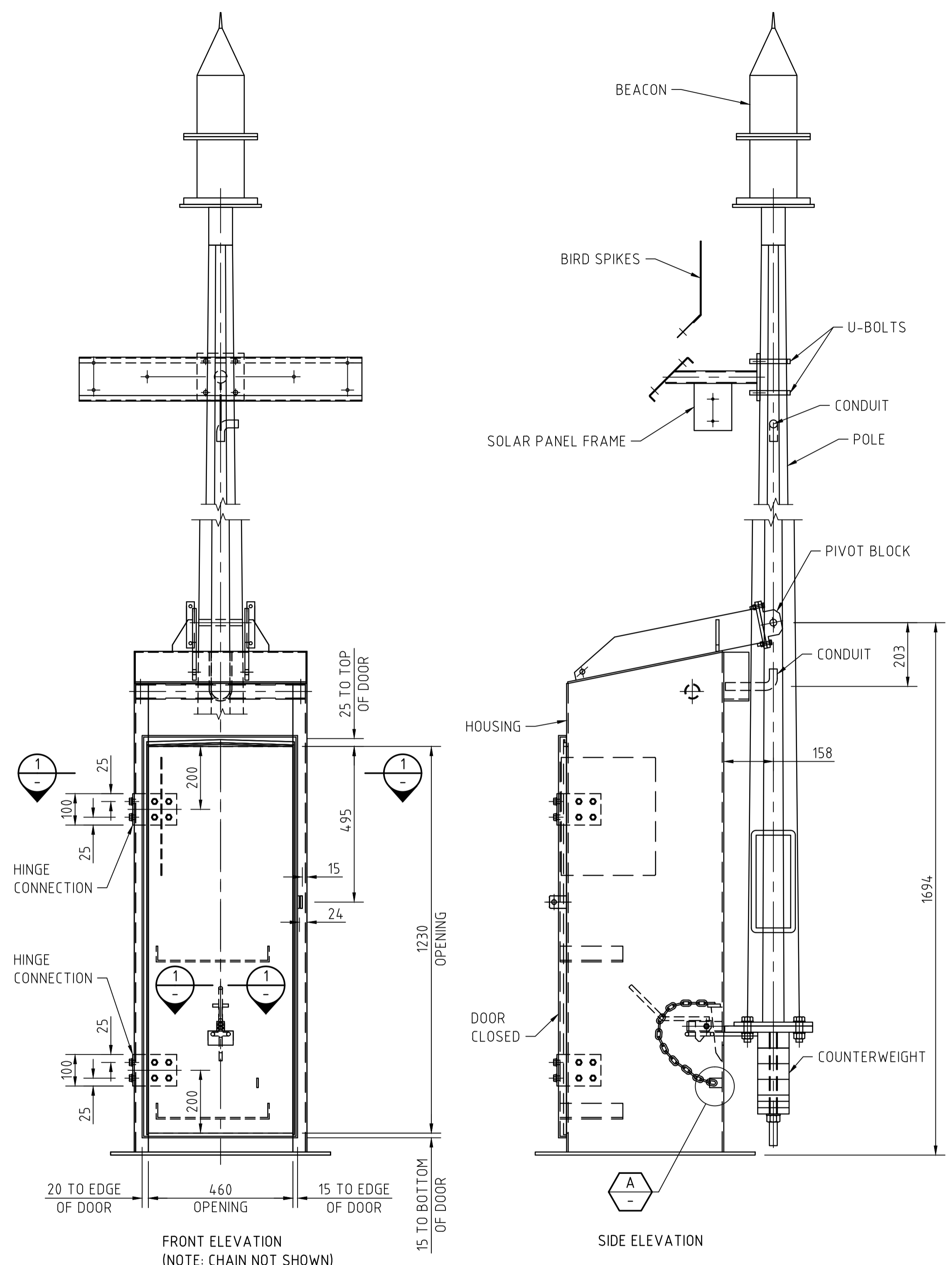
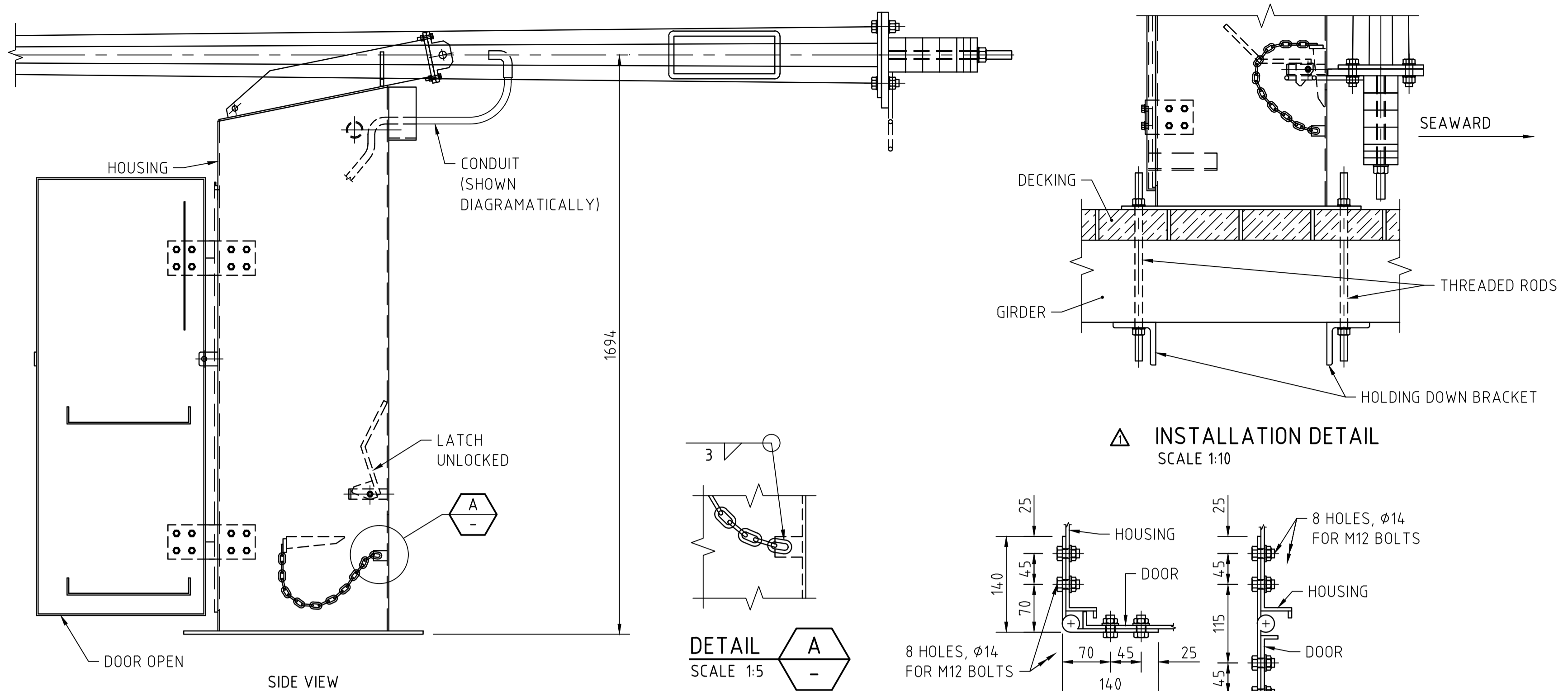


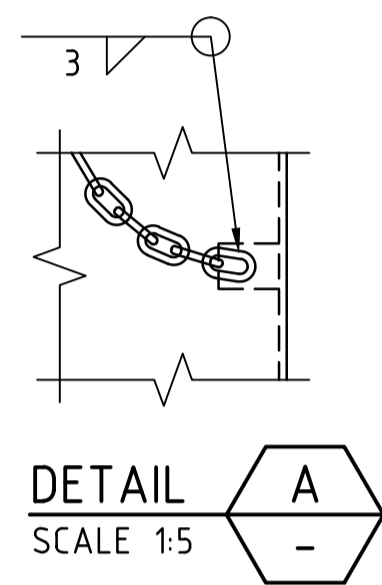
FILE: H:\04 - STANDARDS\MARINE FACILITIES\6977\14\_TO\_16\_AWD\_2.dwg



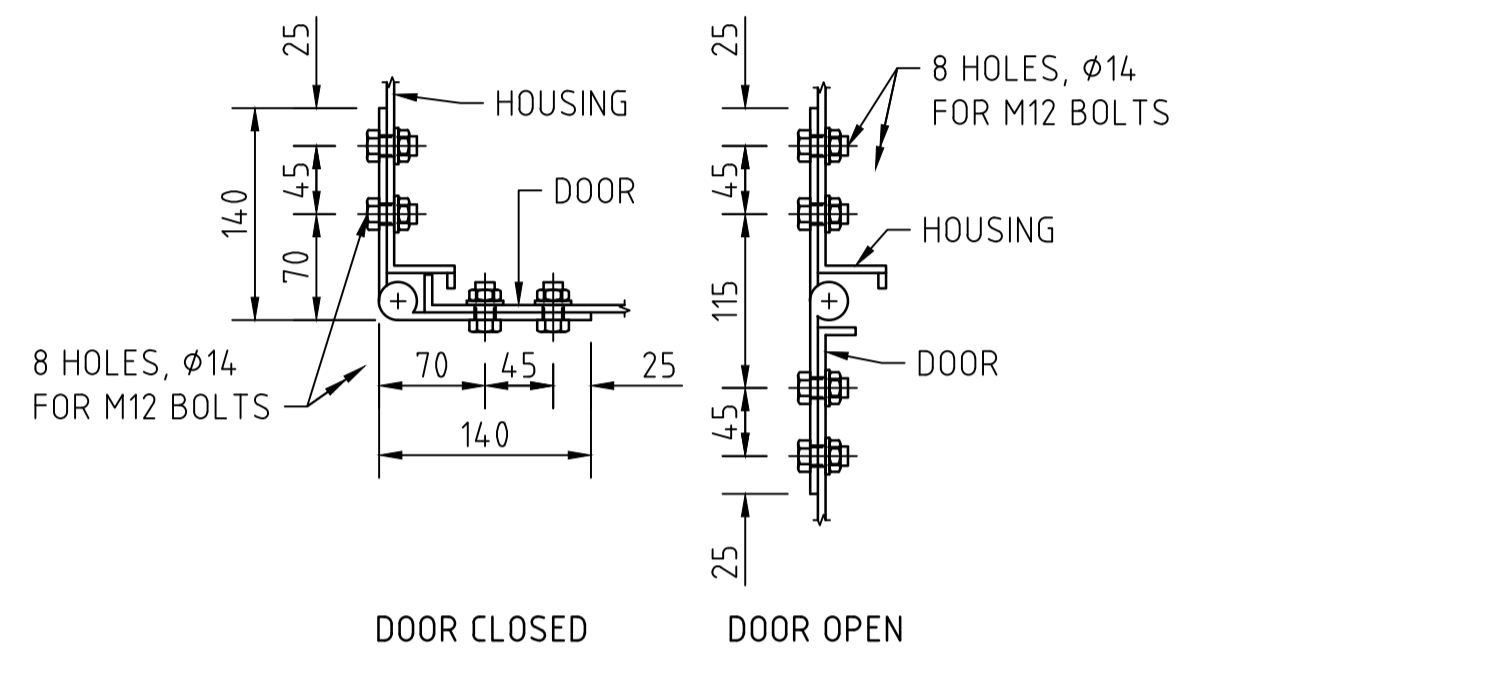
**△ △ GENERAL ARRANGEMENT - CLOSED POSITION**  
 SCALE 1:10  
 MASS = 179KGS (TOTAL WEIGHT - ASSUMING A 10KG BEACON)



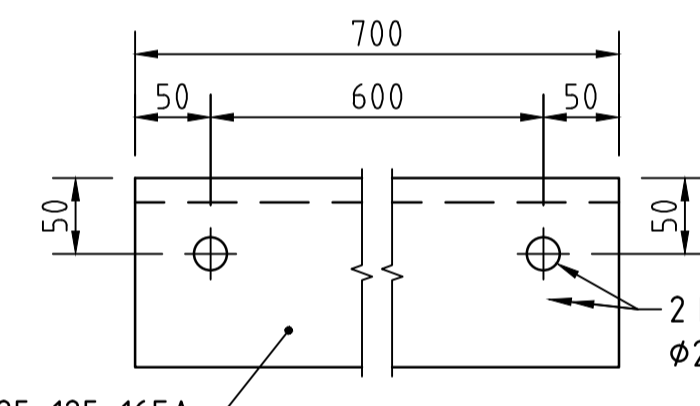
**△ GENERAL ARRANGEMENT - OPEN POSITION**  
 SCALE 1:10



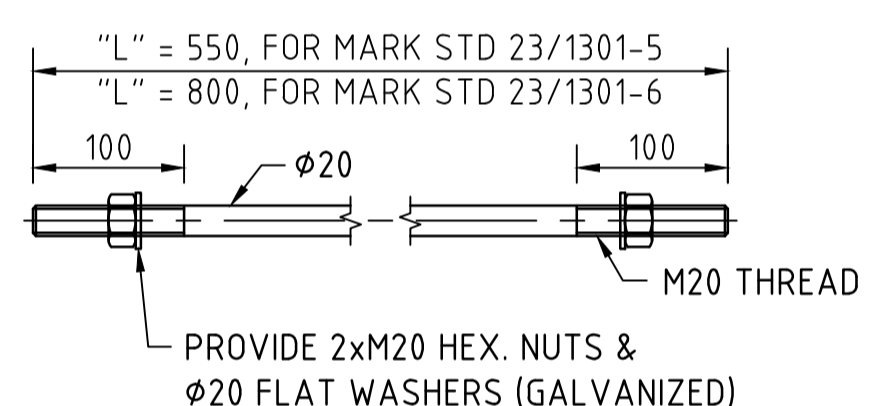
**DETAIL A**  
 SCALE 1:5



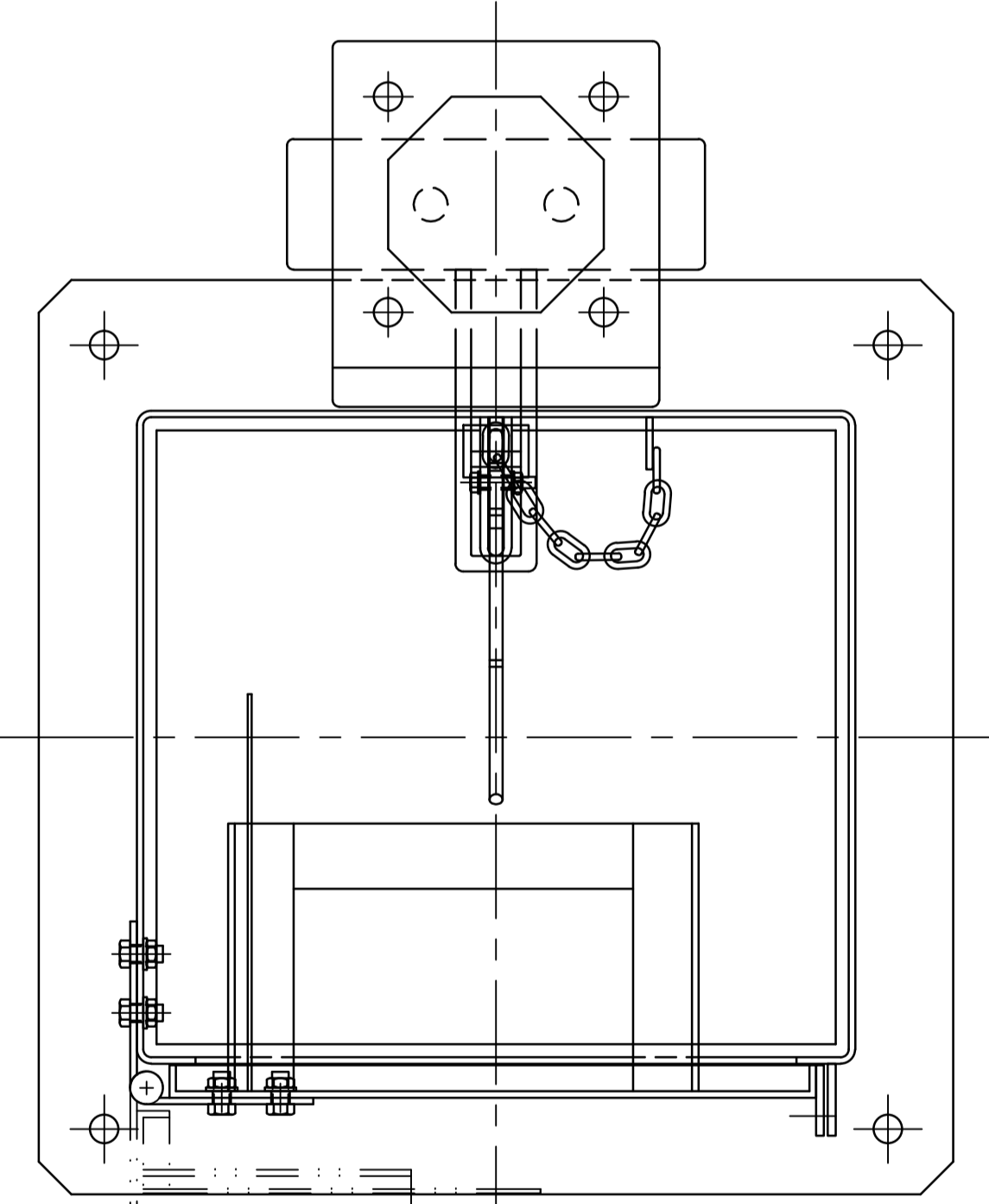
**PLAN ON HINGE CONNECTION**  
 SCALE 1:5



**HOLDING DOWN BRACKET**  
 SCALE 1:5



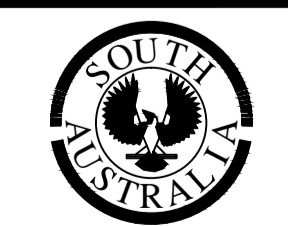
**THREADED ROD**  
 SCALE 1:5



**SECTION 1**  
 SCALE 1:5

**NOTES**

- GENERAL**
1. ALL COMPONENTS FOR BASE ASSEMBLY TO BE STEEL, GRADE 250 TO AS3678.
  2. ALL COMPONENTS FOR POLE ASSEMBLY TO BE ALUMINIUM, MARINE GRADE IN ACCORDANCE WITH AS/NZS 1664.
  3. ALL BOLTS TO BE STEEL, GRADE 4.6 (COMMERCIAL GRADE TO AS1111 & AS1112) AS NOTED. S DENOTES SNUG TIGHT TO AS4100.
  4. QUANTITIES SHOWN ARE FOR ONE ASSEMBLY.
  5. SEPARATE DISSIMILAR METALS BY USING CONCEALED LAYERS OF SUITABLE INERT MATERIALS OF SUITABLE THICKNESSES. USE PLASTIC SLEEVES & NYLON WASHERS FOR BOLTS.
  6. SOLAR PANEL SHALL BE ORIENTATED DUE NORTH ON ASSEMBLY.
- STEEL**
1. ALL WORKMANSHIP & MATERIALS TO COMPLY WITH AS4100 (STEEL STRUCTURES) & AS1554 (WELDING CODE).
  2. ALL BOLTS, NUTS, WASHERS & ASSOCIATED FIXINGS SHALL BE HOT DIP GALVANIZED.
  3. ALL WELDS SHALL BE 6mm CATEGORY SP CONTINUOUS FILLET WELDS TO AS/NZS 1554.1 ALL ROUND, BOTH SIDES, UNLESS NOTED OTHERWISE.
  4. ALL COMPONENTS SHALL BE PICKLED, NEUTRALISED & HOT DIP GALVANIZED TO AS/NZS 4680 & AS1214. THICKNESS OF GALVANIZED COATINGS TO AS/NZS 4680.
  5. HOT DIP GALVANIZED COMPONENTS SHALL NOT BE PAINTED WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
  6. COUNTERWEIGHT IS DESIGNED TO JUST BALANCE THE POLE ABOUT THE PIVOT POINT. IT CAN BE ADJUSTED TO SUIT ANY MODIFICATIONS TO THE TOP PART OF THE POLE.
  7. CARE SHOULD BE TAKEN BY THE OPERATOR AFTER RELEASING THE LATCH TO DROP THE POLE, SAFETY PROCEDURE SHOULD BE FOLLOWED.



Government of South Australia  
 Department for Transport, Energy and Infrastructure

STANDARD DRAWING  
 MARINE NAVIGATION AIDS  
 LARGE DROPDOWN POLE  
**GENERAL ARRANGEMENT**

DESIGNED: LY	DRAFTED: SA	ACCEPTED FOR USE: SPIROS DIMAS	ACCEPTANCE FORM KNET No.: 8618985	DRAWING No.: S - 6977	SHEET No.: 14	AMEND No.: 2
CHECKED: LY	REVIEWED: PM	MANAGER, B&M ASSETS DATE: 19/5/14				

No.	AMENDMENT DESCRIPTION	BY	CHECK	ACCEPTANCE	DATE
1	BEACON SEAT PL ENLARGED, HOLES UPDATED TO MATCH U-BOLTS	SA	DH	C. TRIANTAFILLOU	13/7/16
2	POLE SIZE CHANGED HENCE DETAILS CHANGED	SA	DH	P. MOLLOY	8/9/14

100 MILLIMETRES ON ORIGINAL DRAWING

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE

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